

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030717\  
 Data File : BF093423.D  
 Acq On : 7 Mar 2017 17:15  
 Operator : SJ/MA  
 Sample : PB97390BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

Quant Time: Mar 08 00:30:42 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 07 15:55:22 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.76  | 152  | 177955   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.05  | 136  | 691251   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.81  | 164  | 333659   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.29 | 188  | 603370   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 13.93 | 240  | 503153   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 15.34 | 264  | 397541   | 20.00 | ng    | 0.01     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.36  | 112 | 970172  | 90.74 | ng | 0.01 |
| 7) Phenol-d6                | 6.41  | 99  | 1131432 | 83.91 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.34  | 82  | 1014065 | 81.40 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330 | 211454  | 97.27 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.13  | 172 | 1743444 | 97.19 | ng | 0.00 |
| 78) Terphenyl-d14           | 12.87 | 244 | 1399594 | 72.32 | ng | 0.00 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.36 | 88  | 199862  | 33.94 | ng | # 84   |
| 3) Pyridine                    | 3.05 | 79  | 553275  | 36.85 | ng | 89     |
| 4) n-Nitrosodimethylamine      | 3.01 | 42  | 291171  | 40.60 | ng | 84     |
| 6) Aniline                     | 6.42 | 93  | 403202  | 21.79 | ng | 98     |
| 8) 2-Chlorophenol              | 6.55 | 128 | 503751  | 42.05 | ng | 97     |
| 9) Benzaldehyde                | 6.31 | 77  | 98737   | 8.80  | ng | 83     |
| 10) Phenol                     | 6.42 | 94  | 626511  | 37.92 | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 6.50 | 93  | 533907  | 39.98 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.70 | 146 | 539864  | 39.37 | ng | # 93   |
| 13) 1,4-Dichlorobenzene        | 6.78 | 146 | 561481  | 39.99 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.78 | 146 | 561481  | 45.16 | ng | 96     |
| 15) Benzyl Alcohol             | 6.92 | 79  | 391960  | 40.78 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.05 | 45  | 885694  | 39.93 | ng | 89     |
| 17) 2-Methylphenol             | 7.04 | 107 | 423305  | 41.77 | ng | 94     |
| 18) Hexachloroethane           | 7.27 | 117 | 191202  | 40.38 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.19 | 70  | 395553  | 42.67 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 576708  | 43.88 | ng | # 74   |
| 22) Acetophenone               | 7.18 | 105 | 704130  | 42.33 | ng | # 98   |
| 24) Nitrobenzene               | 7.36 | 77  | 589550  | 42.10 | ng | 92     |
| 25) Isophorone                 | 7.60 | 82  | 1060263 | 42.20 | ng | 97     |
| 26) 2-Nitrophenol              | 7.68 | 139 | 282291  | 44.19 | ng | # 84   |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 500844  | 48.19 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.81 | 93  | 643919  | 40.60 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.92 | 162 | 437563  | 44.76 | ng | 87     |
| 30) 1,2,4-Trichlorobenzene     | 8.00 | 180 | 442196  | 42.53 | ng | 99     |
| 31) Naphthalene                | 8.07 | 128 | 1368911 | 39.52 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 290722  | 53.83 | ng | 97     |
| 33) 4-Chloroaniline            | 8.14 | 127 | 259545  | 18.46 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.18 | 225 | 219243  | 40.94 | ng | 98     |
| 35) Caprolactam                | 8.52 | 113 | 97947   | 29.33 | ng | # 39   |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 459765  | 44.06 | ng | 90     |
| 37) 2-Methylnaphthalene        | 8.77 | 142 | 913260  | 41.44 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.94 | 216 | 409141  | 44.91 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 8.92 | 237 | 221419  | 93.85 | ng | 95     |

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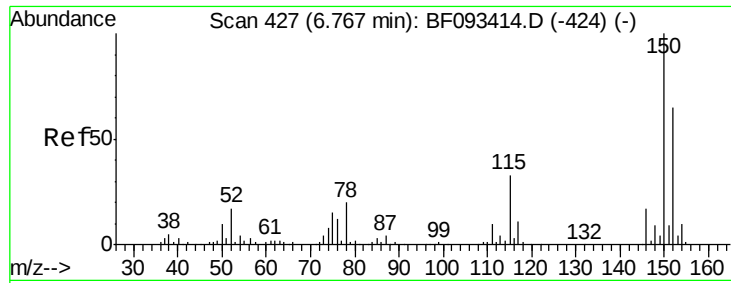
Instrument :  
 BNA\_F  
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Quant Time: Mar 08 00:30:42 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030717.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.05  | 196  | 272207   | 47.82  | ng    | 90       |
| 43) 2,4,5-Trichlorophenol      | 9.11  | 196  | 276429   | 45.26  | ng #  | 85       |
| 45) 1,1'-Biphenyl              | 9.24  | 154  | 1118161  | 46.00  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.26  | 162  | 896314   | 48.18  | ng    | 97       |
| 47) 2-Nitroaniline             | 9.36  | 65   | 288529   | 43.87  | ng    | 93       |
| 48) Acenaphthylene             | 9.67  | 152  | 1347337  | 43.91  | ng    | 99       |
| 49) Dimethylphthalate          | 9.53  | 163  | 1017738  | 46.01  | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.61  | 165  | 227484   | 46.87  | ng #  | 75       |
| 51) Acenaphthene               | 9.84  | 154  | 829926   | 45.74  | ng    | 97       |
| 52) 3-Nitroaniline             | 9.77  | 138  | 140268   | 24.05  | ng    | 91       |
| 53) 2,4-Dinitrophenol          | 9.90  | 184  | 180424   | 81.62  | ng #  | 71       |
| 54) Dibenzofuran               | 10.01 | 168  | 1175307  | 51.75  | ng    | 95       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 291273   | 102.84 | ng    | 89       |
| 56) 2,4-Dinitrotoluene         | 10.01 | 165  | 268075   | 44.96  | ng #  | 65       |
| 57) Fluorene                   | 10.36 | 166  | 961628   | 49.97  | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 232526   | 53.94  | ng    | 95       |
| 59) Diethylphthalate           | 10.23 | 149  | 937485   | 44.34  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.34 | 204  | 427664   | 49.58  | ng    | 89       |
| 61) 4-Nitroaniline             | 10.39 | 138  | 254790   | 42.72  | ng    | 95       |
| 62) Azobenzene                 | 10.50 | 77   | 1256365  | 52.30  | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 138100   | 35.33  | ng    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.47 | 169  | 885475   | 43.95  | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.84 | 248  | 262299   | 41.11  | ng #  | 83       |
| 67) Hexachlorobenzene          | 10.90 | 284  | 265634   | 43.60  | ng    | 99       |
| 68) Atrazine                   | 11.00 | 200  | 244964   | 41.54  | ng    | 99       |
| 69) Pentachlorophenol          | 11.11 | 266  | 206732   | 98.28  | ng    | 99       |
| 70) Phenanthrene               | 11.32 | 178  | 1459052  | 42.36  | ng    | 98       |
| 71) Anthracene                 | 11.36 | 178  | 1373089  | 39.41  | ng    | 99       |
| 72) Carbazole                  | 11.52 | 167  | 1291054  | 39.45  | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.85 | 149  | 1673653  | 44.20  | ng #  | 96       |
| 74) Fluoranthene               | 12.50 | 202  | 1486412  | 44.68  | ng    | 94       |
| 76) Benzidine                  | 12.63 | 184  | 442942   | 26.77  | ng    | 97       |
| 77) Pyrene                     | 12.73 | 202  | 1478940  | 40.42  | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.34 | 149  | 658166   | 42.73  | ng    | 99       |
| 80) Benzo(a)anthracene         | 13.92 | 228  | 1209851  | 40.72  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.88 | 252  | 285587   | 27.44  | ng    | 98       |
| 82) Chrysene                   | 13.96 | 228  | 1095722  | 39.86  | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.90 | 149  | 900256   | 41.93  | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.51 | 149  | 1527093  | 42.67  | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.71 | 276  | 894646   | 38.88  | ng #  | 93       |
| 87) Benzo(b)fluoranthene       | 14.97 | 252  | 2049337  | 84.64  | ng #  | 96       |
| 88) Benzo(k)fluoranthene       | 14.97 | 252  | 2050091  | 87.80  | ng #  | 96       |
| 89) Benzo(a)pyrene             | 15.28 | 252  | 939555   | 42.46  | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.71 | 278  | 750037   | 40.97  | ng    | 95       |
| 91) Benzo(g,h,i)perylene       | 17.12 | 276  | 777467   | 41.38  | ng #  | 92       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093423.D

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PB97390BSD

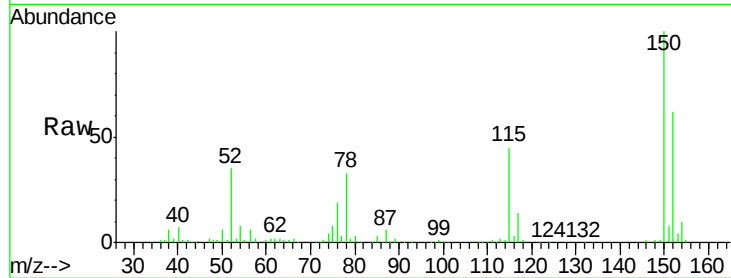
Tgt Ion:152 Resp: 177955

Ion Ratio Lower Upper

152 100

150 161.3 124.9 187.3

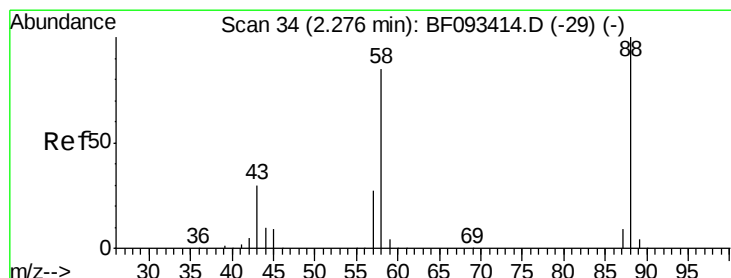
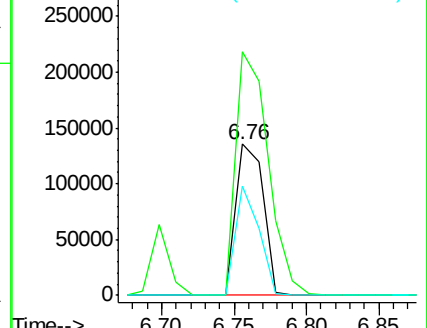
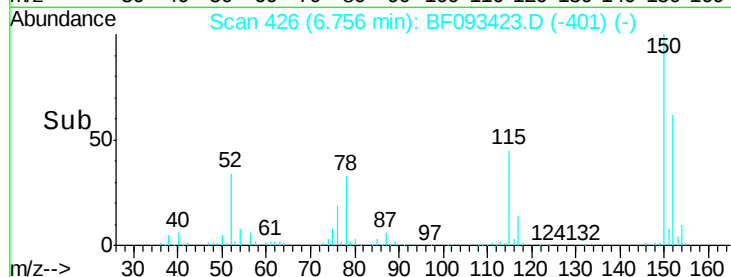
115 72.0 46.0 69.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.94 ng

RT: 2.36 min Scan# 41

Delta R.T. 0.08 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

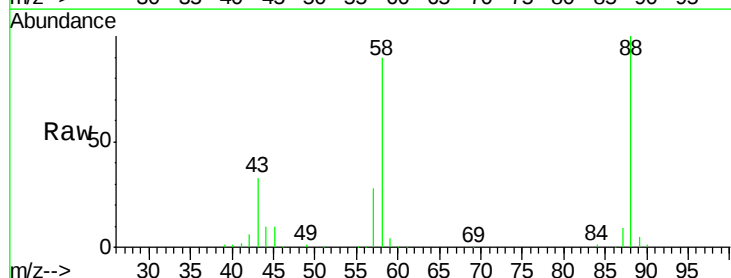
Tgt Ion: 88 Resp: 199862

Ion Ratio Lower Upper

88 100

58 87.8 57.8 86.8#

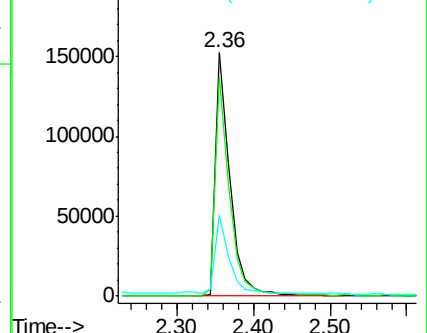
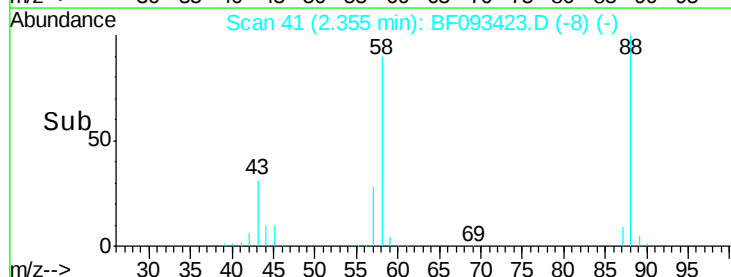
43 33.7 22.3 33.5#

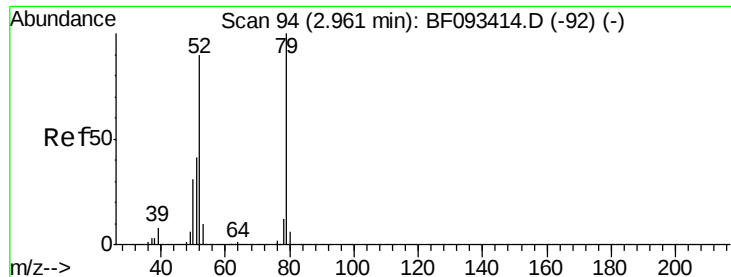


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.85 ng

RT: 3.05 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

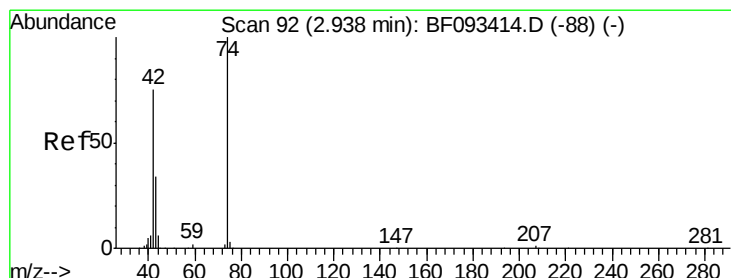
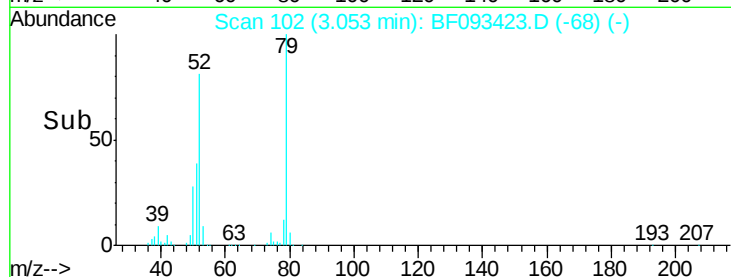
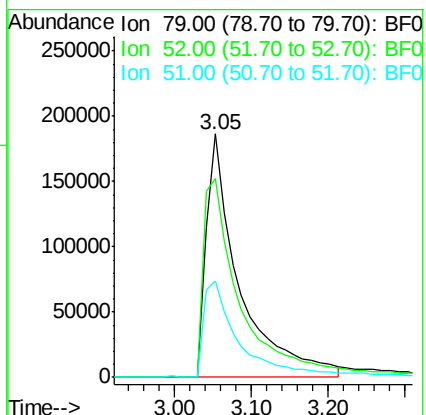
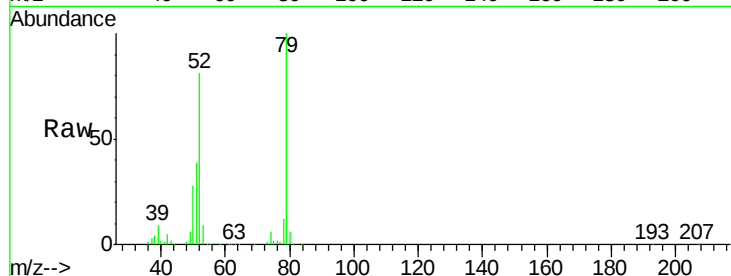
Tgt Ion: 79 Resp: 553275

Ion Ratio Lower Upper

79 100

52 81.4 57.1 85.7

51 39.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.60 ng

RT: 3.01 min Scan# 98

Delta R.T. 0.07 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

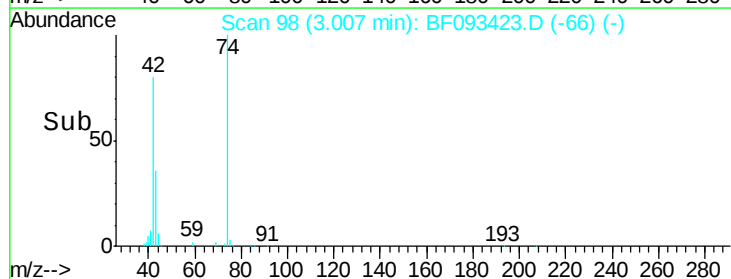
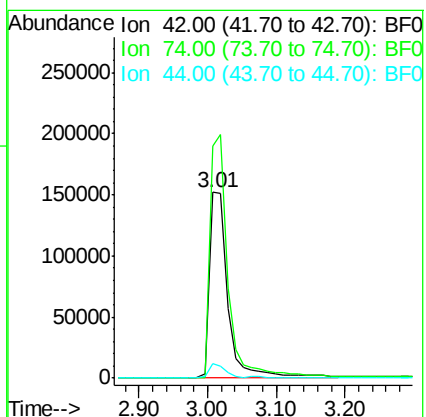
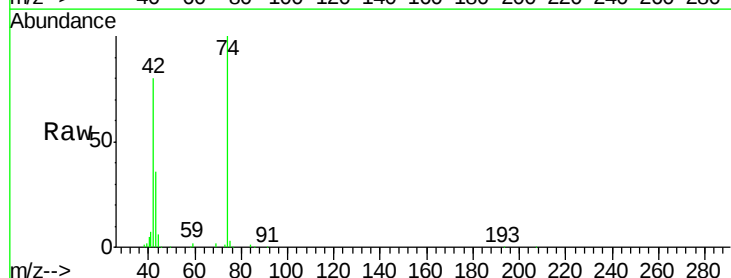
Tgt Ion: 42 Resp: 291171

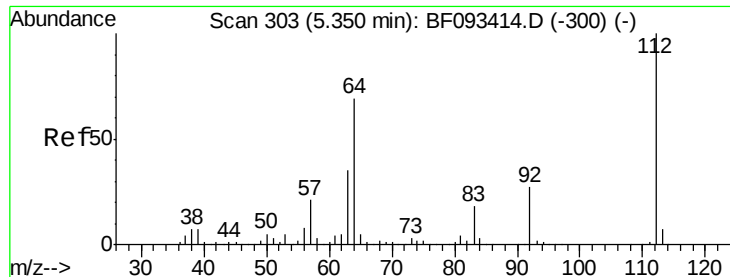
Ion Ratio Lower Upper

42 100

74 125.3 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 90.74 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

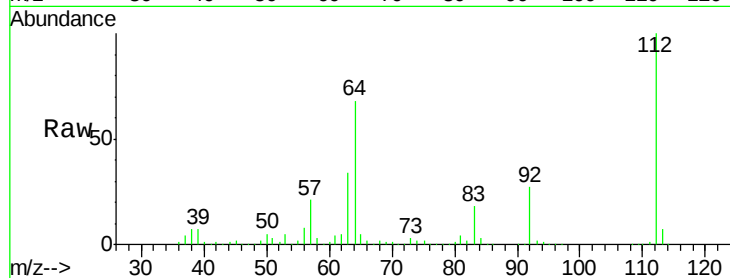
Tgt Ion: 112 Resp: 970172

Ion Ratio Lower Upper

112 100

64 68.2 46.1 69.1

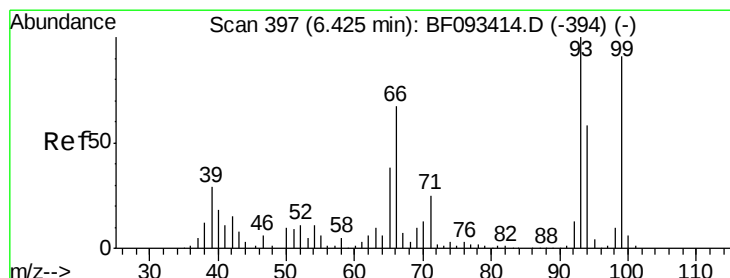
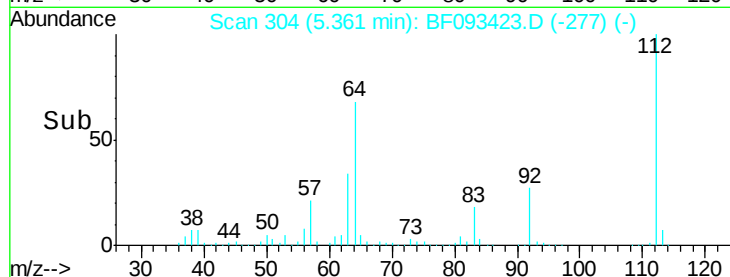
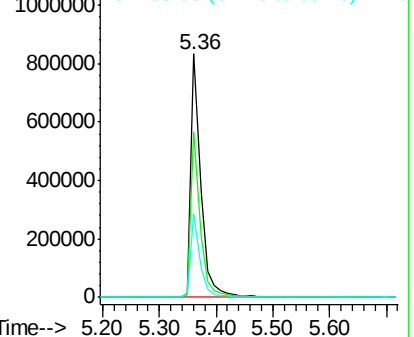
63 34.4 23.8 35.6



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: 21.79 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

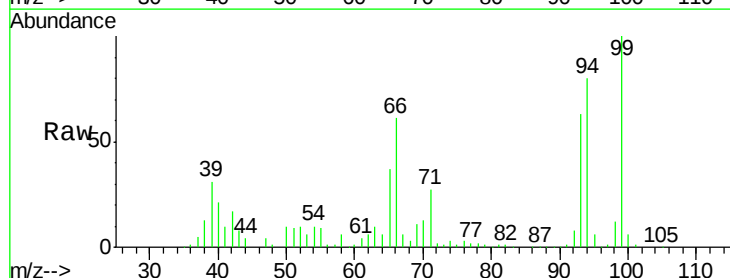
Tgt Ion: 93 Resp: 403202

Ion Ratio Lower Upper

93 100

66 96.7 76.2 114.2

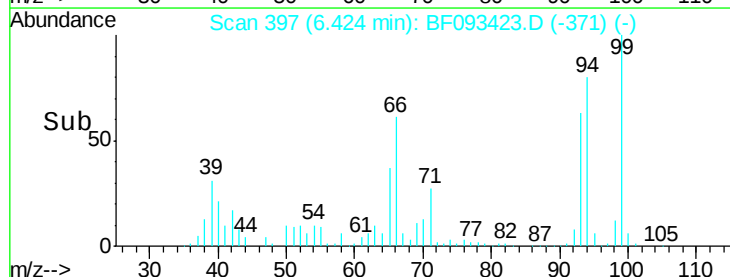
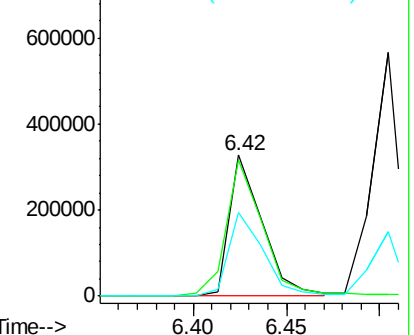
65 59.3 49.3 73.9

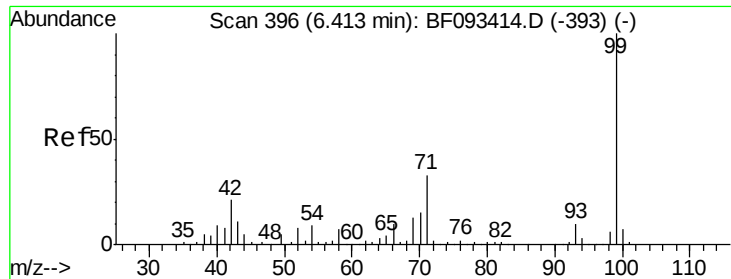


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.91 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

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ClientSampleId :

PB97390BSD

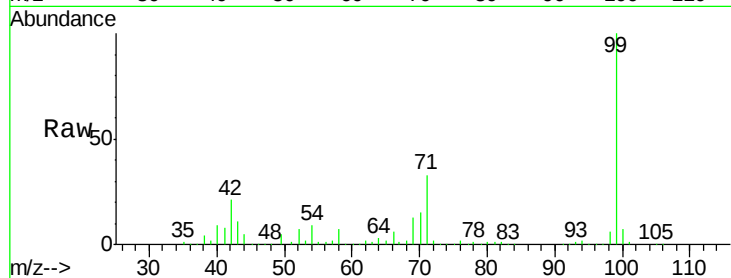
Tgt Ion: 99 Resp: 1131432

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

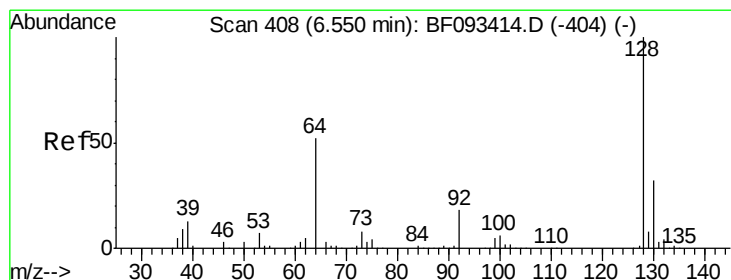
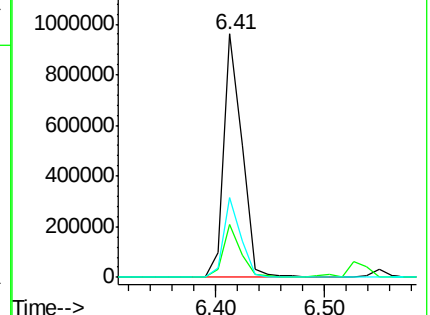
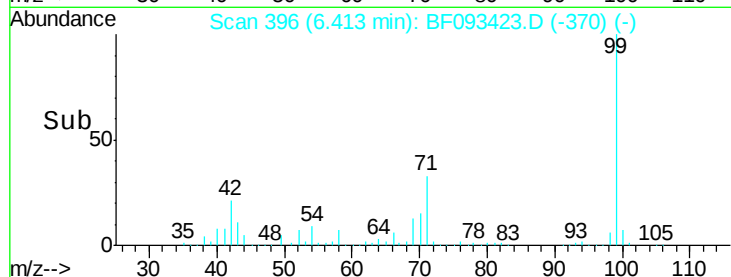
71 32.9 27.5 41.3



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: 42.05 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

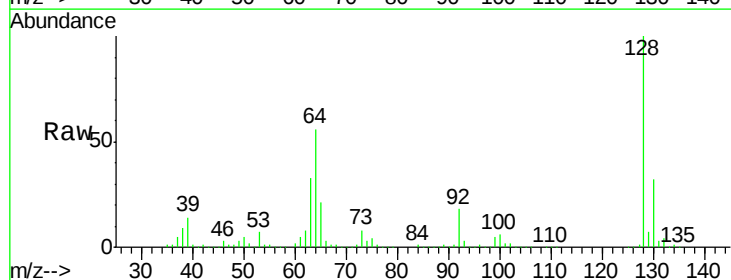
Tgt Ion: 128 Resp: 503751

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

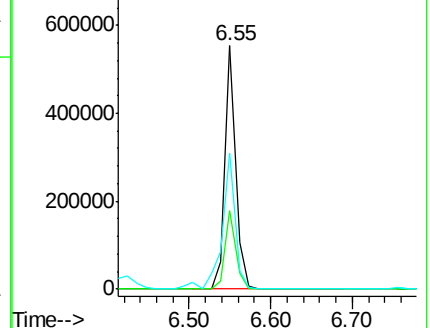
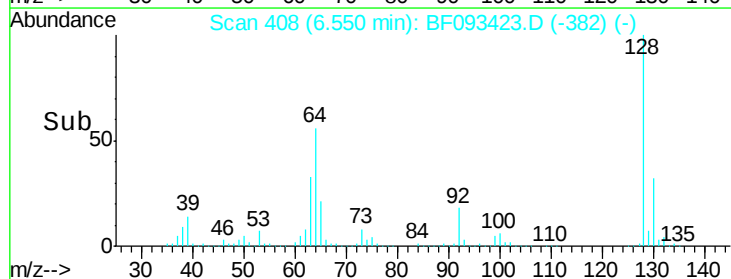
64 55.8 32.2 72.2

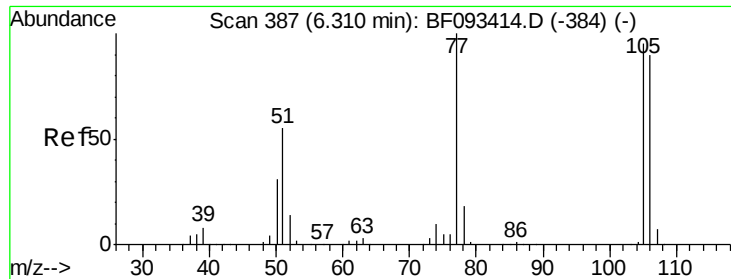


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

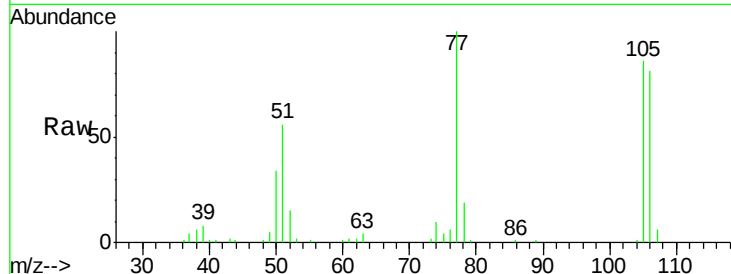




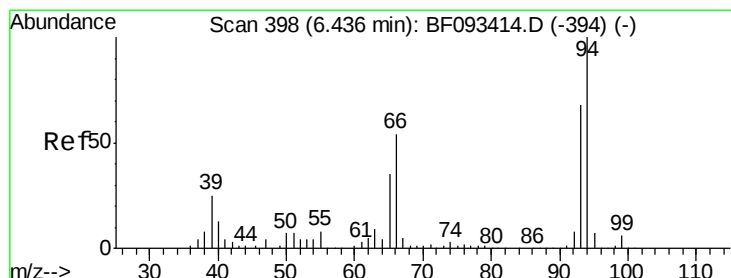
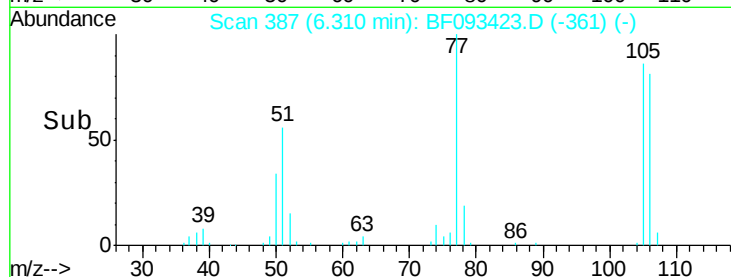
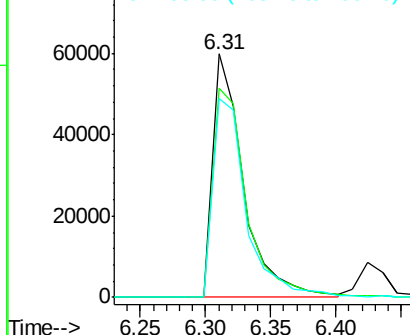
#9  
Benzaldehyde  
Concen: 8.80 ng  
RT: 6.31 min Scan# 387  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB97390BSD

Tgt Ion: 77 Resp: 98737  
Ion Ratio Lower Upper  
77 100  
105 85.8 83.9 123.9  
106 81.4 77.6 117.6

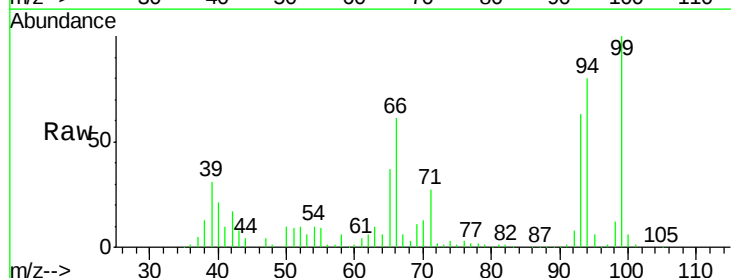


Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): BF0  
Ion 106.00 (105.70 to 106.70): BF0

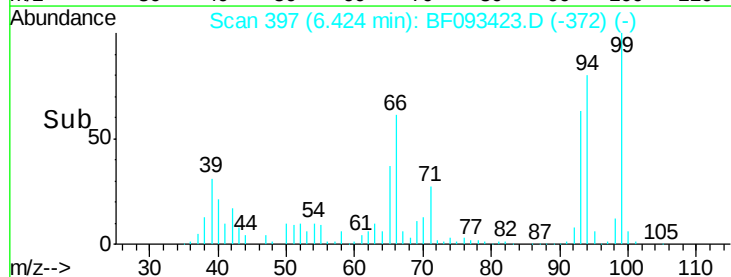
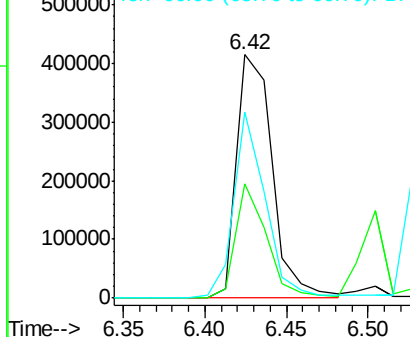


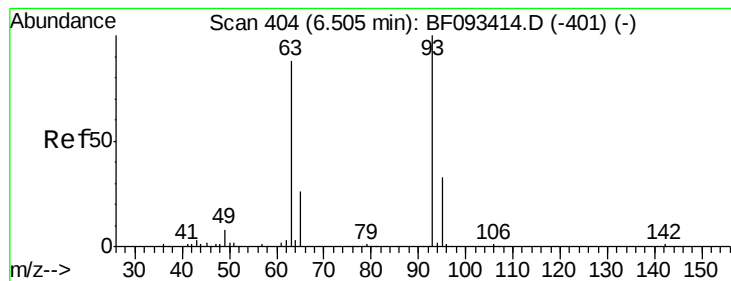
#10  
Phenol  
Concen: 37.92 ng  
RT: 6.42 min Scan# 397  
Delta R.T. -0.01 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Tgt Ion: 94 Resp: 626511  
Ion Ratio Lower Upper  
94 100  
65 46.9 21.4 61.4  
66 76.4 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.98 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

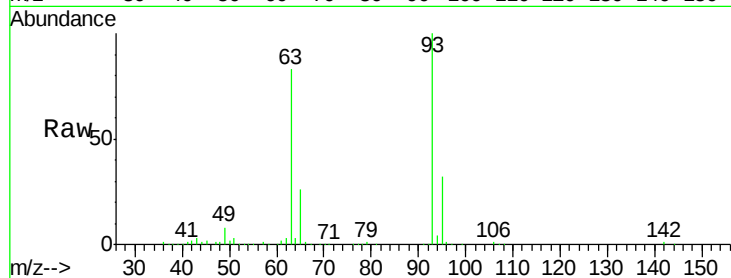
Tgt Ion: 93 Resp: 533907

Ion Ratio Lower Upper

93 100

63 83.3 60.4 100.4

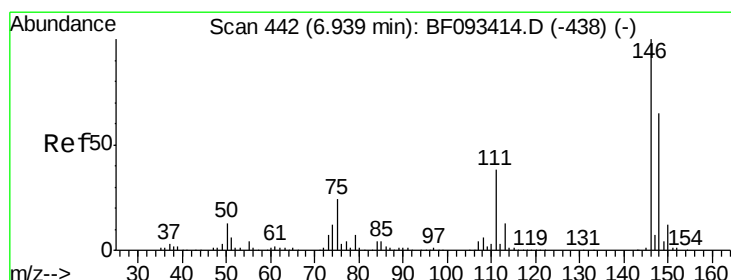
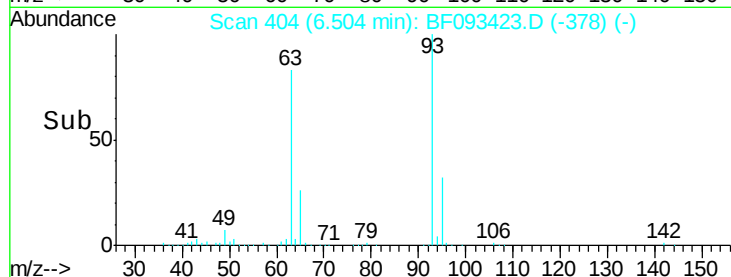
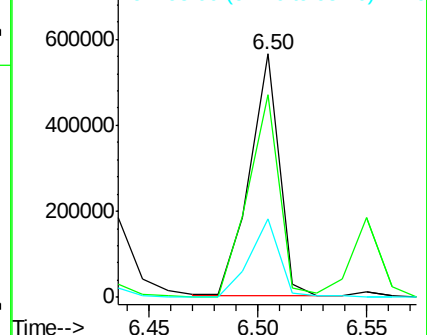
95 32.4 12.8 52.8



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: 39.37 ng

RT: 6.70 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

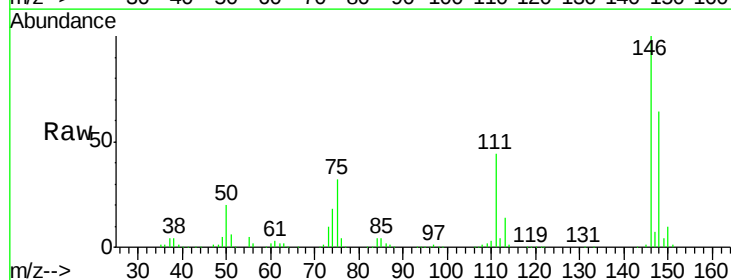
Tgt Ion: 146 Resp: 539864

Ion Ratio Lower Upper

146 100

148 64.2 53.4 80.0

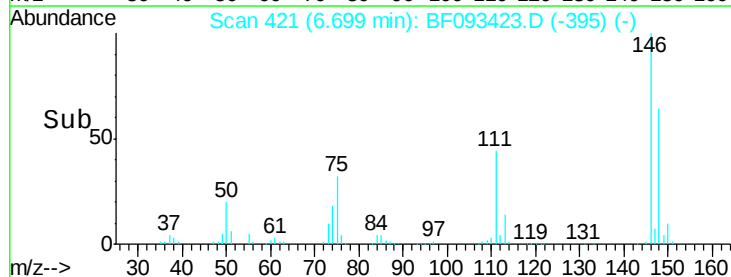
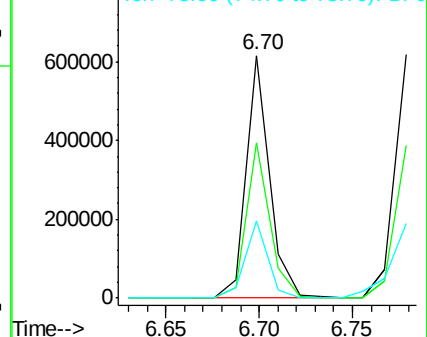
75 31.6 18.5 27.7#

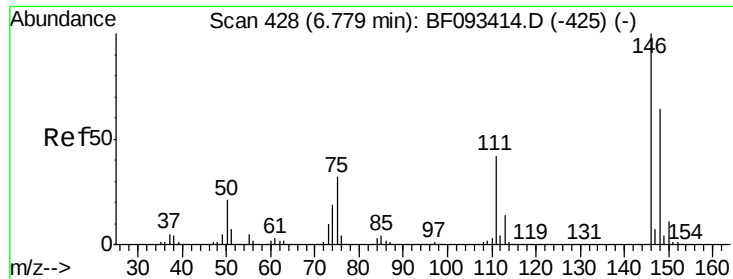


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

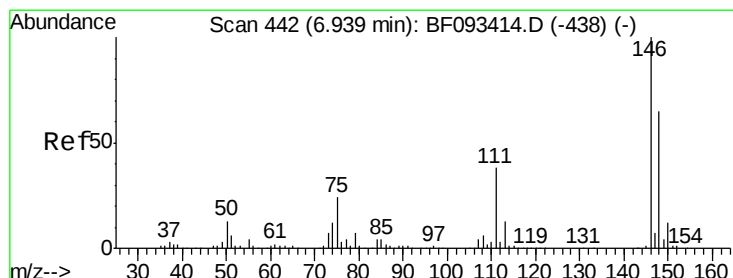
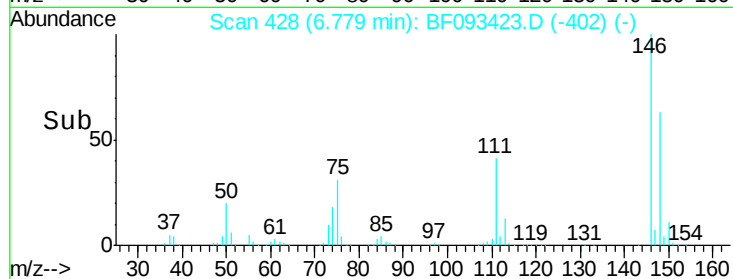
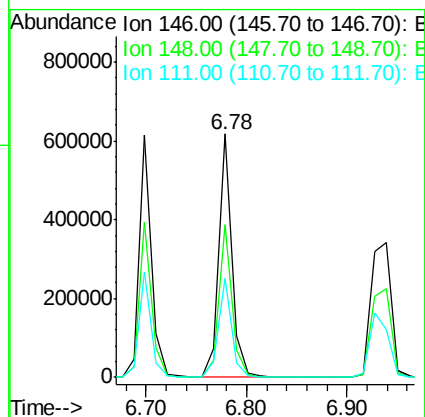
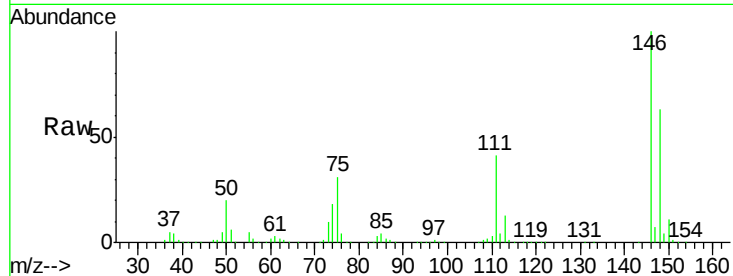




#13  
 1,4-Dichlorobenzene  
 Concen: 39.99 ng  
 RT: 6.78 min Scan# 428  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

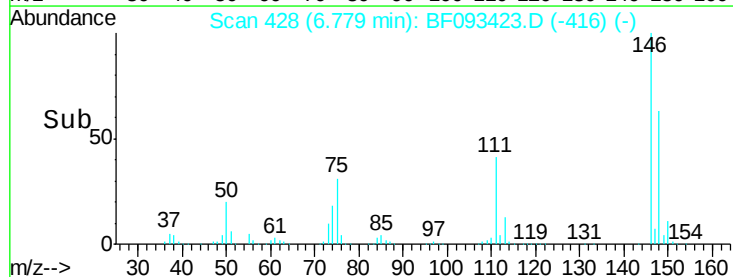
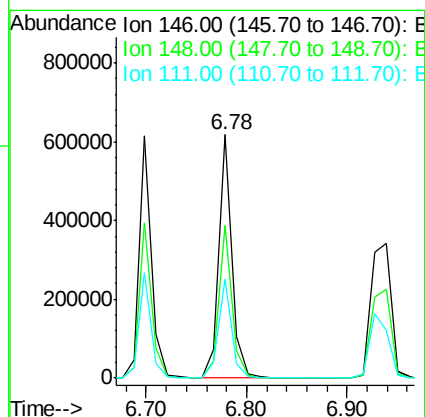
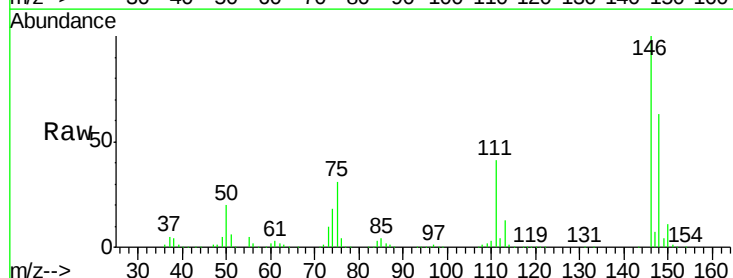
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

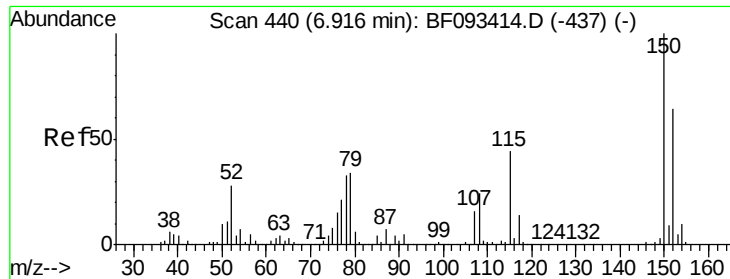
Tgt Ion:146 Resp: 561481  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 50.6 76.0  
 111 40.8 36.2 54.4



#14  
 1,2-Dichlorobenzene  
 Concen: 45.16 ng  
 RT: 6.78 min Scan# 428  
 Delta R.T. -0.16 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Tgt Ion:146 Resp: 561481  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 52.2 78.2  
 111 40.8 36.2 54.2

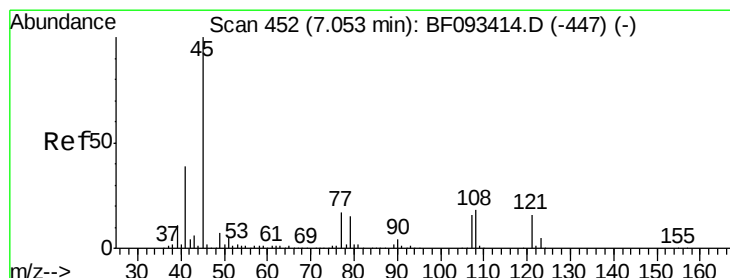
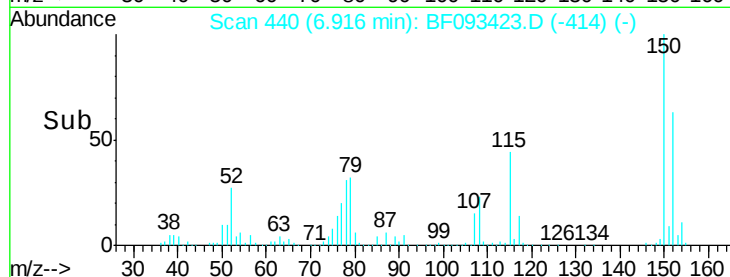
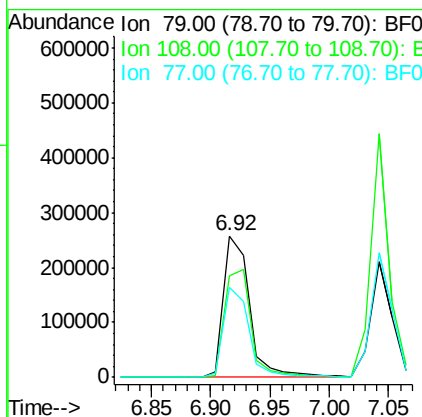
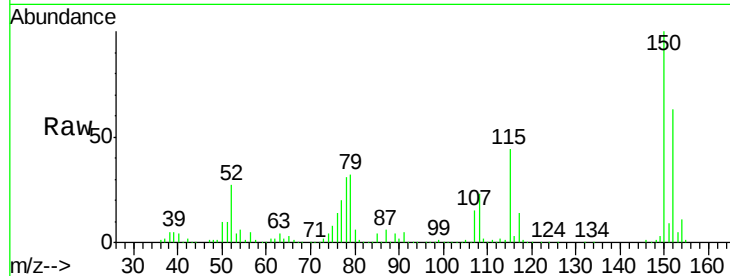




#15  
Benzyl Alcohol  
Concen: 40.78 ng  
RT: 6.92 min Scan# 440  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

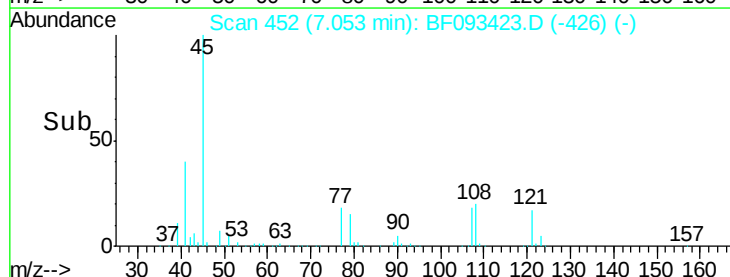
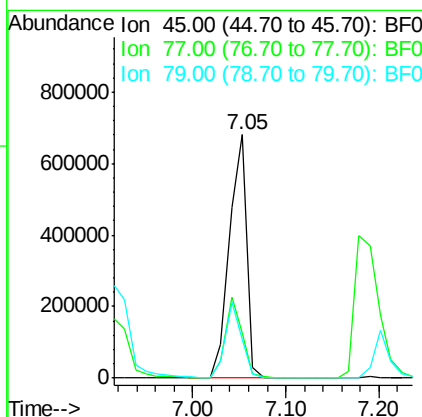
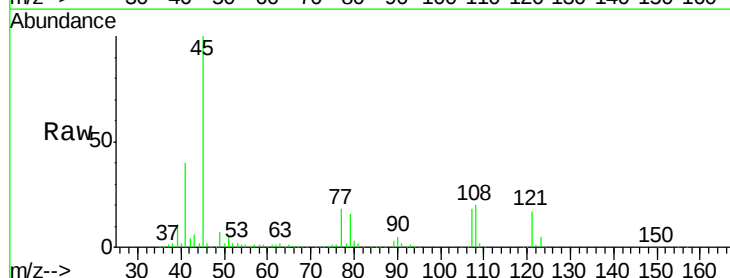
Instrument :  
BNA\_F  
ClientSampleId :  
PB97390BSD

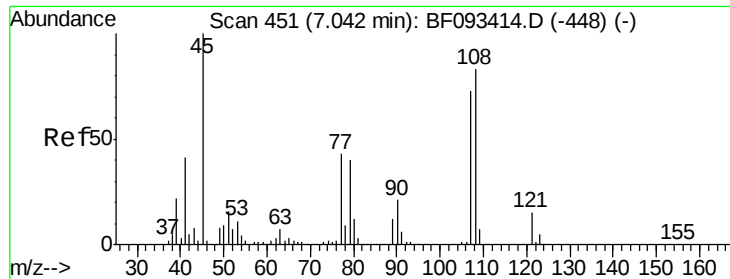
Tgt Ion: 79 Resp: 391960  
Ion Ratio Lower Upper  
79 100  
108 72.1 61.4 92.0  
77 63.9 50.9 76.3



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.93 ng  
RT: 7.05 min Scan# 452  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Tgt Ion: 45 Resp: 885694  
Ion Ratio Lower Upper  
45 100  
77 18.4 0.0 34.6  
79 16.2 0.0 31.2

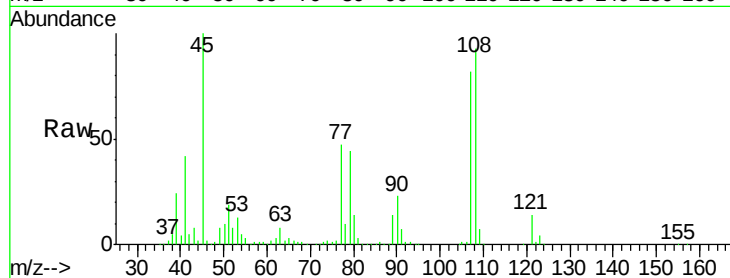




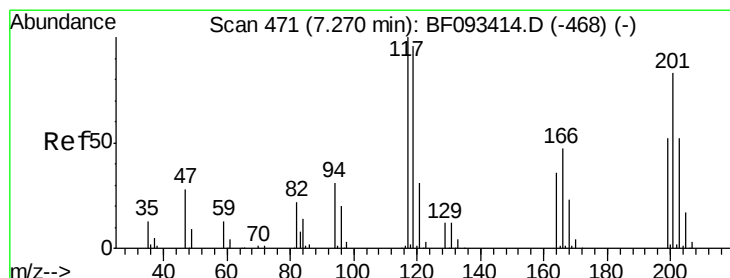
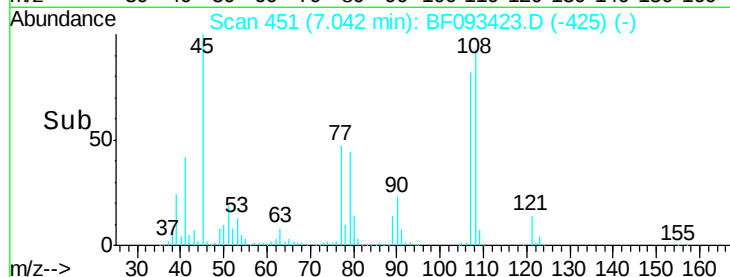
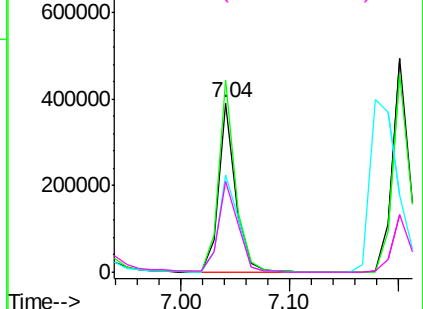
#17  
2-Methylphenol  
Concen: 41.77 ng  
RT: 7.04 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB97390BSD

Tgt Ion:107 Resp: 423305  
Ion Ratio Lower Upper  
107 100  
108 113.6 93.0 139.6  
77 57.9 39.8 59.8  
79 54.1 38.0 57.0

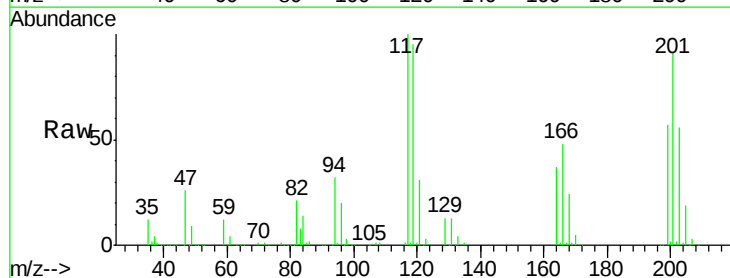


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

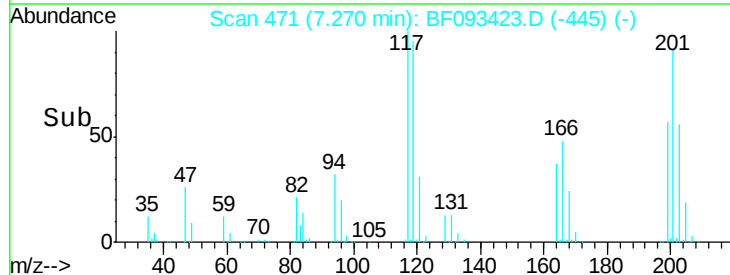
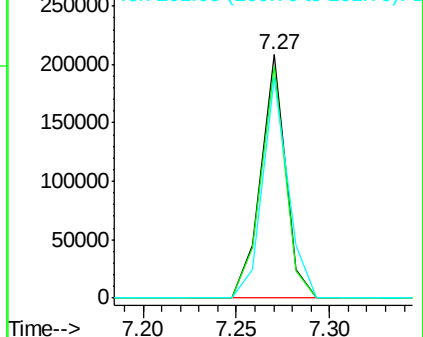


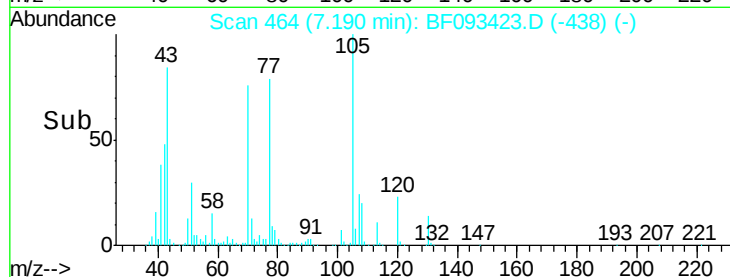
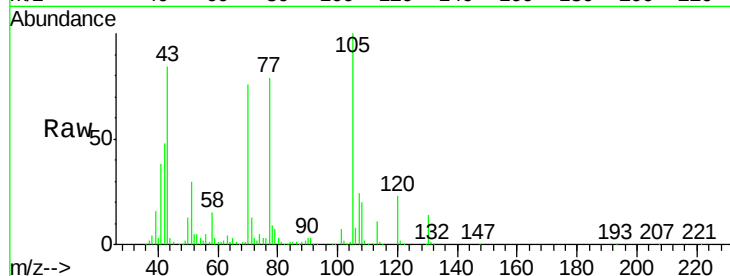
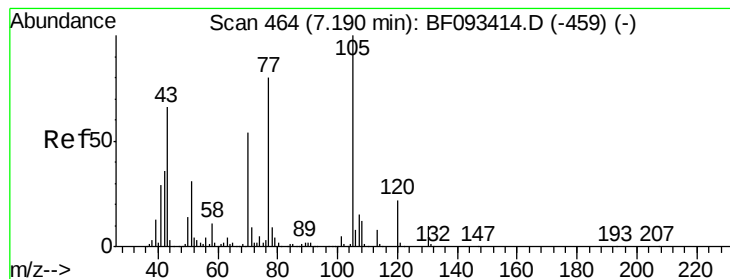
#18  
Hexachloroethane  
Concen: 40.38 ng  
RT: 7.27 min Scan# 471  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Tgt Ion:117 Resp: 191202  
Ion Ratio Lower Upper  
117 100  
119 95.4 78.1 117.1  
201 90.5 78.6 117.8



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: 42.67 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

Tgt Ion: 70 Resp: 395553

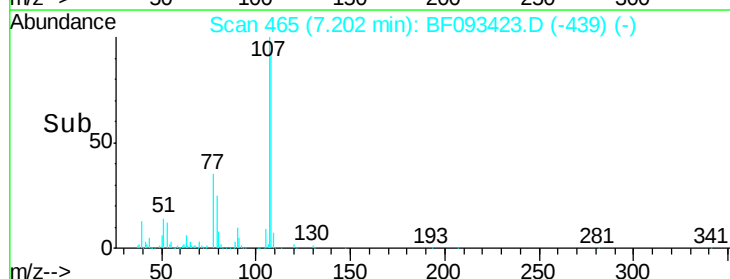
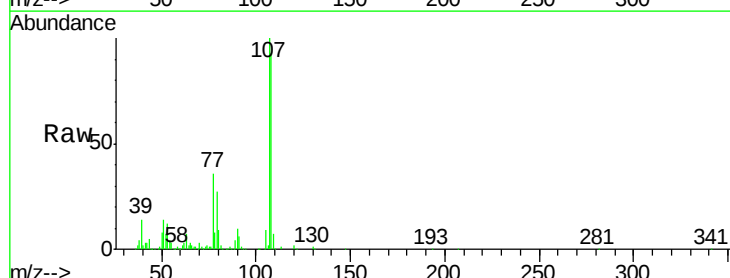
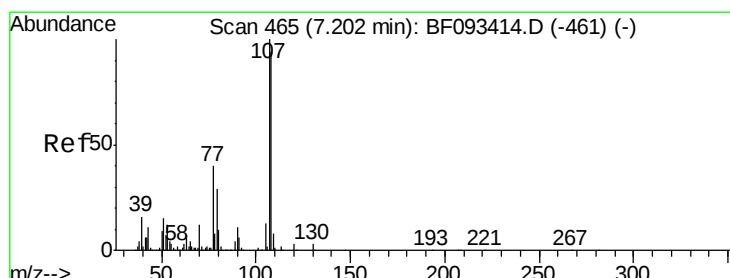
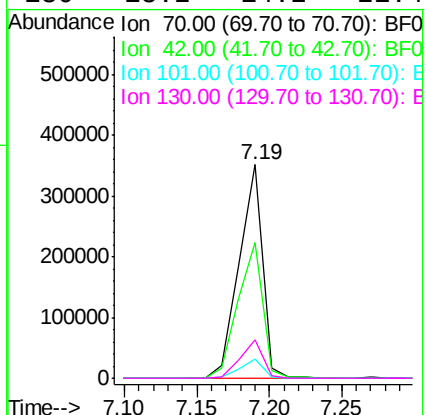
Ion Ratio Lower Upper

70 100

42 63.6 49.4 74.0

101 9.1 7.4 11.2

130 18.2 14.2 21.4



#20

3+4-Methylphenols

Concen: 43.88 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Tgt Ion: 107 Resp: 576708

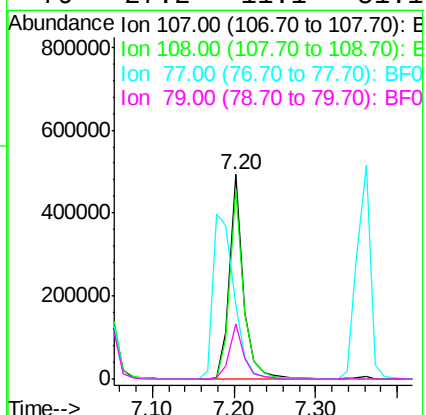
Ion Ratio Lower Upper

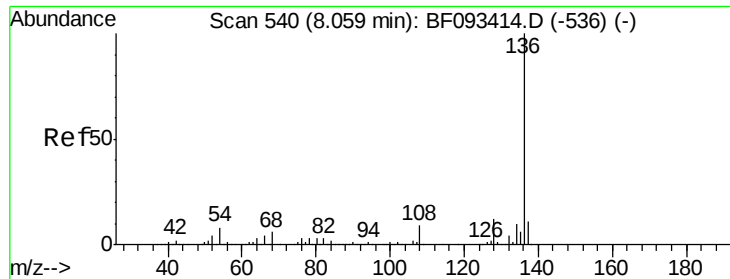
107 100

108 92.7 73.0 113.0

77 36.1 71.3 111.3#

79 27.2 11.1 51.1

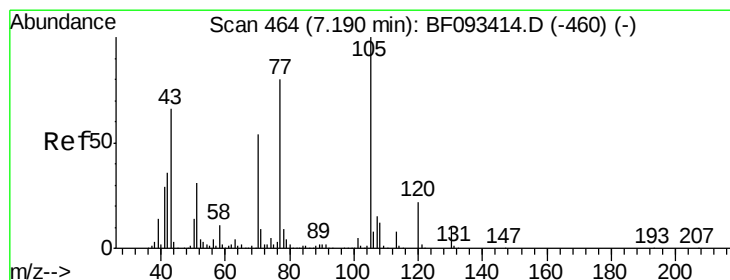
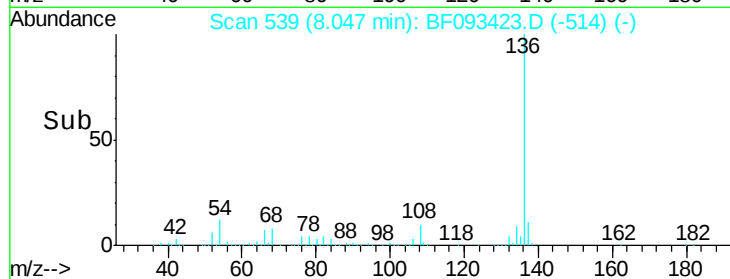
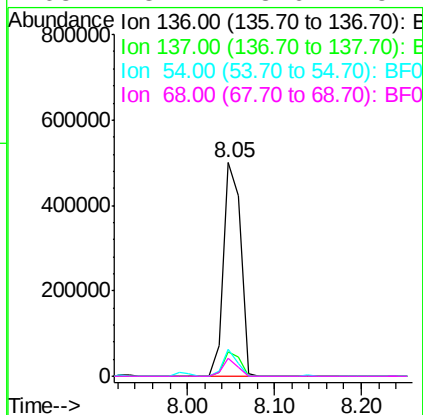
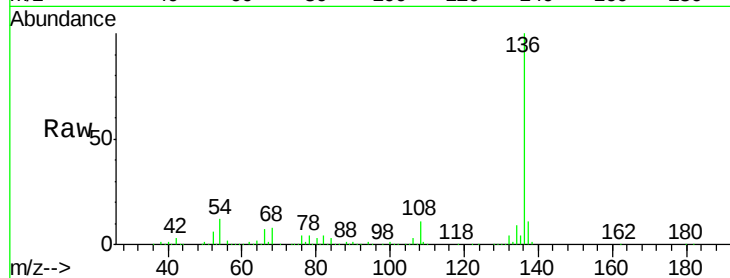




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.05 min Scan# 539  
Delta R.T. -0.01 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

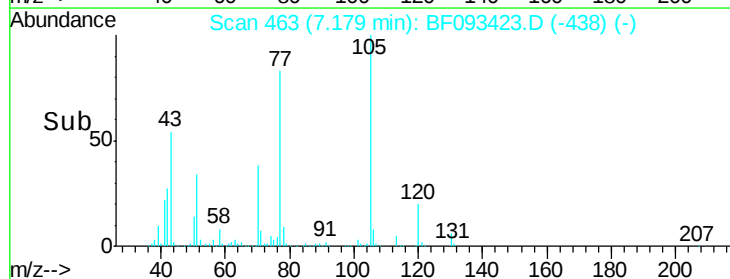
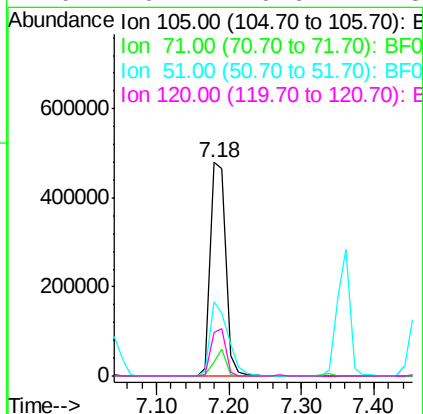
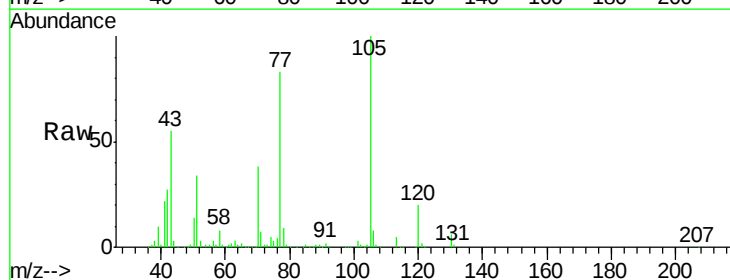
Instrument :  
BNA\_F  
ClientSampleId :  
PB97390BSD

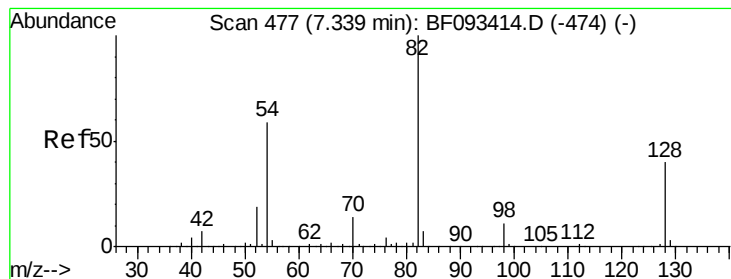
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 691251 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.4   | 12.6   |
| 54       | 12.3  | 4.5   | 6.7#   |
| 68       | 8.4   | 3.6   | 5.4#   |



#22  
Acetophenone  
Concen: 42.33 ng  
RT: 7.18 min Scan# 463  
Delta R.T. -0.01 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 704130 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.6   | 3.2   | 4.8#   |
| 51       | 34.5  | 26.2  | 39.4   |
| 120      | 20.4  | 16.6  | 24.8   |





#23

Nitrobenzene-d5

Concen: 81.40 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

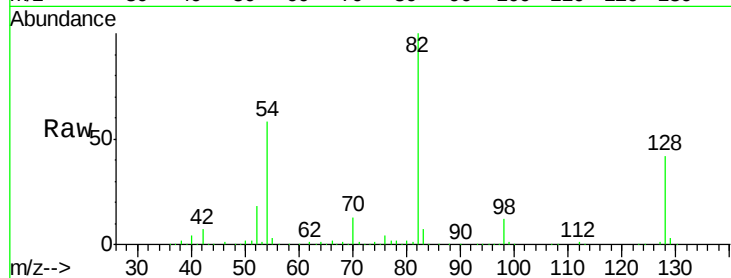
Tgt Ion: 82 Resp: 1014065

Ion Ratio Lower Upper

82 100

128 41.6 34.6 52.0

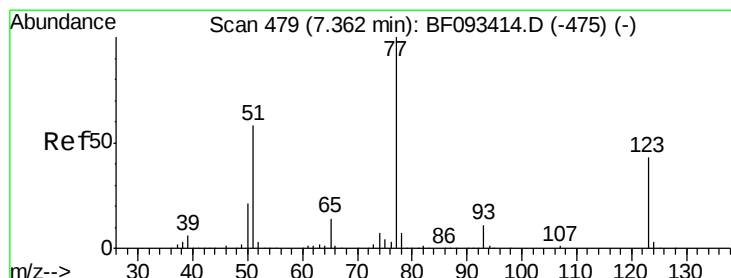
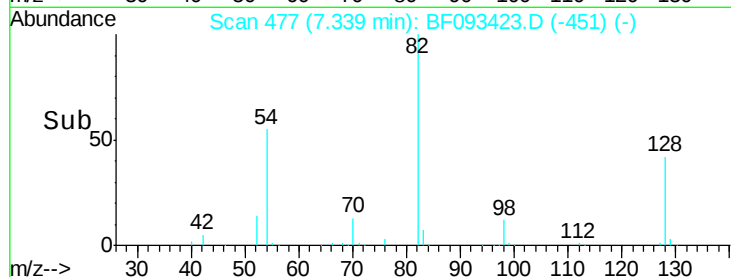
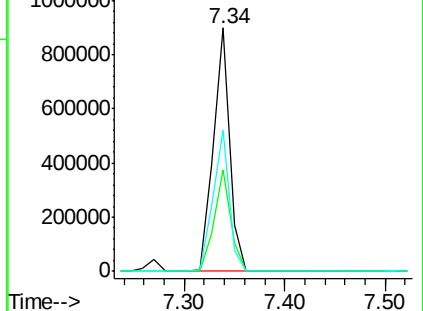
54 57.9 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.10 ng

RT: 7.36 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

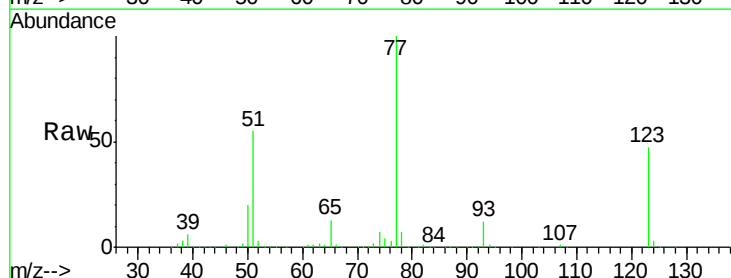
Tgt Ion: 77 Resp: 589550

Ion Ratio Lower Upper

77 100

123 47.3 33.0 49.4

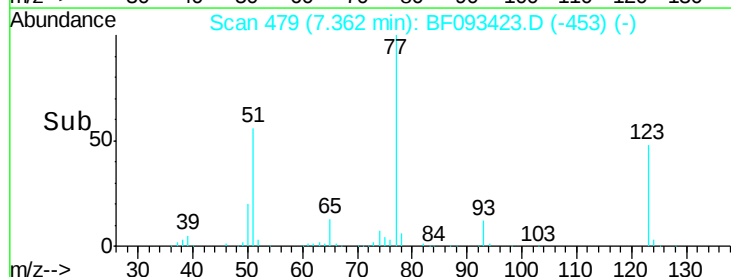
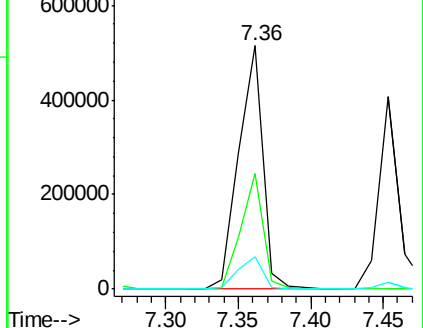
65 13.2 11.2 16.8

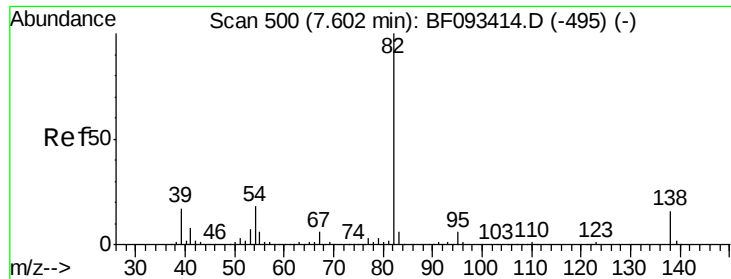


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.20 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

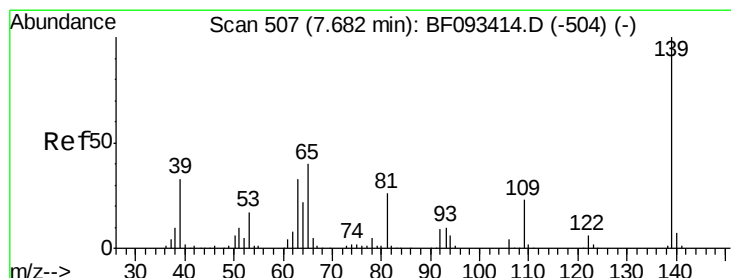
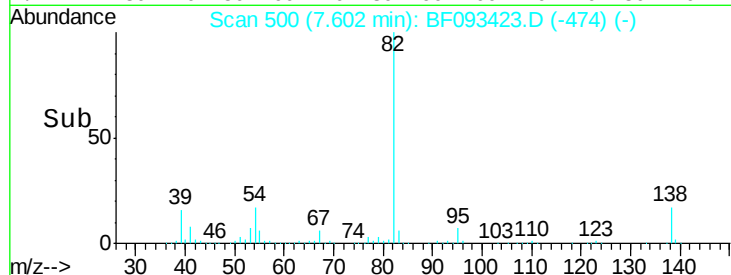
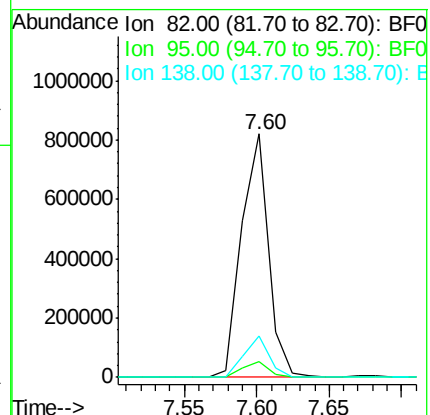
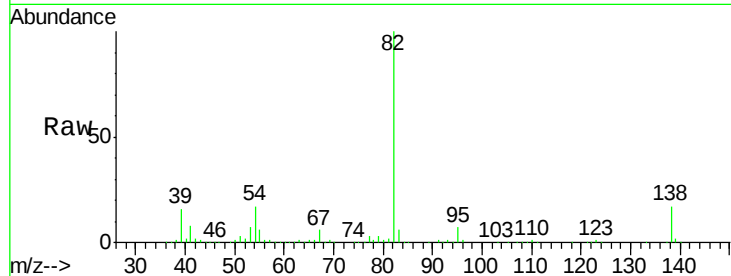
Tgt Ion: 82 Resp: 1060263

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.9 14.6 22.0



#26

2-Nitrophenol

Concen: 44.19 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

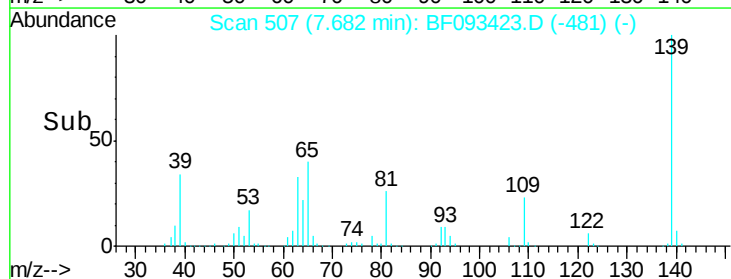
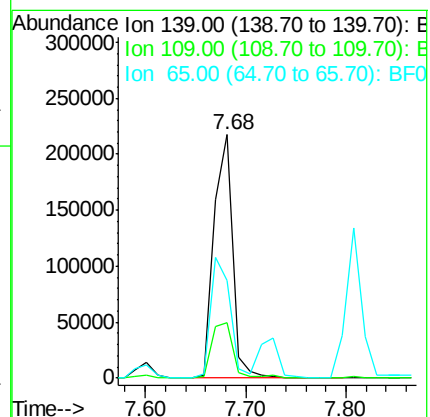
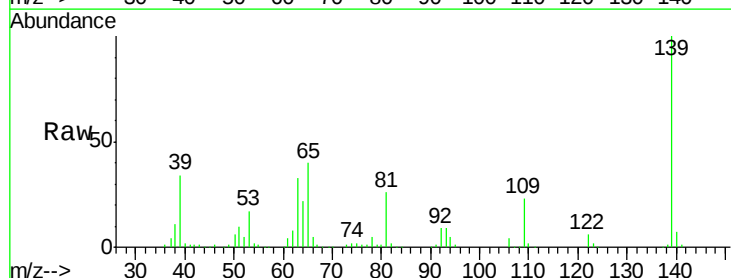
Tgt Ion: 139 Resp: 282291

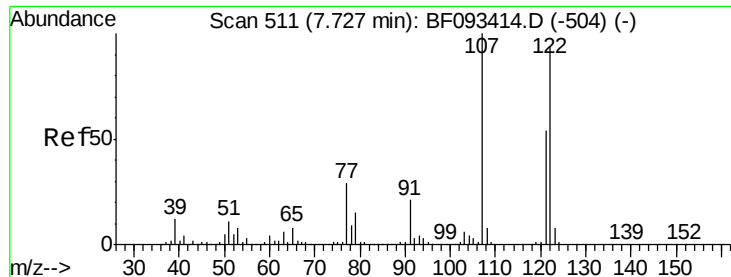
Ion Ratio Lower Upper

139 100

109 22.5 23.3 34.9#

65 40.4 42.7 64.1#

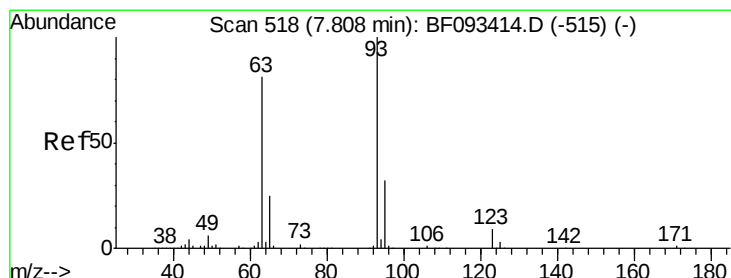
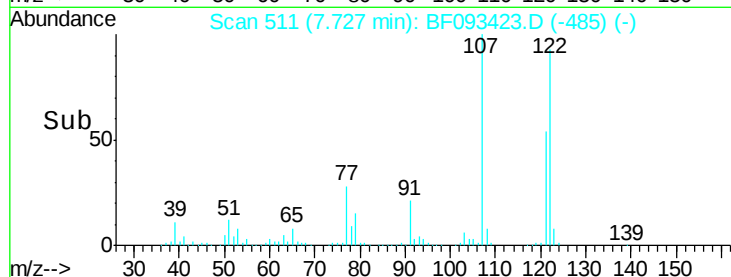
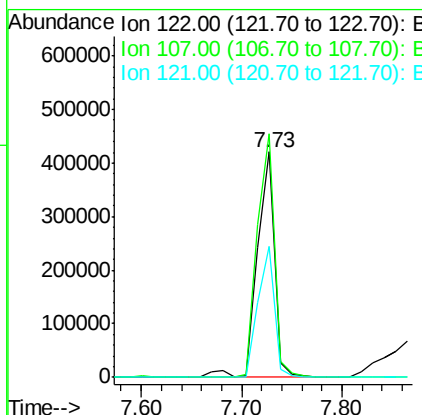
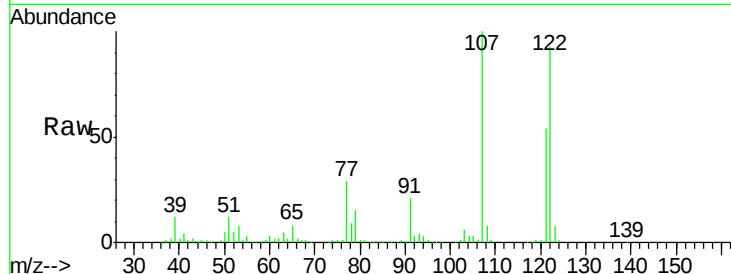




#27  
 2,4-Dimethylphenol  
 Concen: 48.19 ng  
 RT: 7.73 min Scan# 511  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

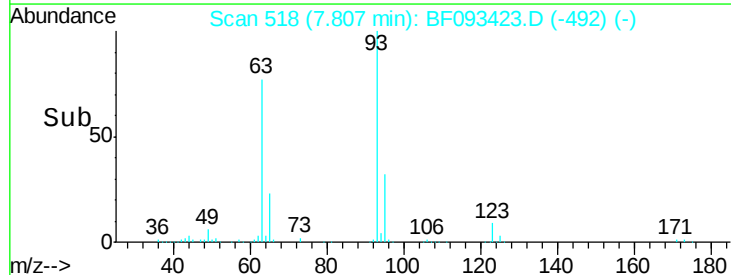
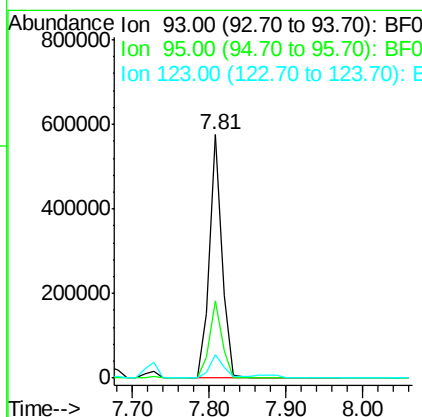
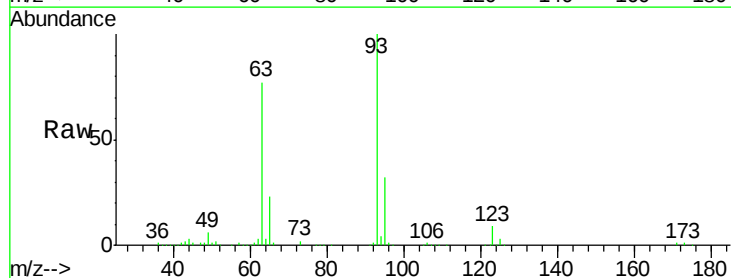
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

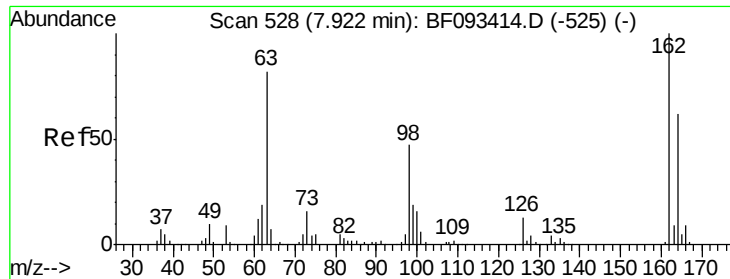
Tgt Ion: 122 Resp: 500844  
 Ion Ratio Lower Upper  
 122 100  
 107 108.0 94.1 141.1  
 121 58.1 46.0 69.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.60 ng  
 RT: 7.81 min Scan# 518  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Tgt Ion: 93 Resp: 643919  
 Ion Ratio Lower Upper  
 93 100  
 95 32.0 26.5 39.7  
 123 9.4 8.6 13.0

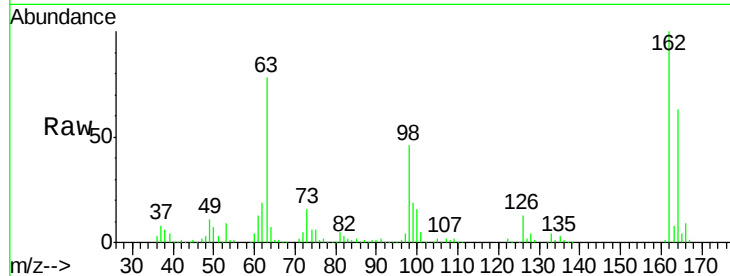




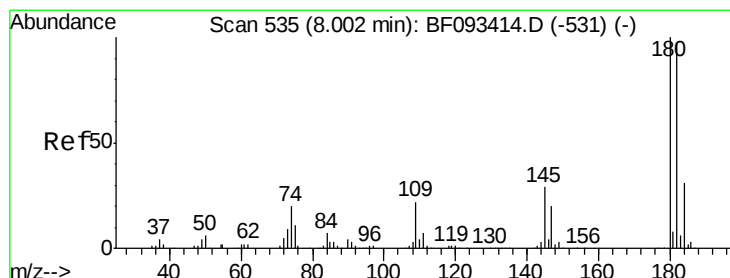
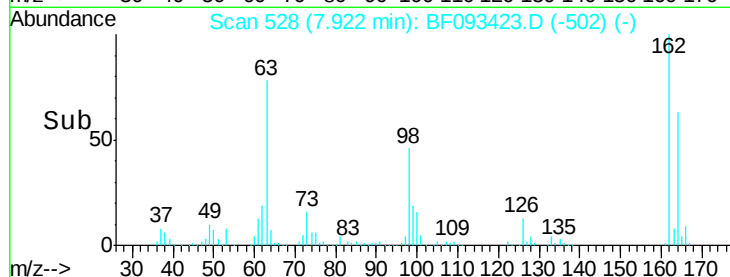
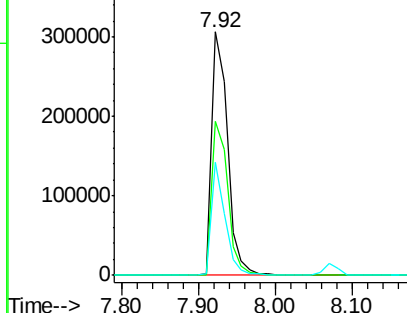
#29  
 2,4-Dichlorophenol  
 Concen: 44.76 ng  
 RT: 7.92 min Scan# 528  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

Tgt Ion:162 Resp: 437563  
 Ion Ratio Lower Upper  
 162 100  
 164 63.2 46.8 86.8  
 98 46.5 9.1 49.1

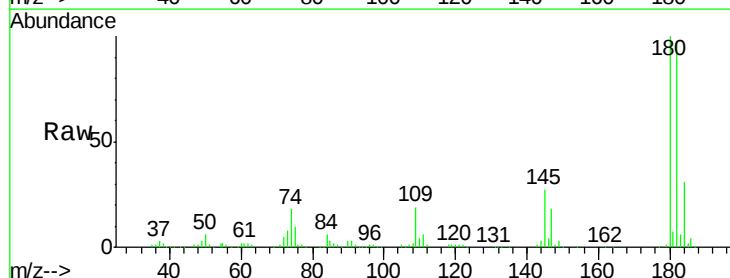


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

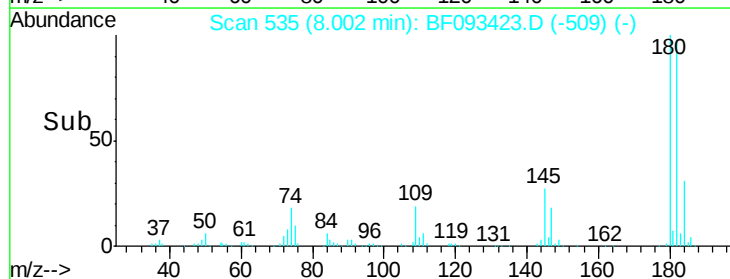
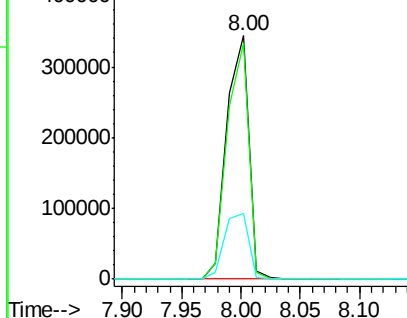


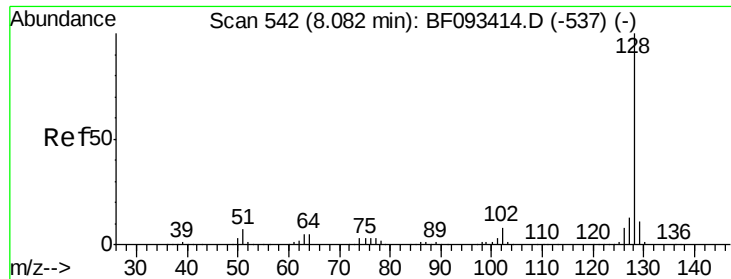
#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.53 ng  
 RT: 8.00 min Scan# 535  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Tgt Ion:180 Resp: 442196  
 Ion Ratio Lower Upper  
 180 100  
 182 96.9 78.2 117.4  
 145 27.1 21.6 32.4



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

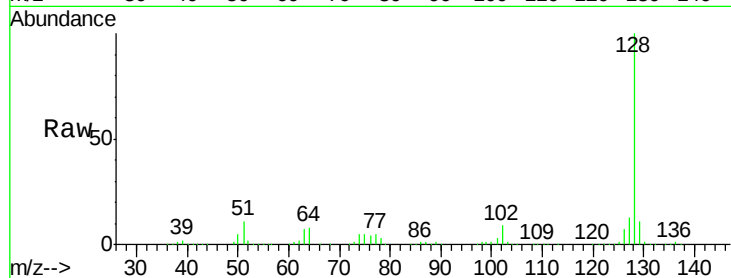




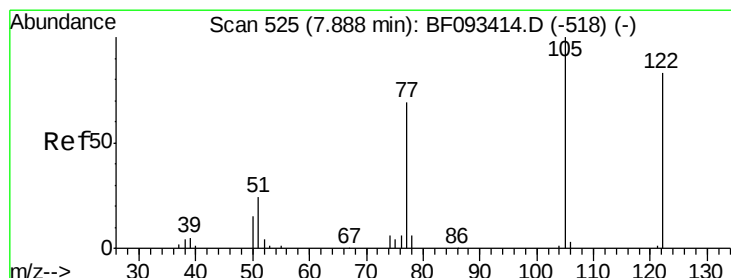
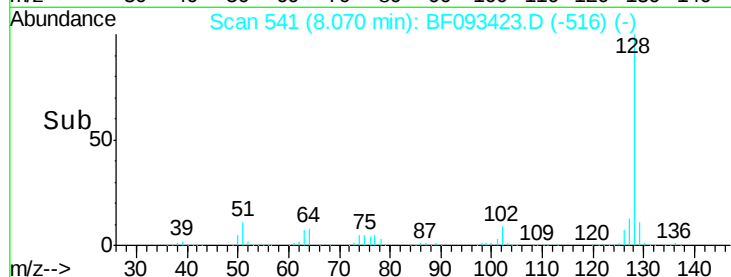
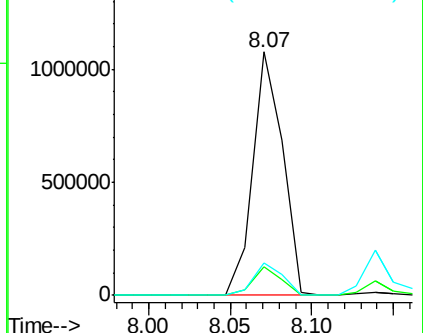
#31  
Naphthalene  
Concen: 39.52 ng  
RT: 8.07 min Scan# 541  
Delta R.T. -0.01 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB97390BSD

Tgt Ion:128 Resp: 1368911  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.5 14.3  
127 13.5 10.8 16.2

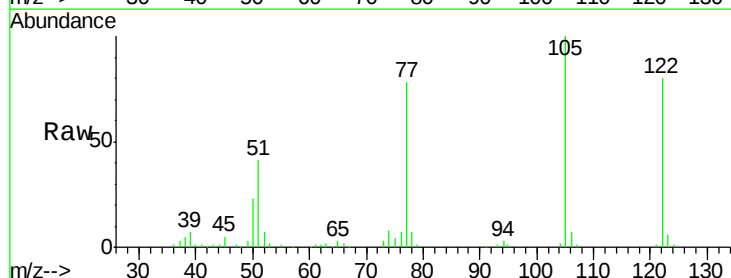


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

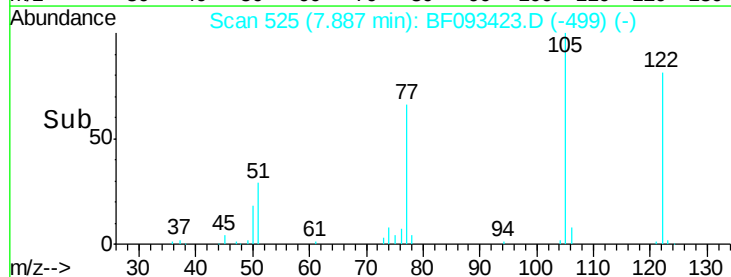
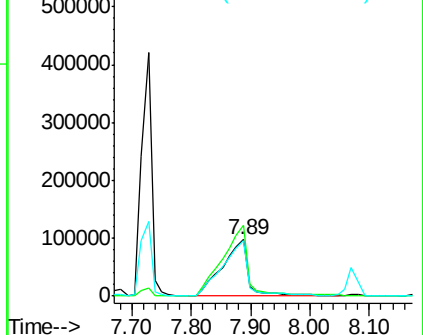


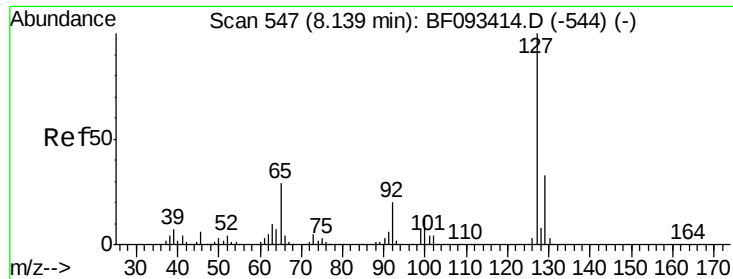
#32  
Benzoic acid  
Concen: 53.83 ng  
RT: 7.89 min Scan# 525  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Tgt Ion:122 Resp: 290722  
Ion Ratio Lower Upper  
122 100  
105 124.9 107.2 147.2  
77 97.9 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0

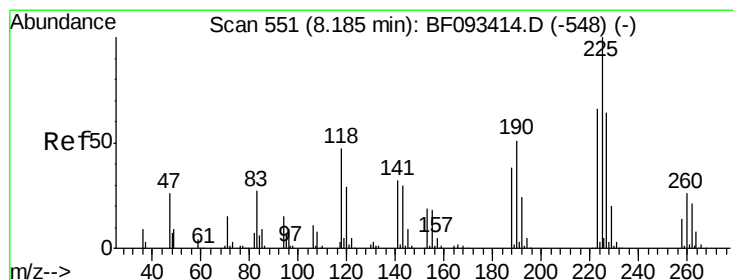
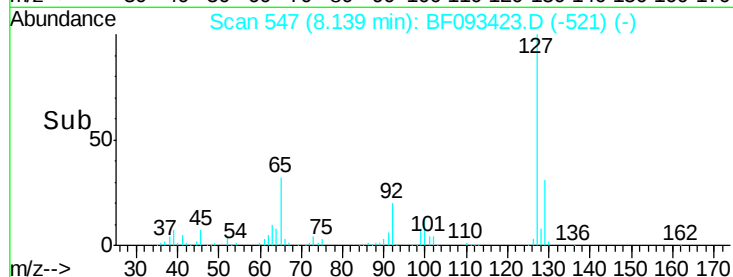
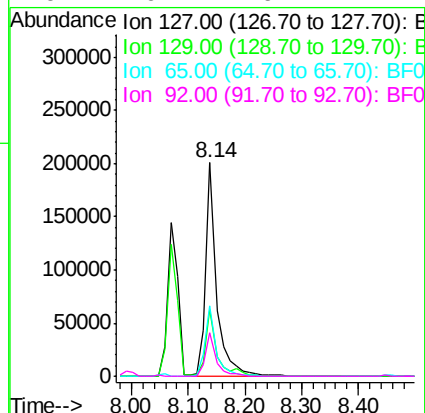
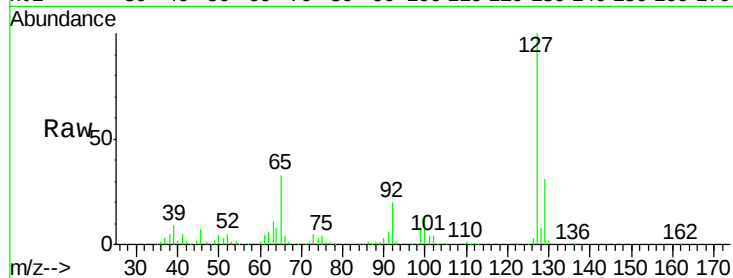




#33  
 4-Chloroaniline  
 Concen: 18.46 ng  
 RT: 8.14 min Scan# 547  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

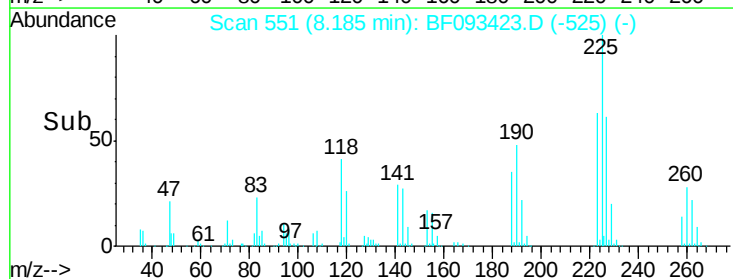
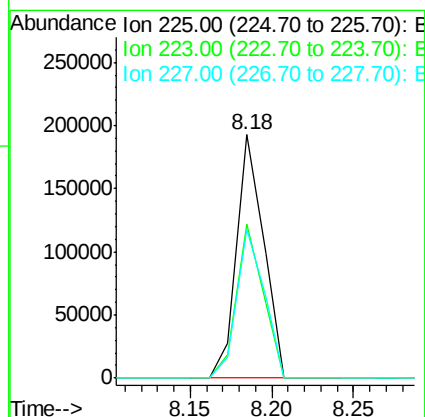
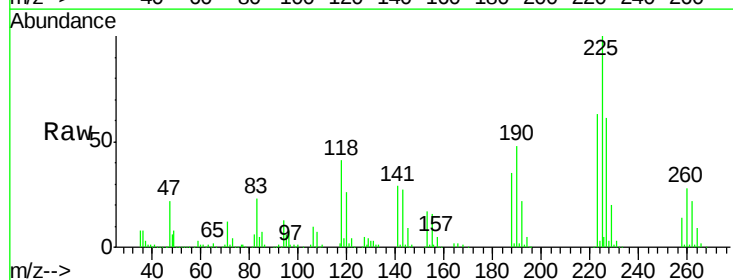
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

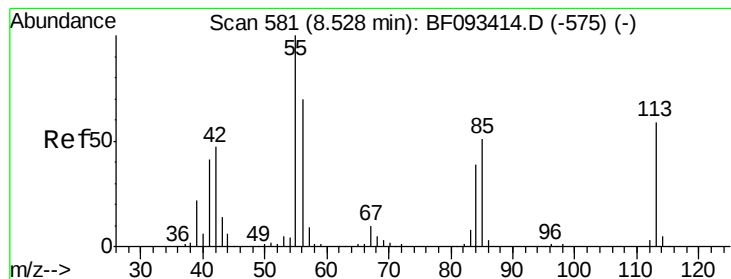
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 259545 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.3  | 26.3  | 39.5   |
| 65       | 32.9  | 25.8  | 38.8   |
| 92       | 20.1  | 16.1  | 24.1   |



#34  
 Hexachlorobutadiene  
 Concen: 40.94 ng  
 RT: 8.18 min Scan# 551  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 219243 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 51.0  | 76.6   |
| 227      | 61.3  | 50.6  | 76.0   |





#35

Caprolactam

Concen: 29.33 ng

RT: 8.52 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

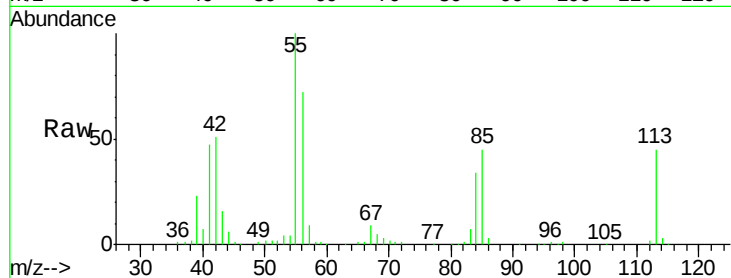
Tgt Ion:113 Resp: 97947

Ion Ratio Lower Upper

113 100

55 220.3 119.2 159.2#

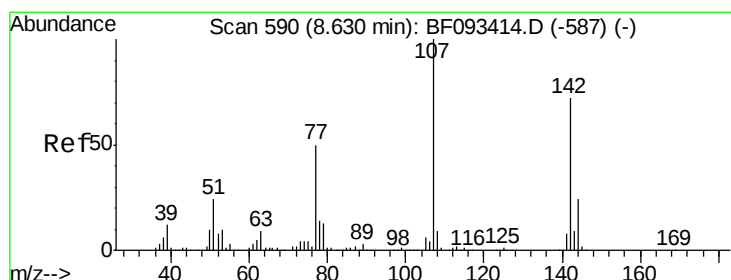
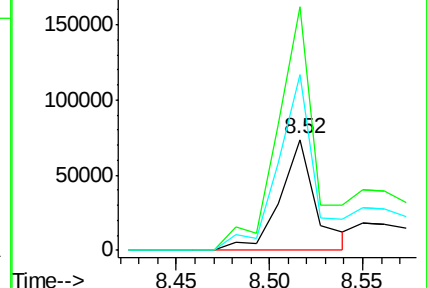
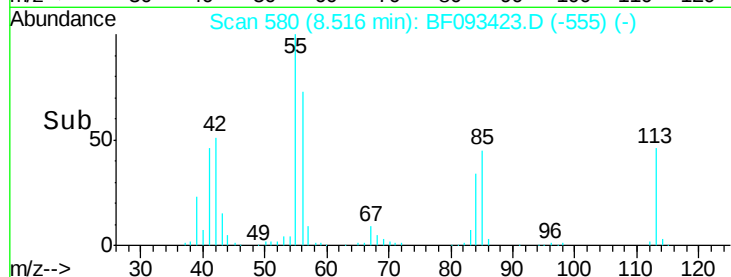
56 159.2 83.8 123.8#



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: 44.06 ng

RT: 8.64 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

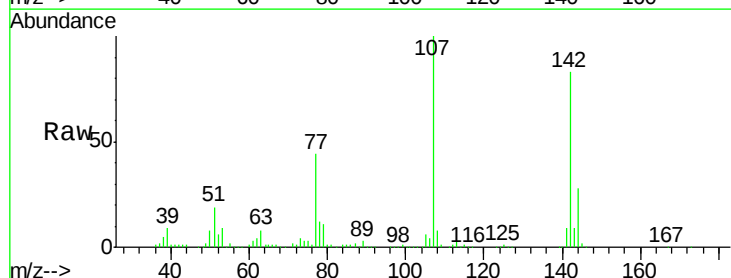
Tgt Ion:107 Resp: 459765

Ion Ratio Lower Upper

107 100

144 27.5 19.3 28.9

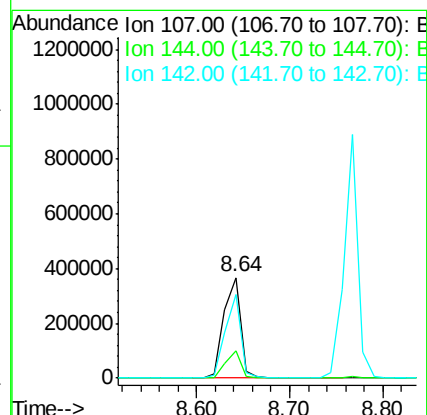
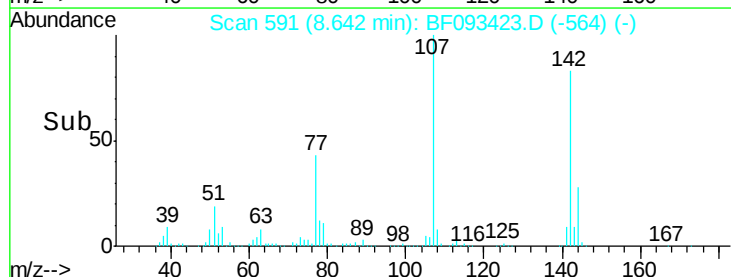
142 83.3 59.0 88.6

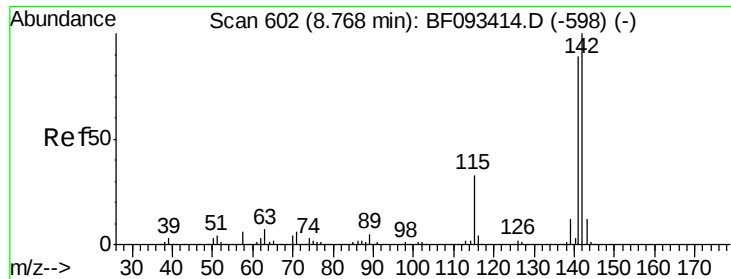


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

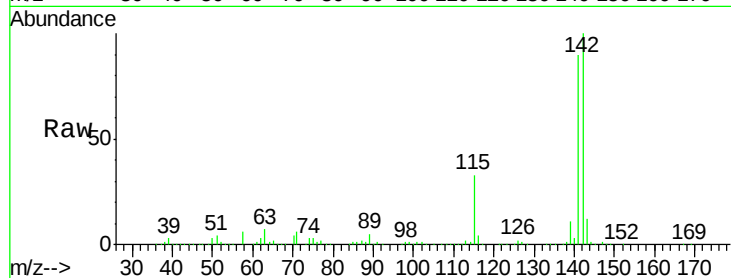




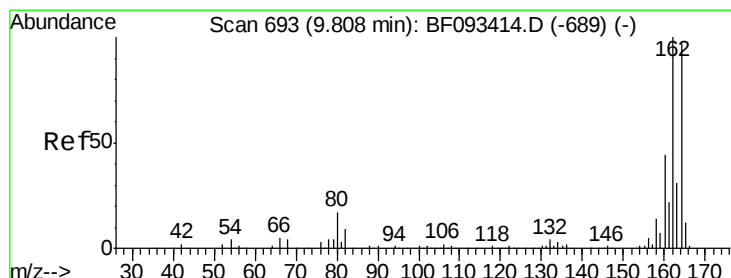
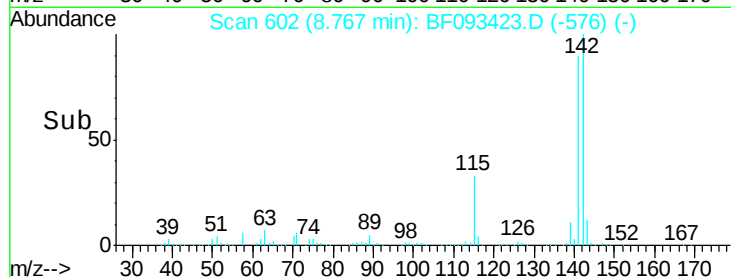
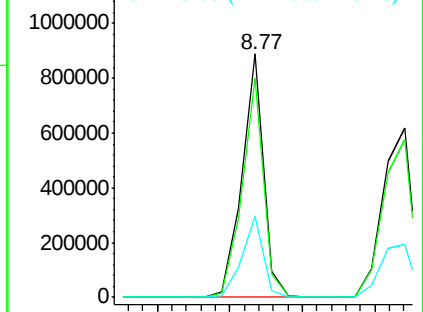
#37  
 2-Methylnaphthalene  
 Concen: 41.44 ng  
 RT: 8.77 min Scan# 602  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

Tgt Ion:142 Resp: 913260  
 Ion Ratio Lower Upper  
 142 100  
 141 90.1 71.0 106.6  
 115 33.1 28.3 42.5

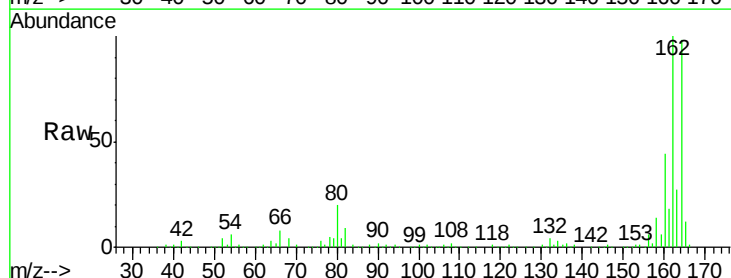


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

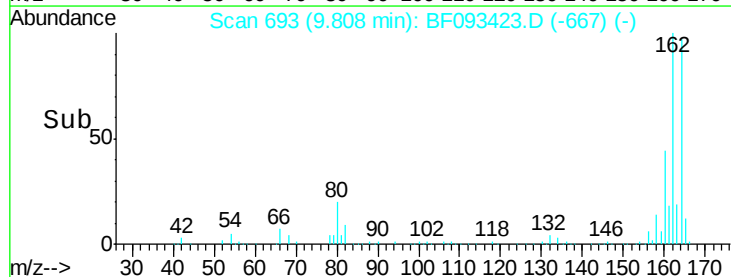
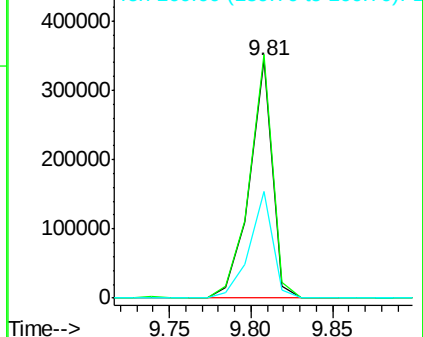


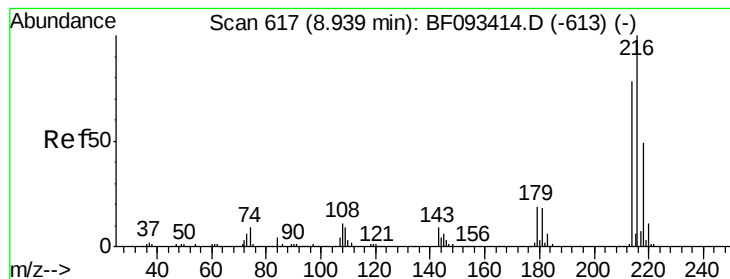
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.81 min Scan# 693  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Tgt Ion:164 Resp: 333659  
 Ion Ratio Lower Upper  
 164 100  
 162 102.3 80.2 120.2  
 160 44.9 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.91 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

Tgt Ion:216 Resp: 409141

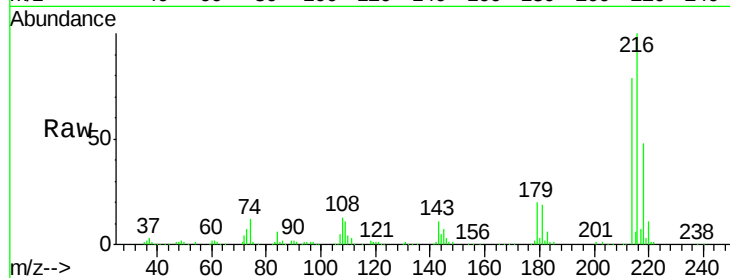
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.0

179 21.7 17.4 26.2

108 19.6 15.6 23.4

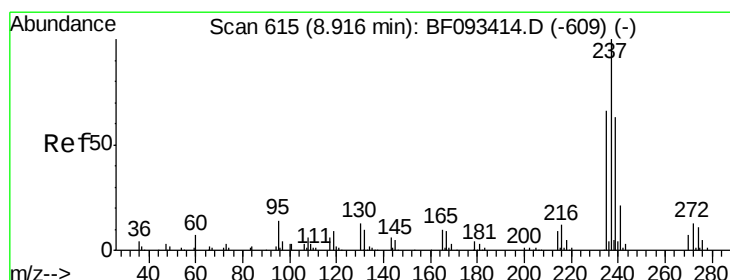
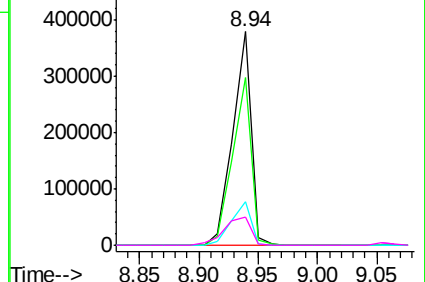
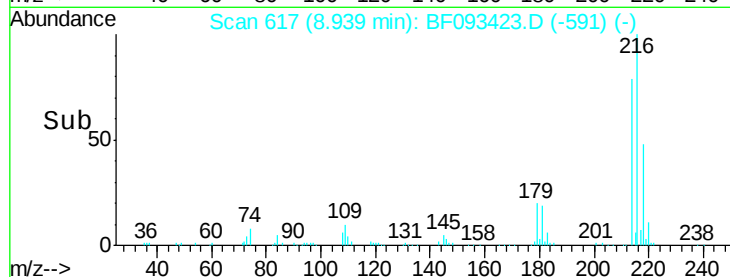


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 93.85 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

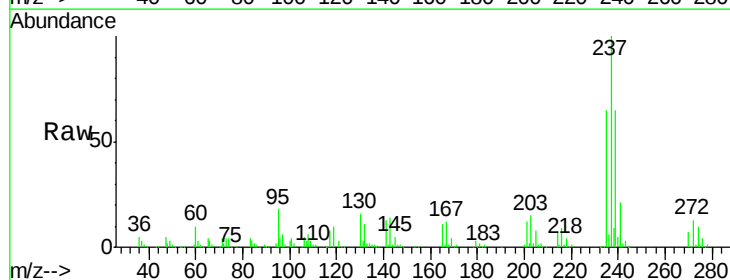
Tgt Ion:237 Resp: 221419

Ion Ratio Lower Upper

237 100

235 64.6 41.2 81.2

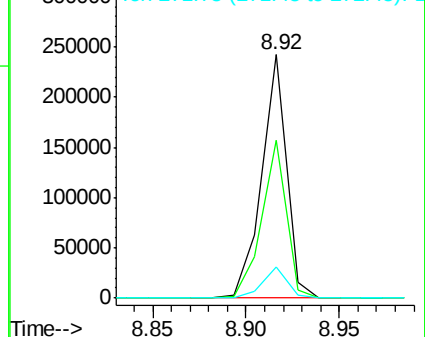
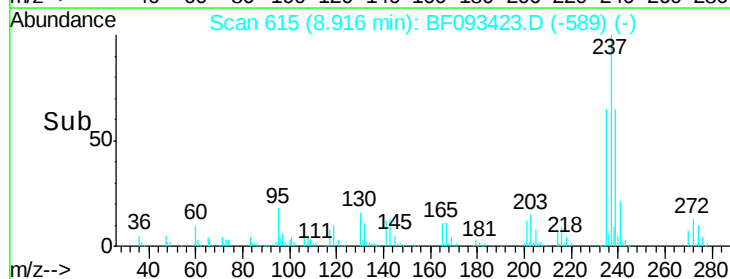
272 12.6 0.0 35.4

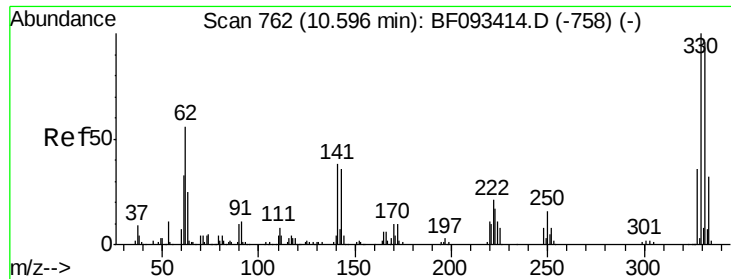


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

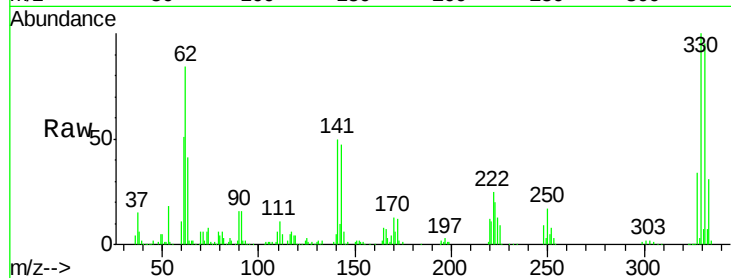




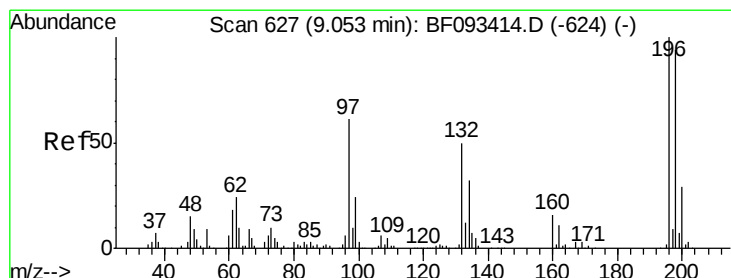
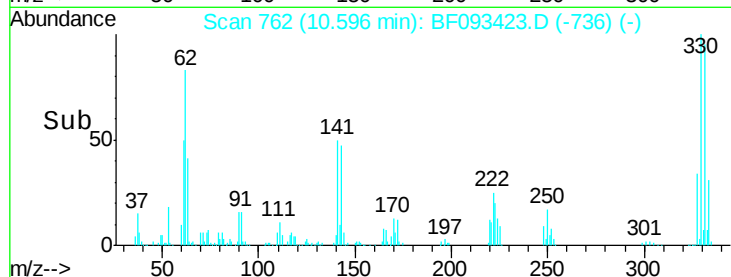
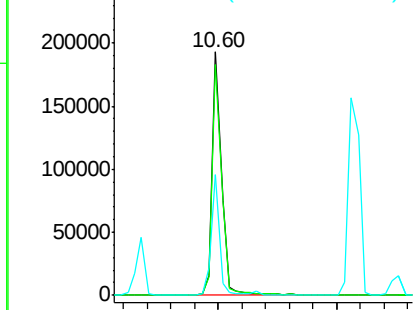
#41  
 2,4,6-Tribromophenol  
 Concen: 97.27 ng  
 RT: 10.60 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

Tgt Ion:330 Resp: 211454  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 77.4 116.2  
 141 43.3 34.1 51.1

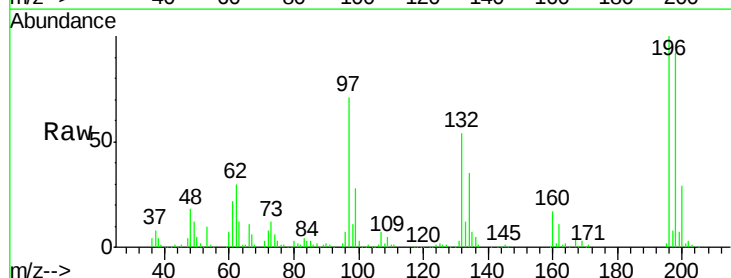


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

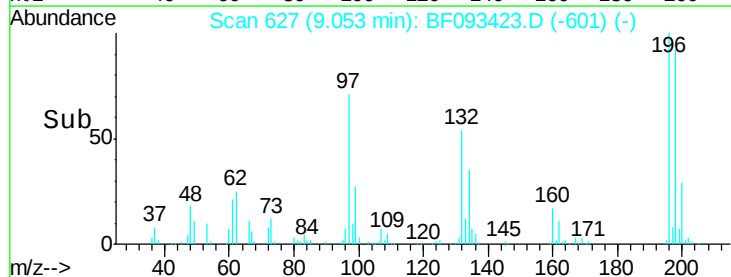
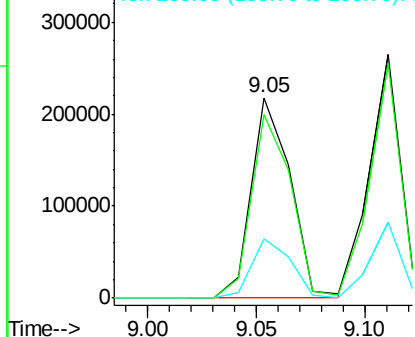


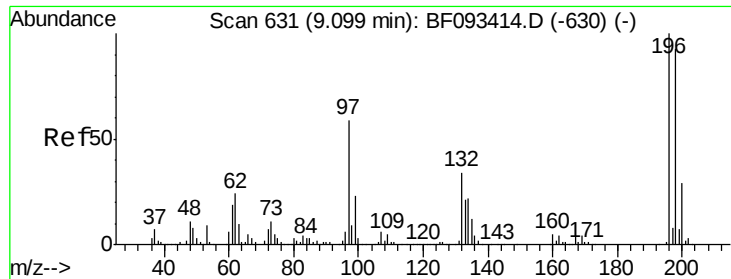
#42  
 2,4,6-Trichlorophenol  
 Concen: 47.82 ng  
 RT: 9.05 min Scan# 627  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Tgt Ion:196 Resp: 272207  
 Ion Ratio Lower Upper  
 196 100  
 198 91.5 82.1 123.1  
 200 29.3 27.0 40.4



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

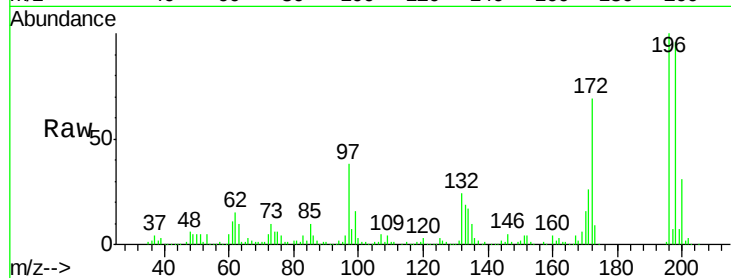




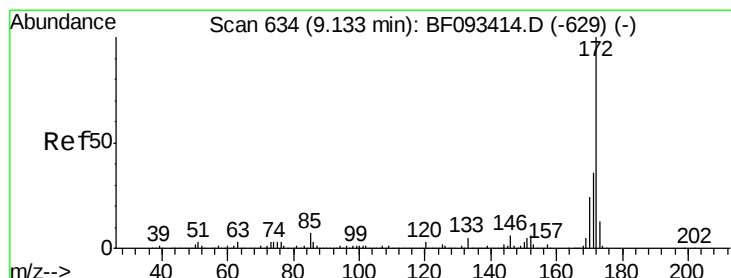
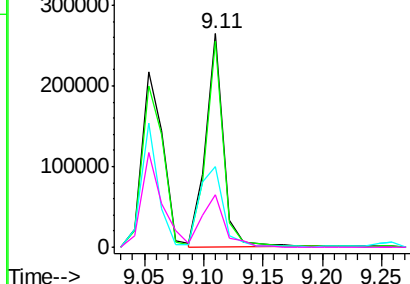
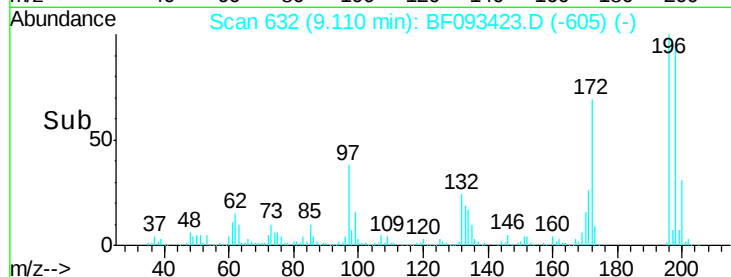
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.26 ng  
 RT: 9.11 min Scan# 632  
 Delta R.T. 0.01 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

Tgt Ion:196 Resp: 276429  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 79.4 119.2  
 97 37.9 51.5 77.3#  
 132 24.5 27.4 41.2#

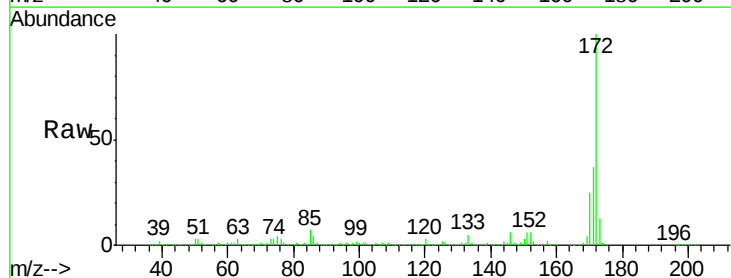


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

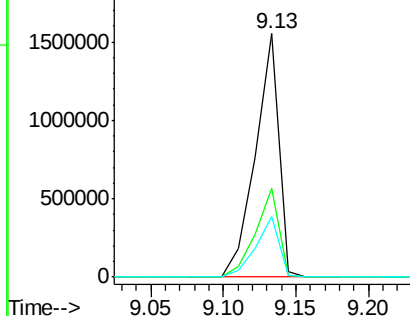
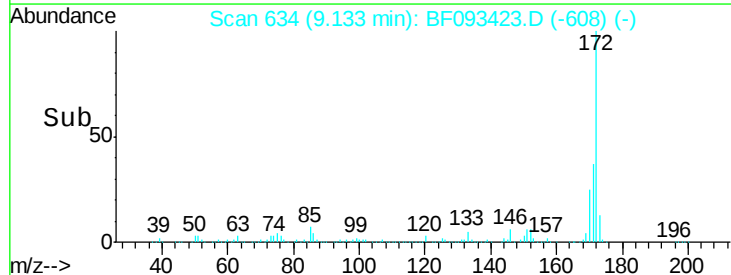


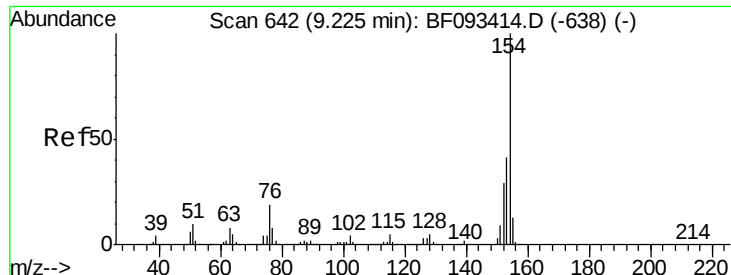
#44  
 2-Fluorobiphenyl  
 Concen: 97.19 ng  
 RT: 9.13 min Scan# 634  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Tgt Ion:172 Resp: 1743444  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 29.4 44.0  
 170 24.7 20.2 30.4



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

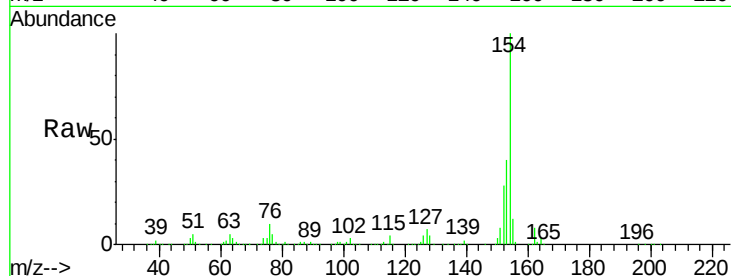




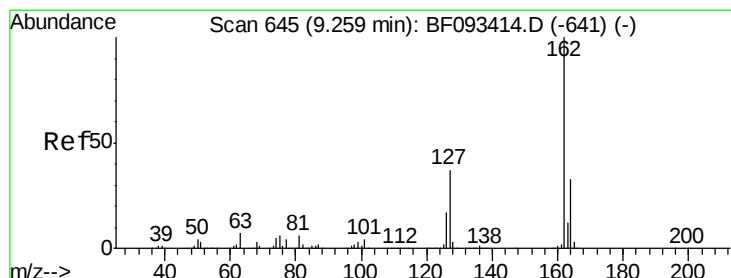
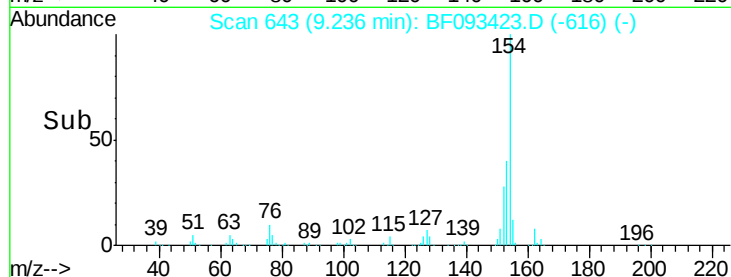
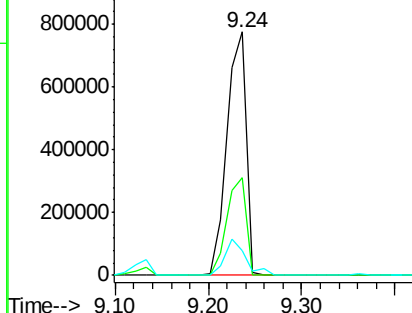
#45  
 1,1'-Biphenyl  
 Concen: 46.00 ng  
 RT: 9.24 min Scan# 643  
 Delta R.T. 0.01 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

Tgt Ion:154 Resp: 1118161  
 Ion Ratio Lower Upper  
 154 100  
 153 40.3 20.9 60.9  
 76 10.1 0.0 30.5

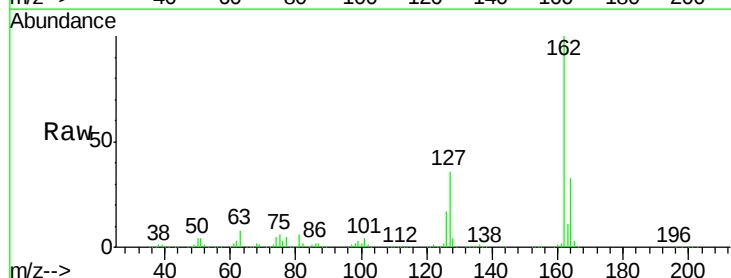


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

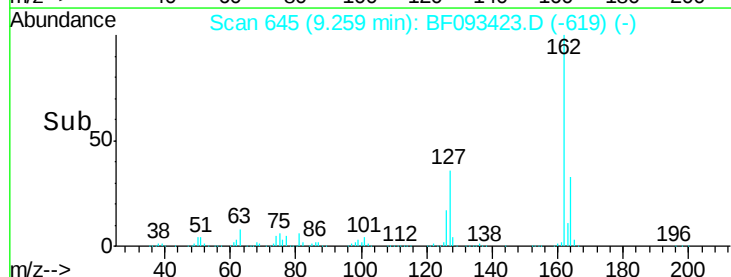
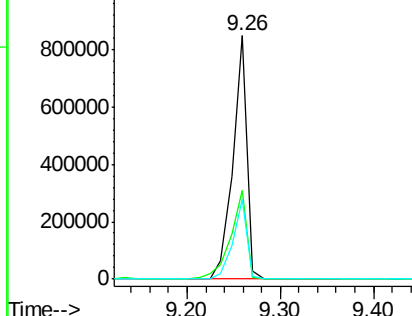


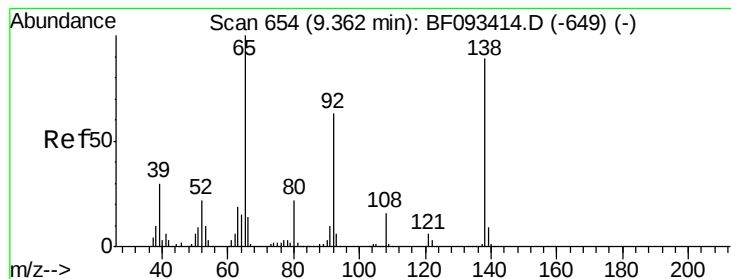
#46  
 2-Chloronaphthalene  
 Concen: 48.18 ng  
 RT: 9.26 min Scan# 645  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Tgt Ion:162 Resp: 896314  
 Ion Ratio Lower Upper  
 162 100  
 127 36.4 30.7 46.1  
 164 33.0 27.6 41.4



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: 43.87 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

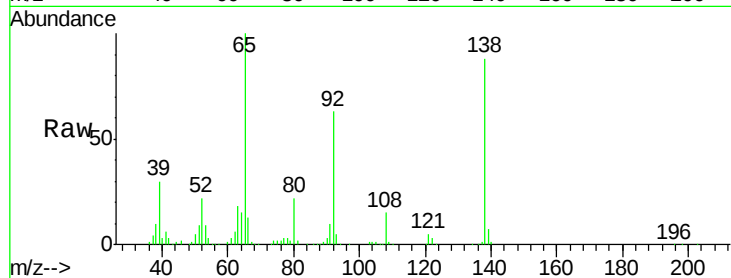
Tgt Ion: 65 Resp: 288529

Ion Ratio Lower Upper

65 100

92 62.6 53.9 80.9

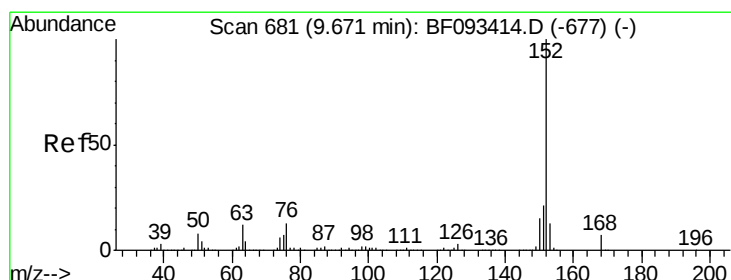
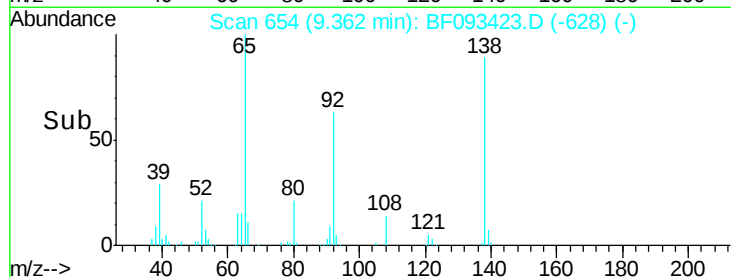
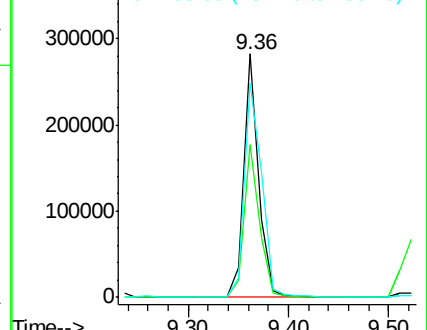
138 87.8 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 43.91 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

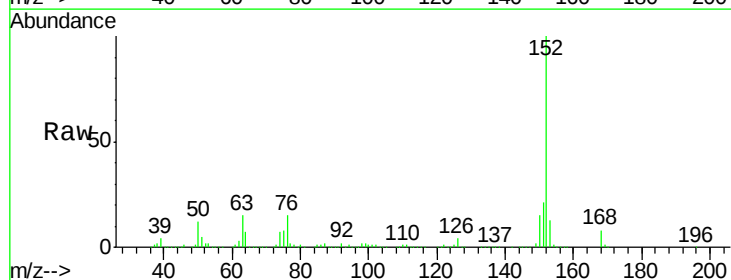
Tgt Ion: 152 Resp: 1347337

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

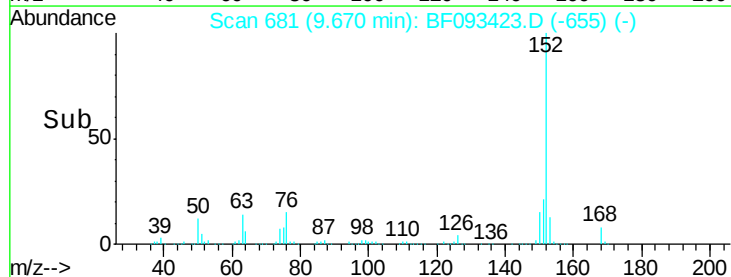
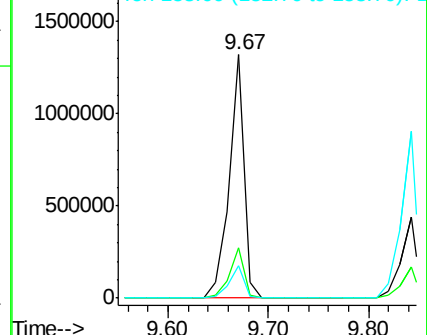
153 13.3 11.4 17.2

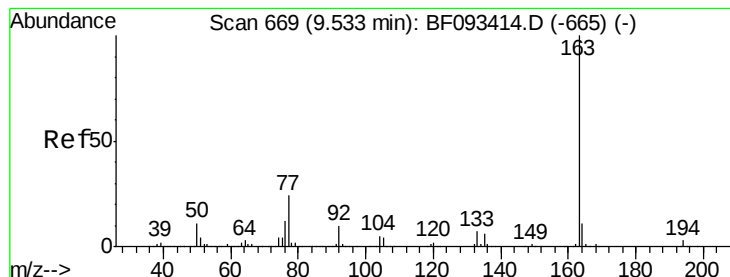


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 46.01 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

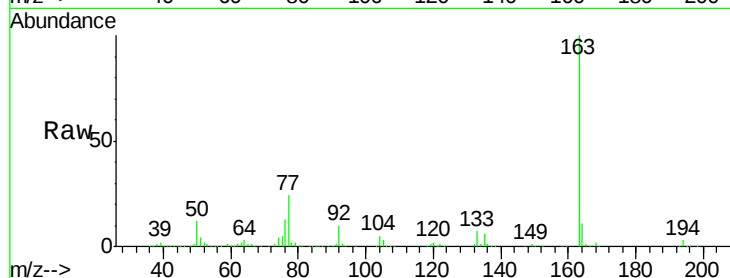
Tgt Ion:163 Resp: 1017738

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

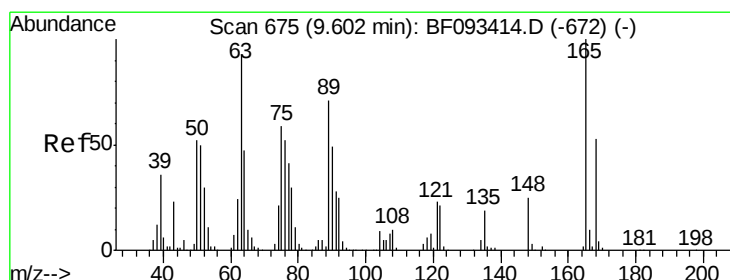
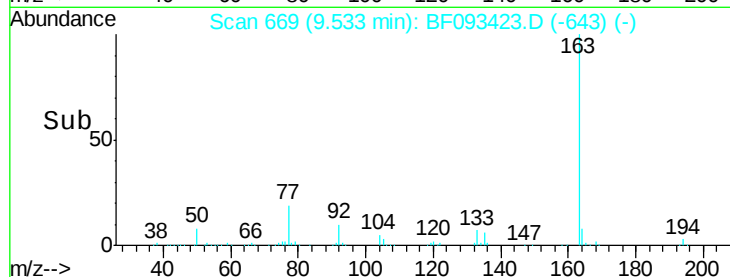
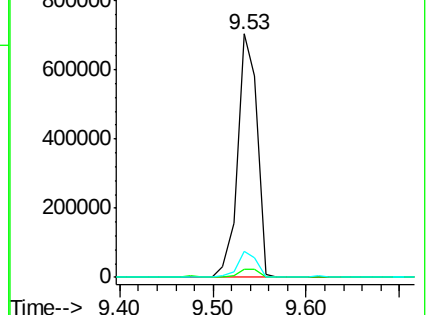
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.87 ng

RT: 9.61 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

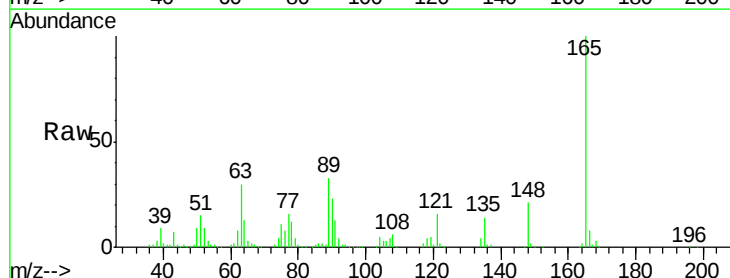
Tgt Ion:165 Resp: 227484

Ion Ratio Lower Upper

165 100

63 29.6 36.2 54.4#

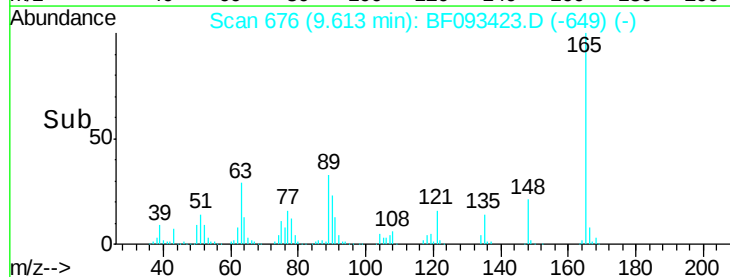
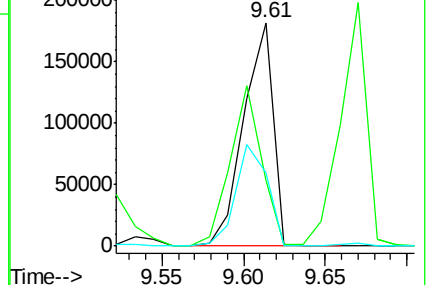
89 32.6 40.2 60.4#

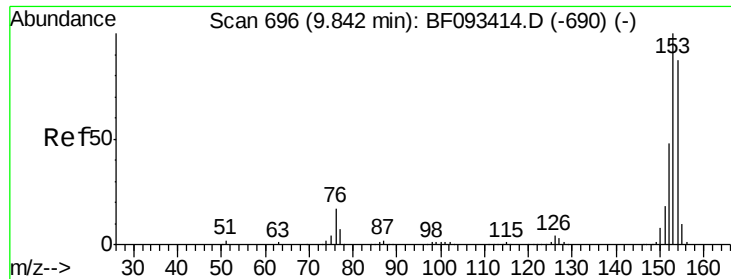


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.74 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

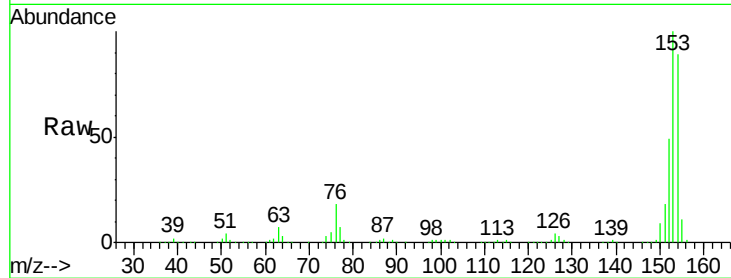
Tgt Ion:154 Resp: 829926

Ion Ratio Lower Upper

154 100

153 112.9 88.6 133.0

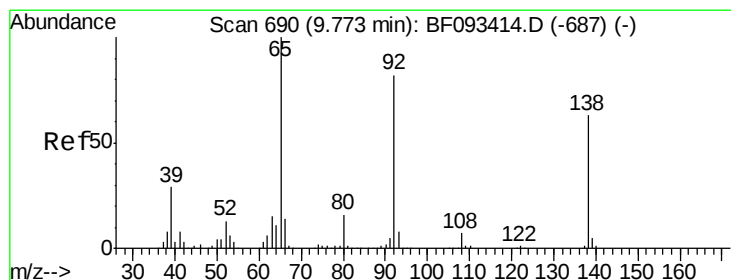
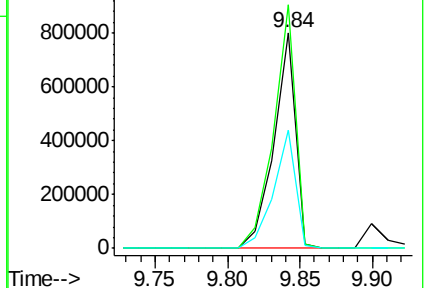
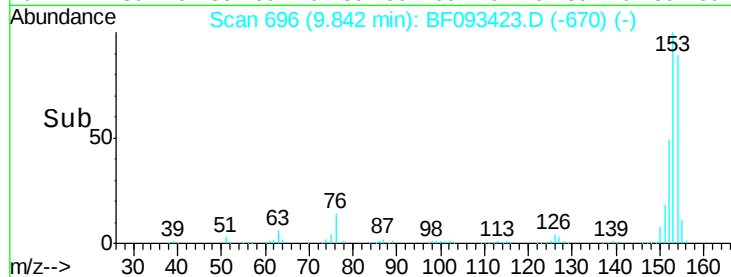
152 55.1 41.6 62.4



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: 24.05 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

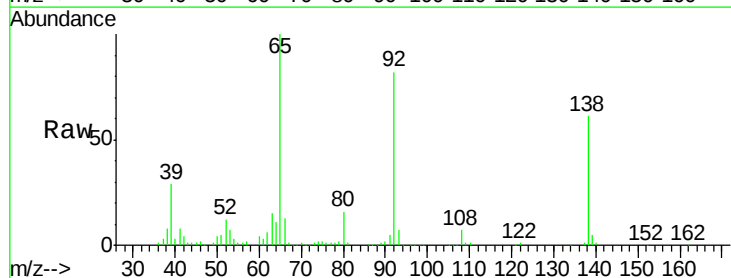
Tgt Ion:138 Resp: 140268

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

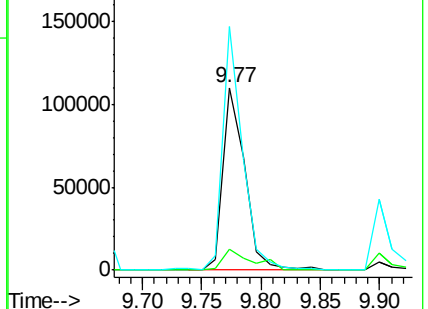
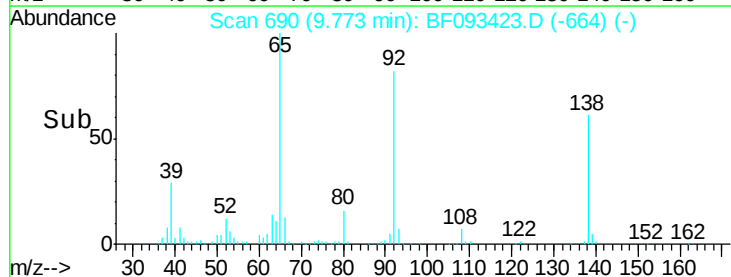
92 133.4 97.8 146.8

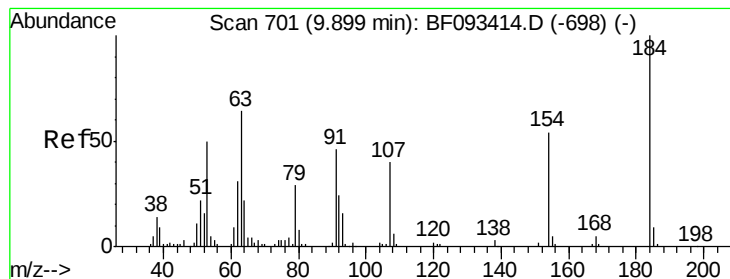


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 81.62 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

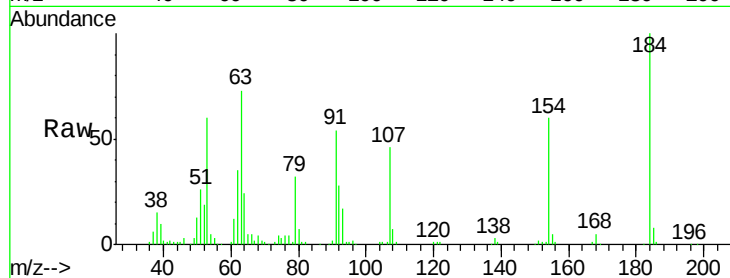
Tgt Ion:184 Resp: 180424

Ion Ratio Lower Upper

184 100

63 72.8 28.4 42.6#

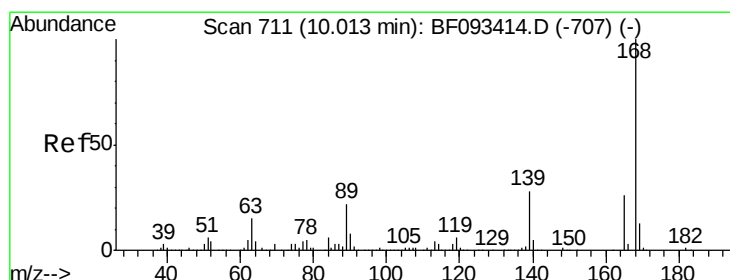
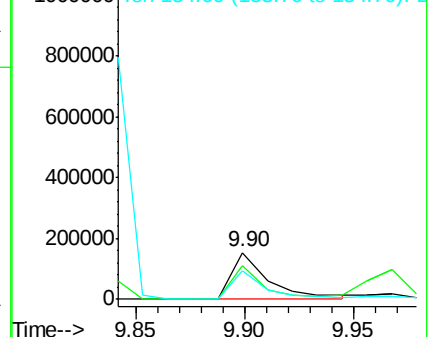
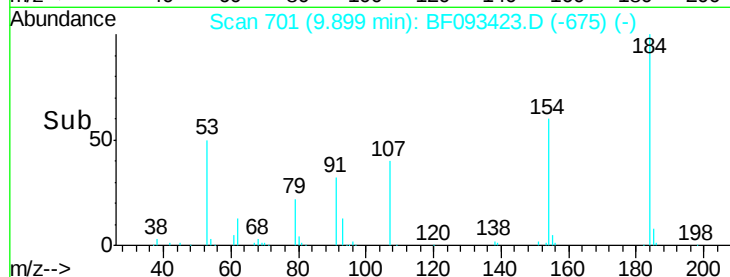
154 60.3 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 51.75 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

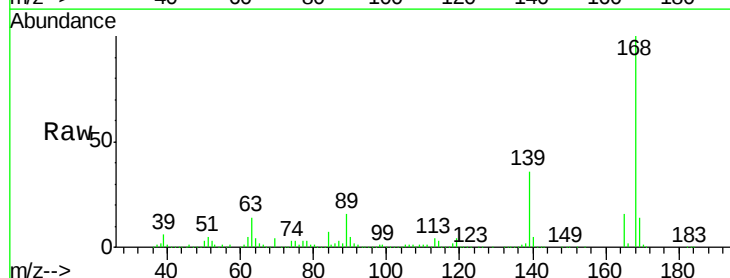
Tgt Ion:168 Resp: 1175307

Ion Ratio Lower Upper

168 100

139 36.5 32.6 49.0

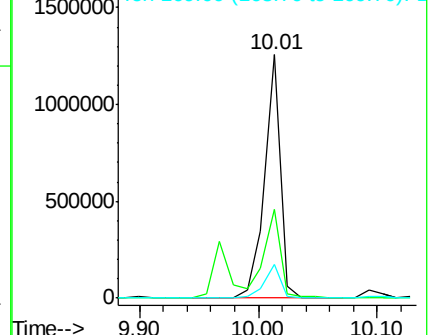
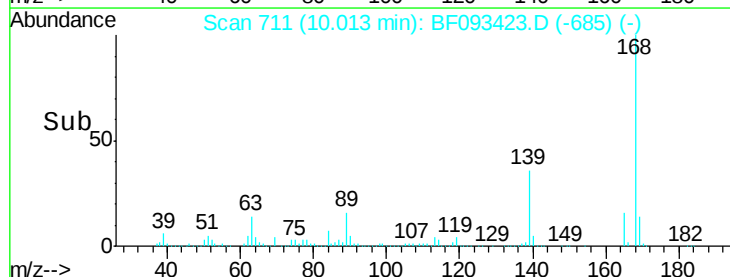
169 13.6 11.3 16.9

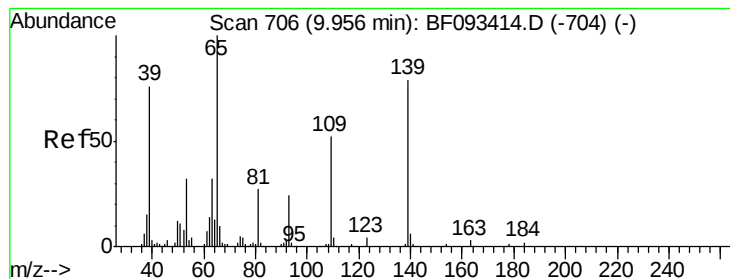


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 102.84 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

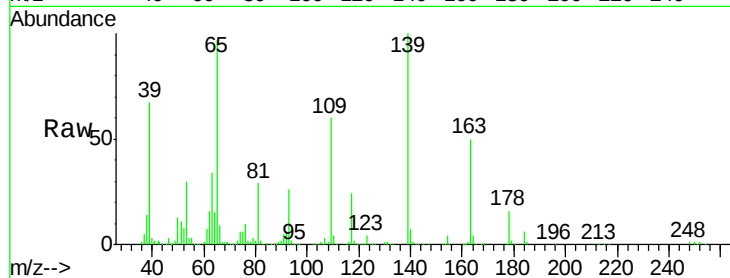
Tgt Ion:139 Resp: 291273

Ion Ratio Lower Upper

139 100

109 59.8 52.2 92.2

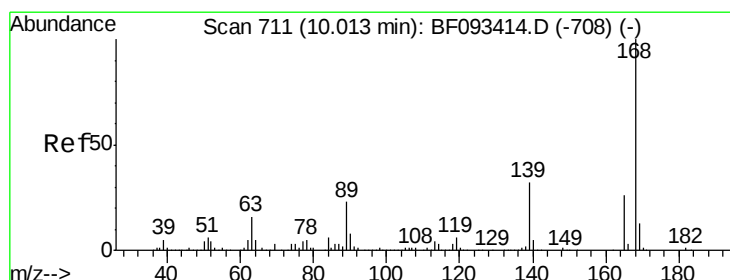
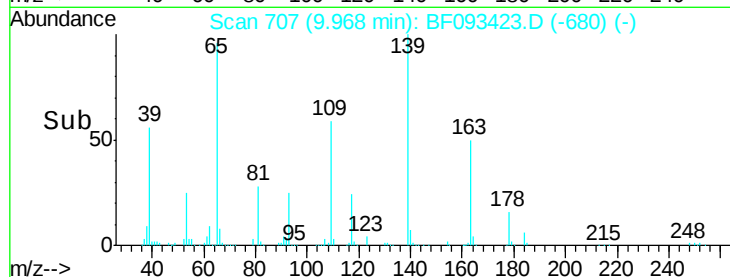
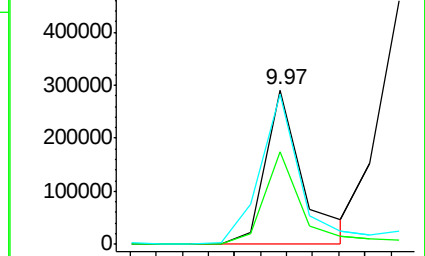
65 97.1 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.96 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Tgt Ion:165 Resp: 268075

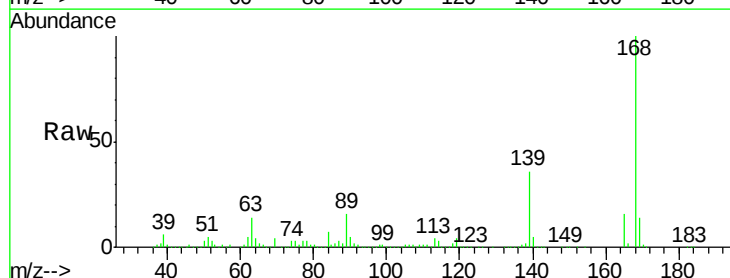
Ion Ratio Lower Upper

165 100

63 86.8 40.2 60.4#

89 100.0 62.5 93.7#

182 2.2 1.8 2.8

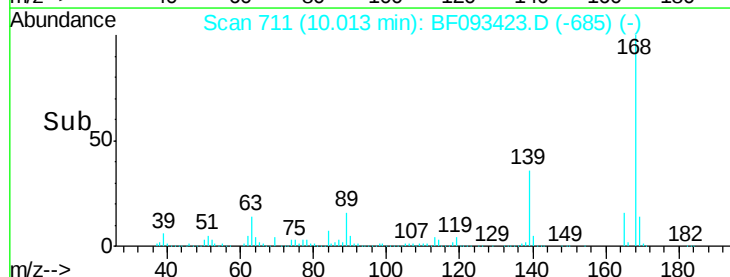
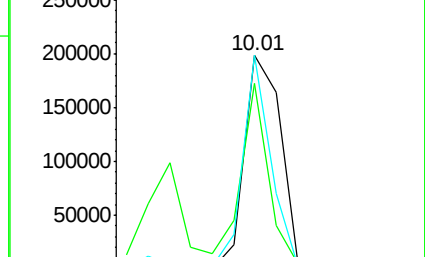


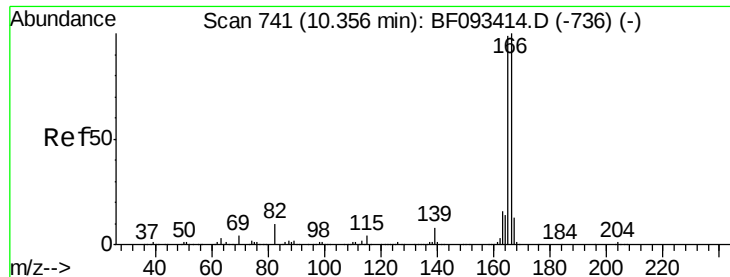
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.97 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

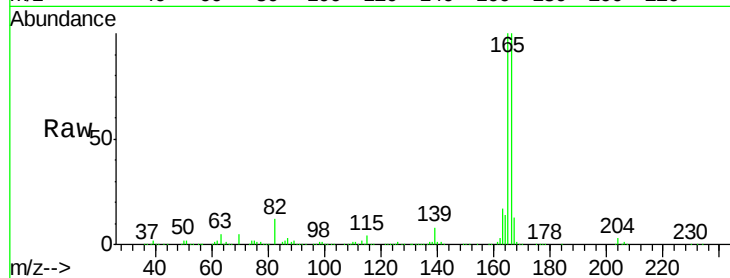
Tgt Ion:166 Resp: 961628

Ion Ratio Lower Upper

166 100

165 100.3 77.8 116.8

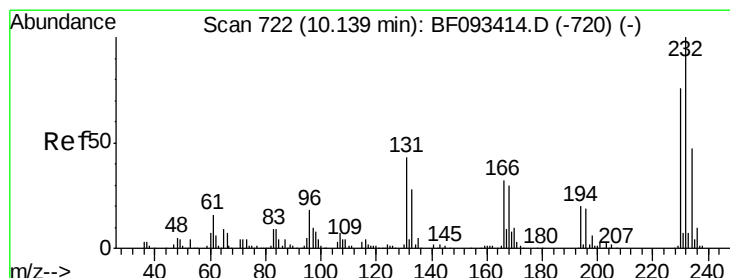
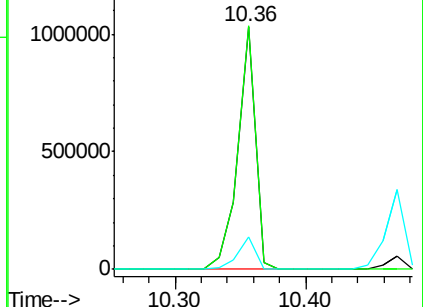
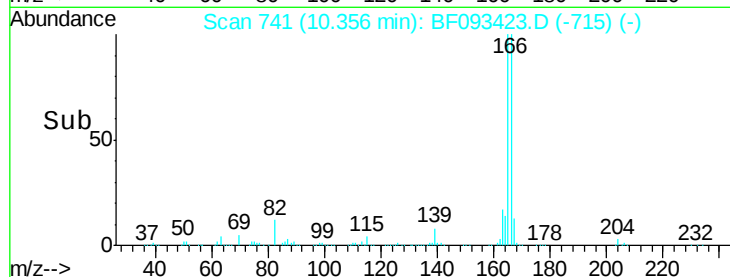
167 13.1 10.8 16.2



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: 53.94 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Tgt Ion:232 Resp: 232526

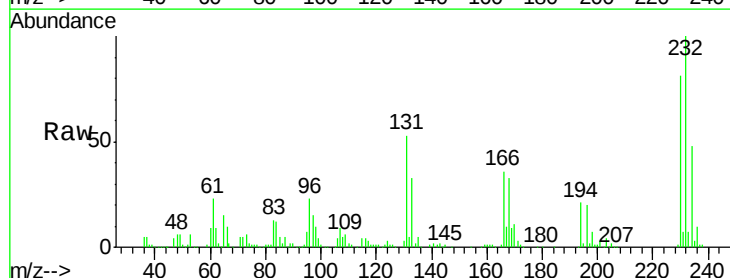
Ion Ratio Lower Upper

232 100

131 45.9 40.1 60.1

130 2.4 1.8 2.8

166 30.6 26.6 39.8

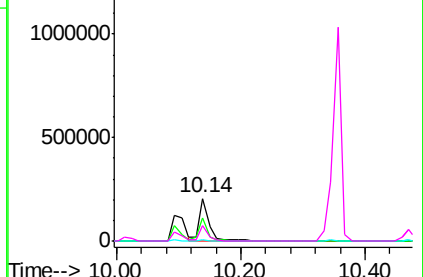
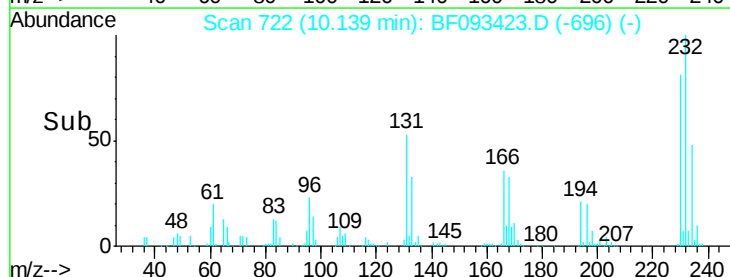


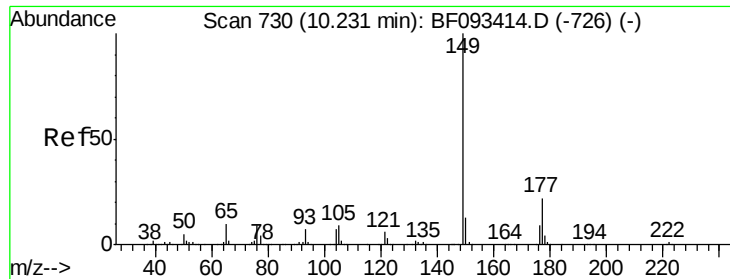
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

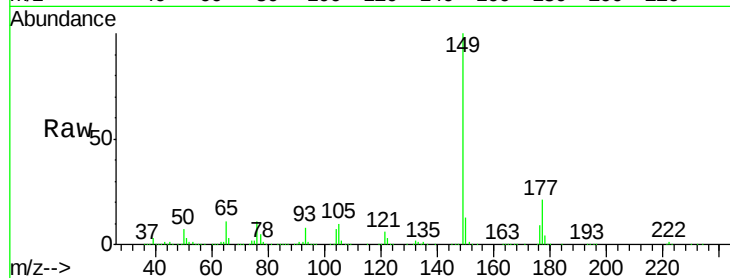




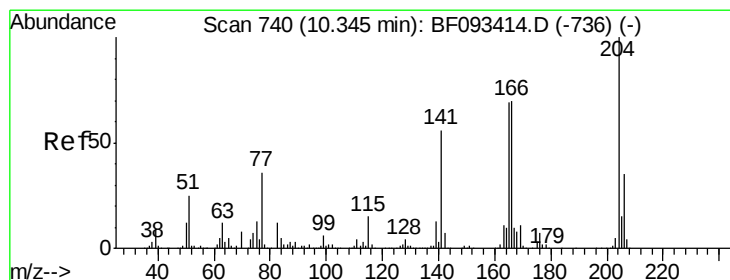
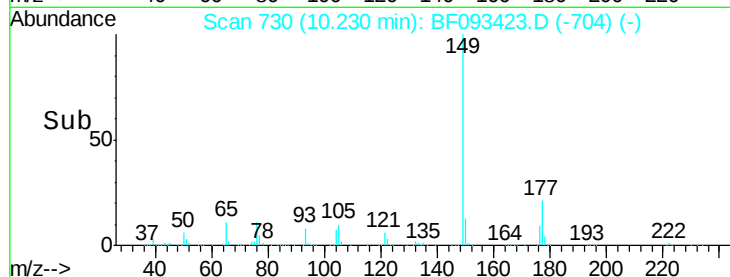
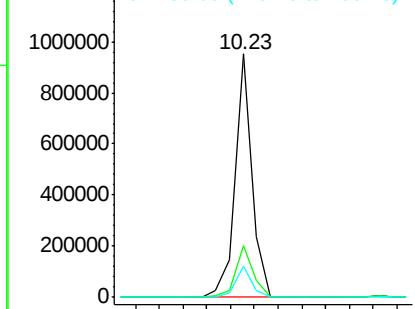
#59  
Diethylphthalate  
Concen: 44.34 ng  
RT: 10.23 min Scan# 730  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB97390BSD

Tgt Ion:149 Resp: 937485  
Ion Ratio Lower Upper  
149 100  
177 21.3 16.6 25.0  
150 12.9 10.4 15.6

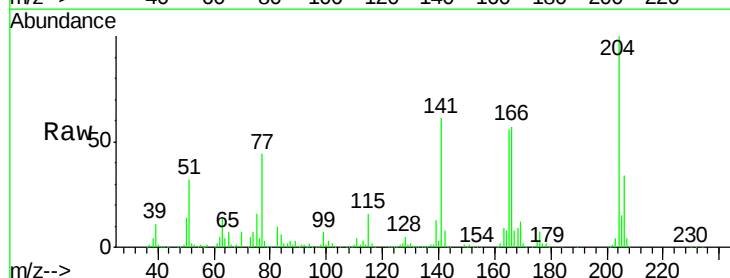


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

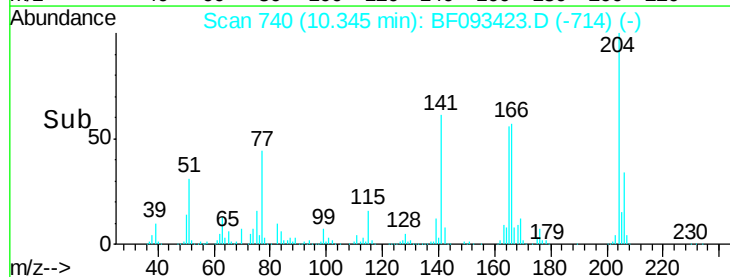
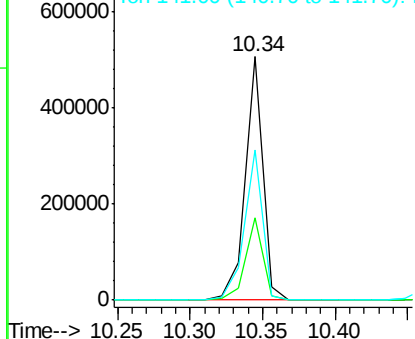


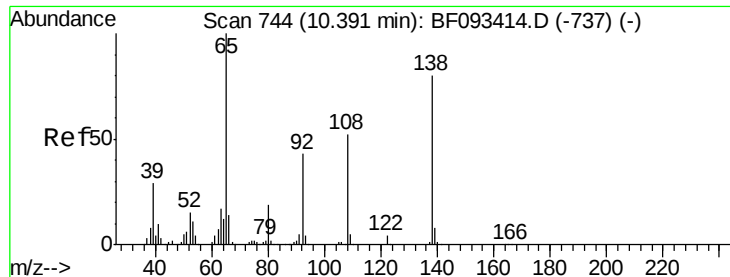
#60  
4-Chlorophenyl-phenylether  
Concen: 49.58 ng  
RT: 10.34 min Scan# 740  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Tgt Ion:204 Resp: 427664  
Ion Ratio Lower Upper  
204 100  
206 33.8 25.8 38.6  
141 61.5 59.4 89.0



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

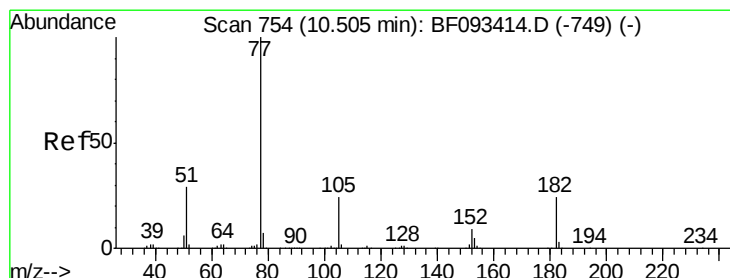
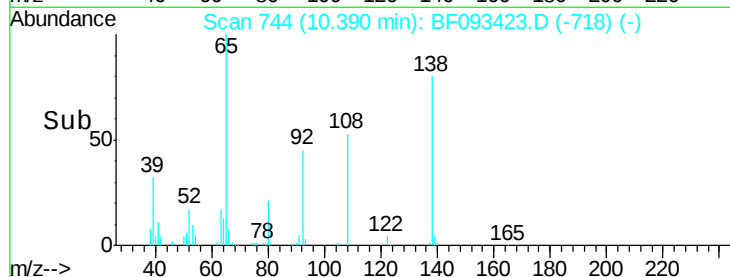
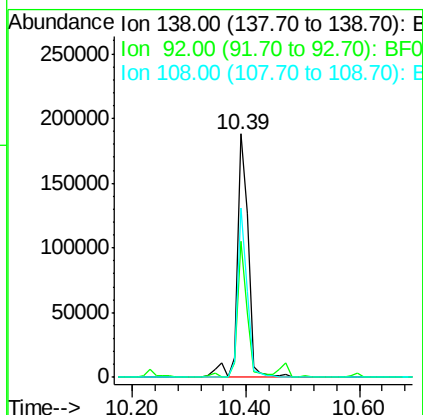
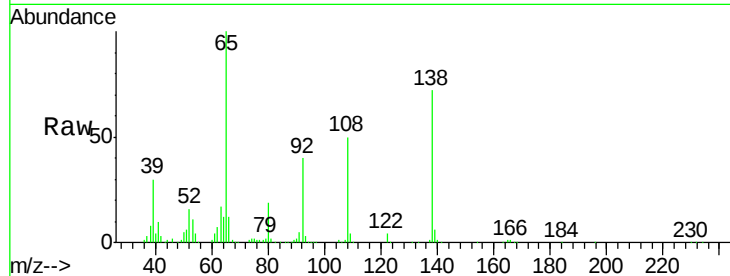




#61  
4-Nitroaniline  
Concen: 42.72 ng  
RT: 10.39 min Scan# 744  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

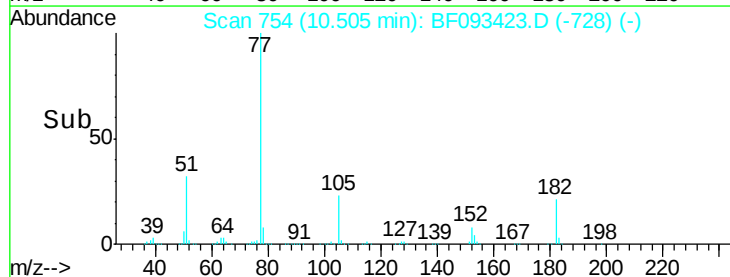
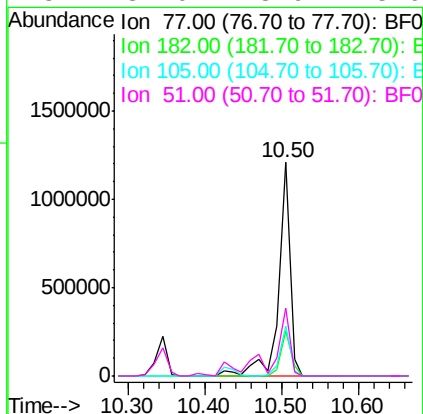
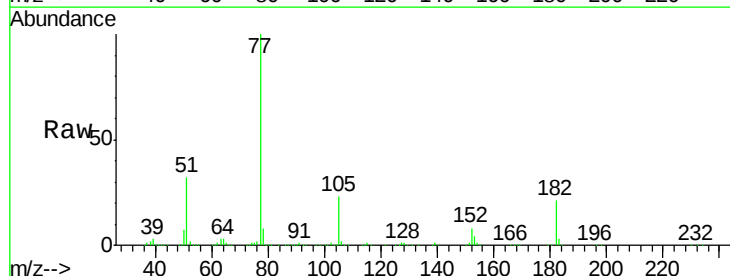
Instrument :  
BNA\_F  
ClientSampleId :  
PB97390BSD

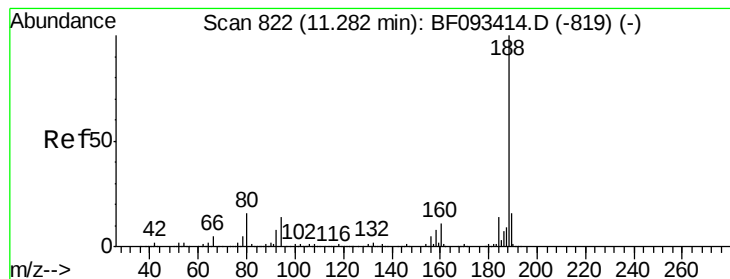
Tgt Ion:138 Resp: 254790  
Ion Ratio Lower Upper  
138 100  
92 56.1 31.7 71.7  
108 69.5 52.6 92.6



#62  
Azobenzene  
Concen: 52.30 ng  
RT: 10.50 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Tgt Ion: 77 Resp: 1256365  
Ion Ratio Lower Upper  
77 100  
182 20.8 0.0 39.3  
105 23.1 2.3 42.3  
51 32.0 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

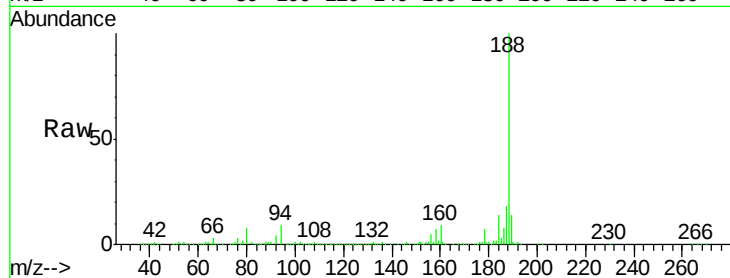
Tgt Ion:188 Resp: 603370

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

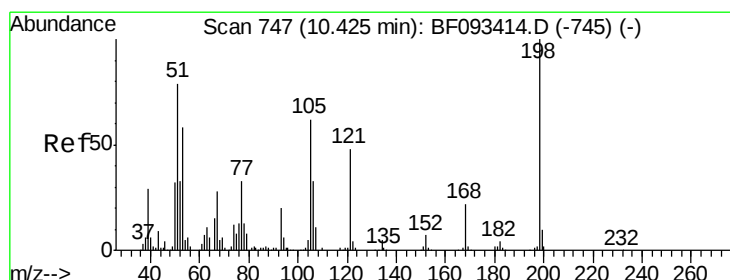
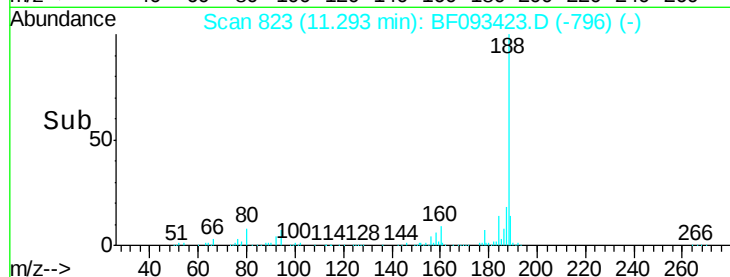
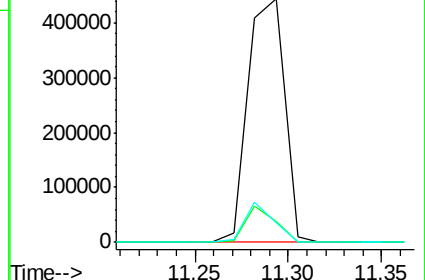
80 8.2 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.33 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

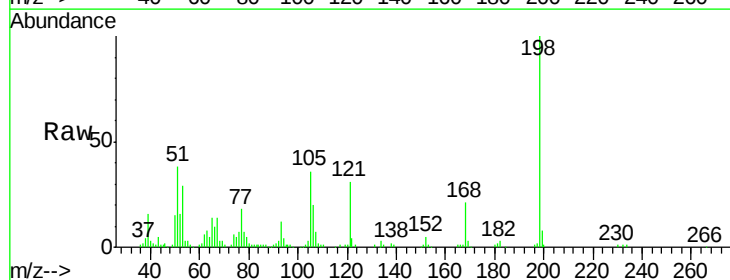
Tgt Ion:198 Resp: 138100

Ion Ratio Lower Upper

198 100

51 37.6 6.7 46.7

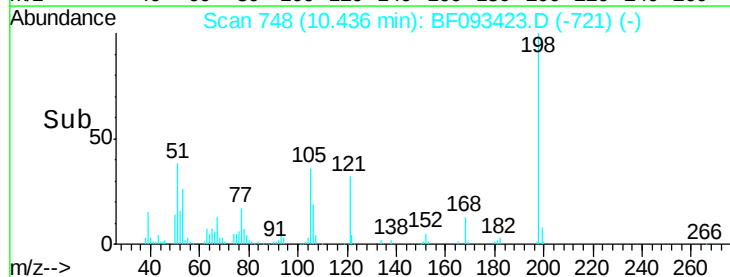
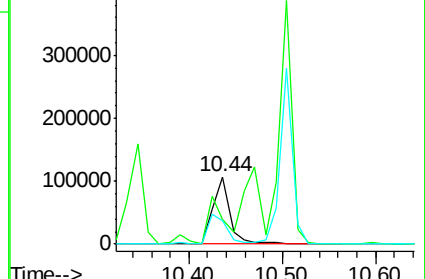
105 35.6 16.6 56.6

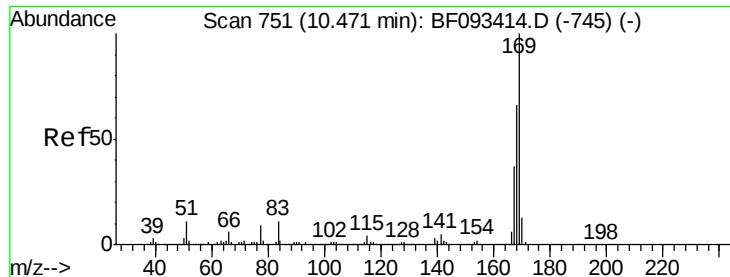


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.95 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

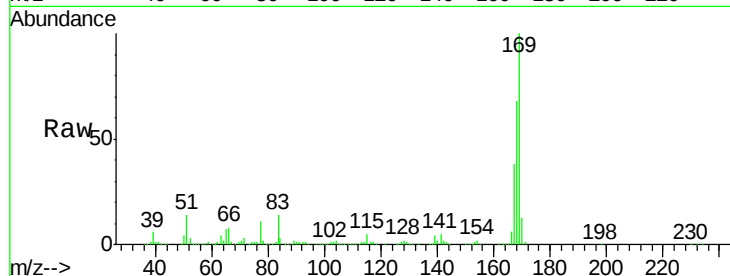
Tgt Ion:169 Resp: 885475

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

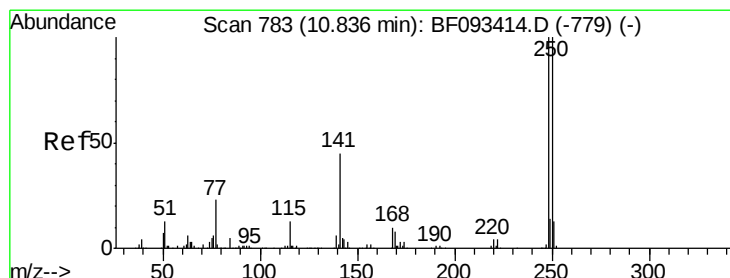
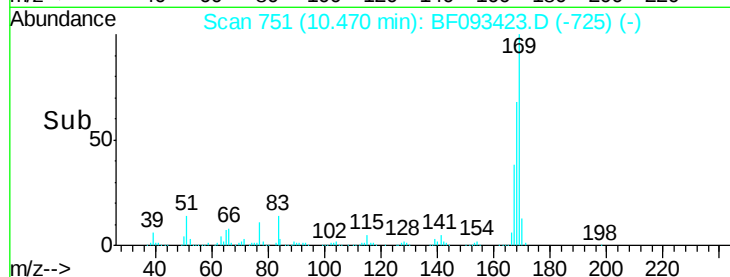
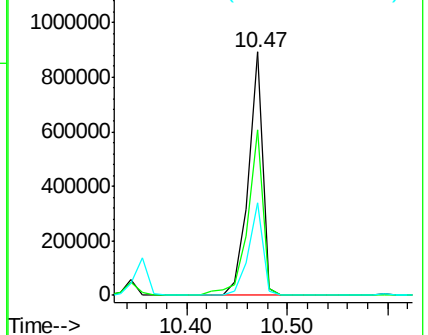
167 38.0 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.11 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

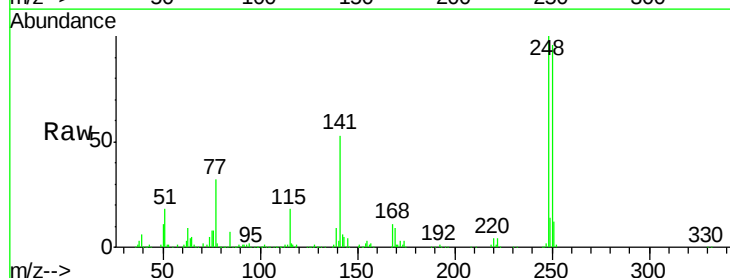
Tgt Ion:248 Resp: 262299

Ion Ratio Lower Upper

248 100

250 95.8 76.9 115.3

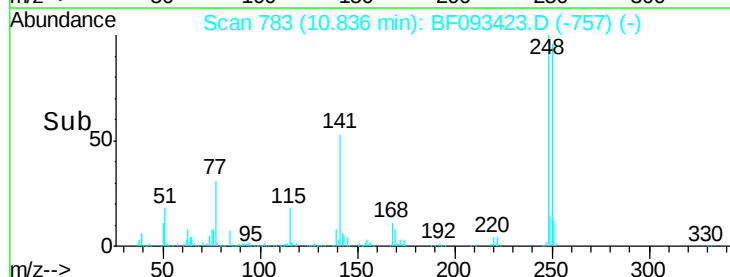
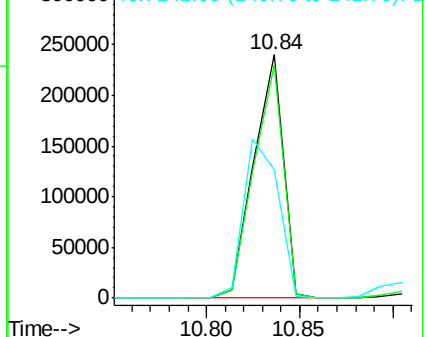
141 53.0 68.2 102.4#

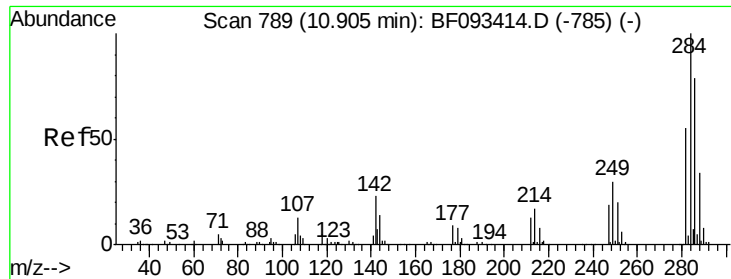


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

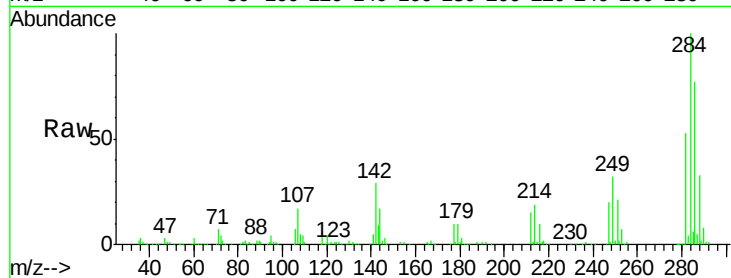




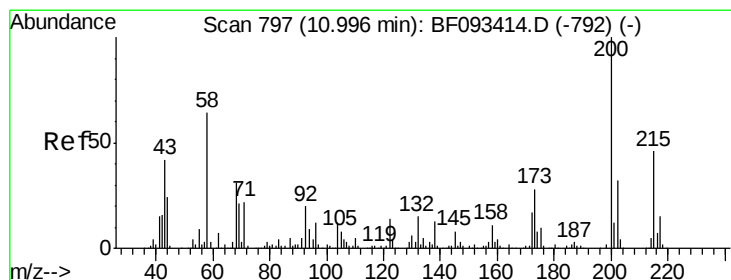
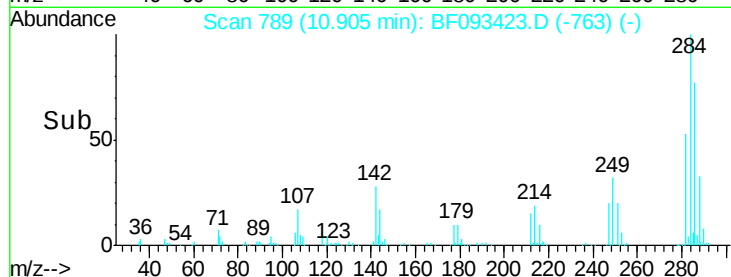
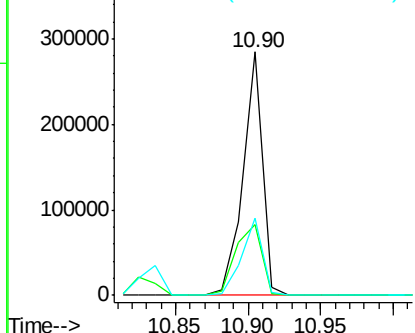
#67  
Hexachlorobenzene  
Concen: 43.60 ng  
RT: 10.90 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB97390BSD

Tgt Ion:284 Resp: 265634  
Ion Ratio Lower Upper  
284 100  
142 29.0 22.6 33.8  
249 31.9 25.4 38.0

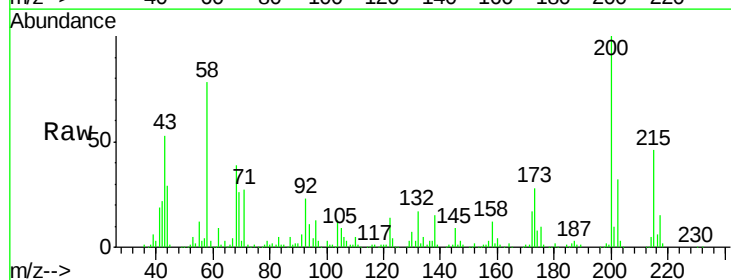


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

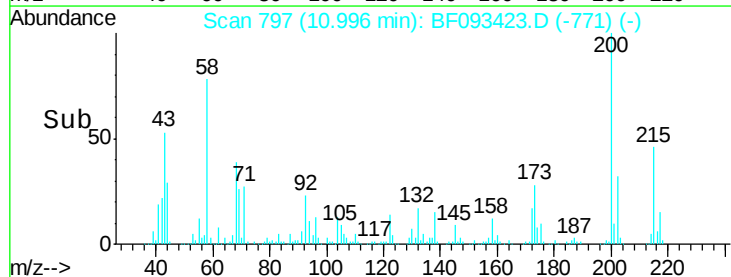
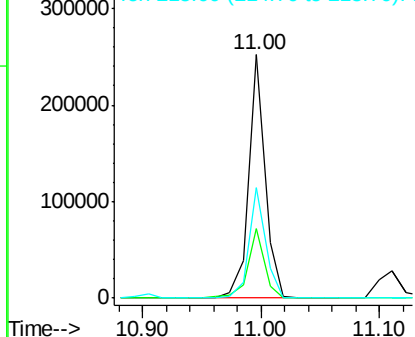


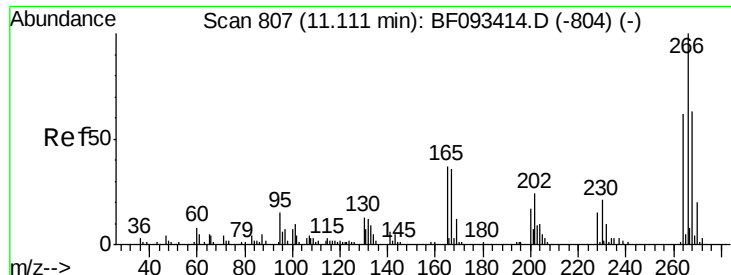
#68  
Atrazine  
Concen: 41.54 ng  
RT: 11.00 min Scan# 797  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Tgt Ion:200 Resp: 244964  
Ion Ratio Lower Upper  
200 100  
173 28.3 9.6 49.6  
215 45.5 25.7 65.7



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

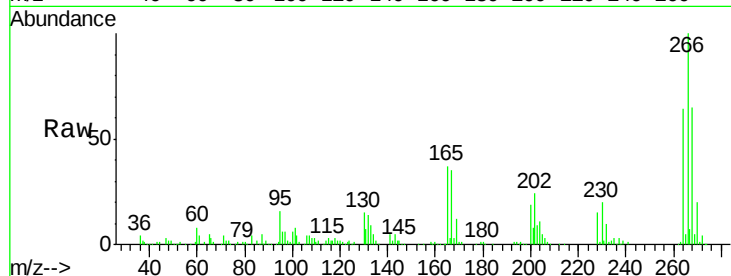




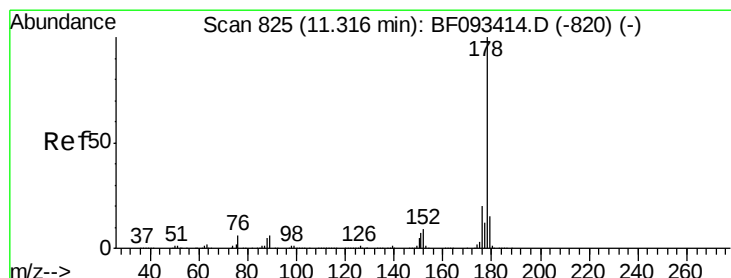
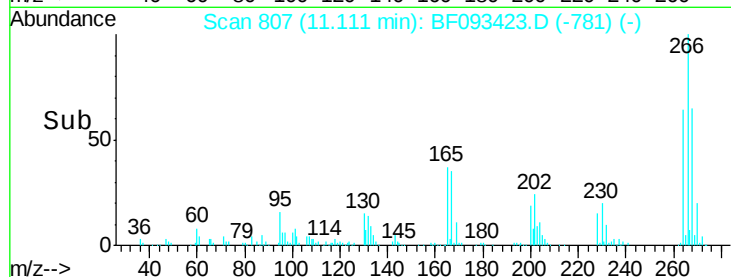
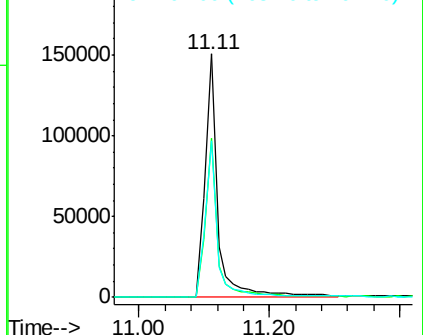
#69  
 Pentachlorophenol  
 Concen: 98.28 ng  
 RT: 11.11 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

Tgt Ion:266 Resp: 206732  
 Ion Ratio Lower Upper  
 266 100  
 268 65.5 53.3 79.9  
 264 64.1 50.3 75.5

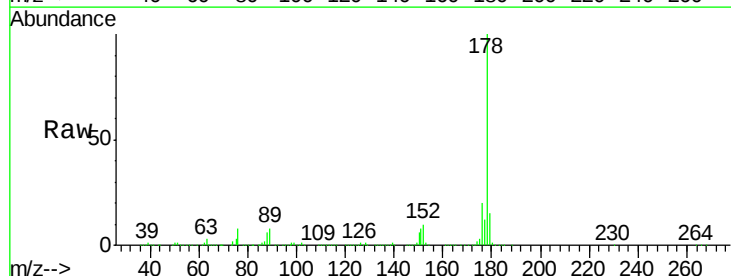


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

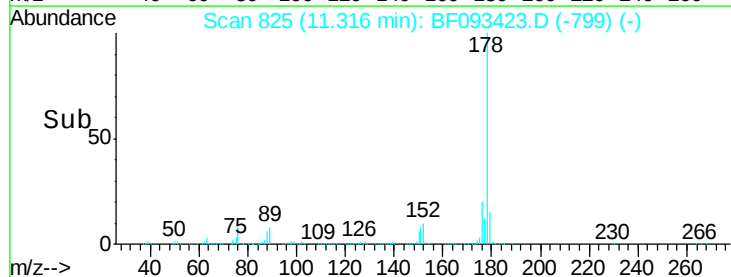
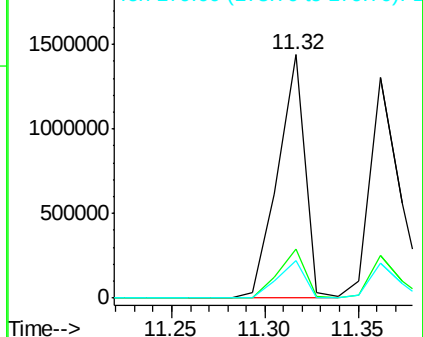


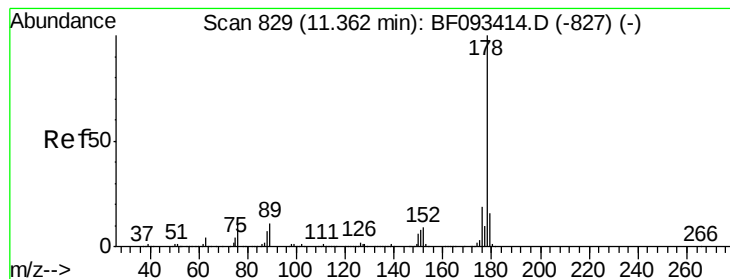
#70  
 Phenanthrene  
 Concen: 42.36 ng  
 RT: 11.32 min Scan# 825  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Tgt Ion:178 Resp: 1459052  
 Ion Ratio Lower Upper  
 178 100  
 176 20.0 16.6 25.0  
 179 15.4 12.8 19.2



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: 39.41 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

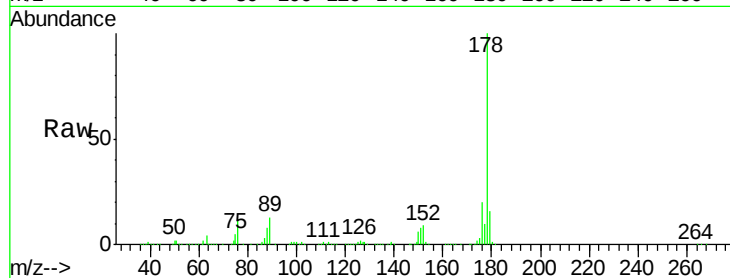
Tgt Ion:178 Resp: 1373089

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

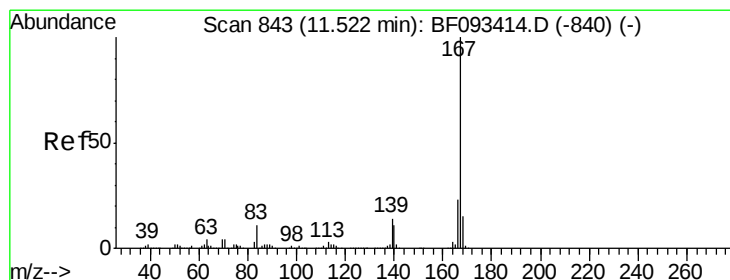
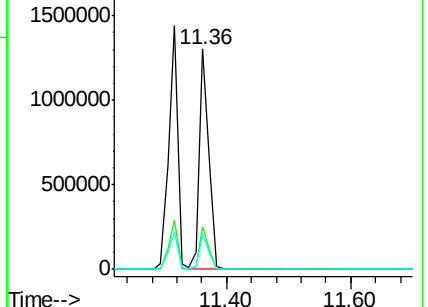
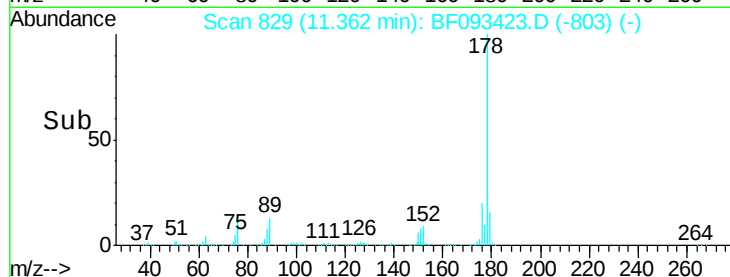
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.45 ng

RT: 11.52 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

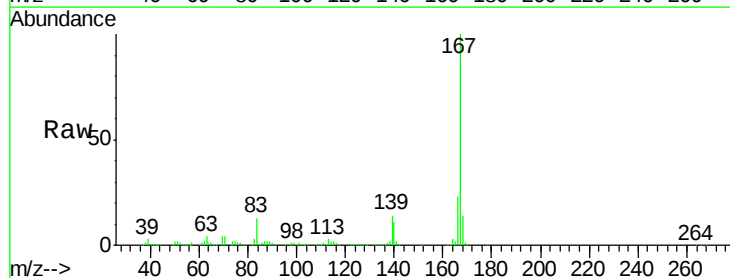
Tgt Ion:167 Resp: 1291054

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

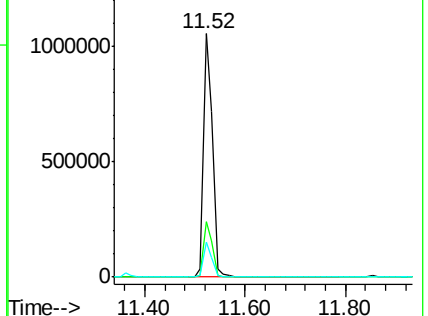
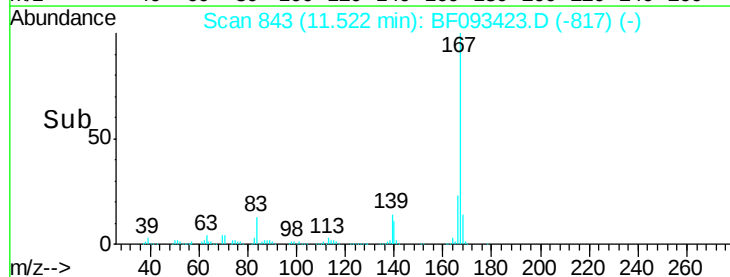
139 14.4 11.4 17.2

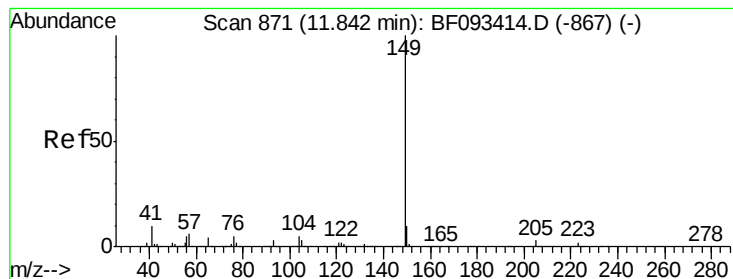


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.20 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

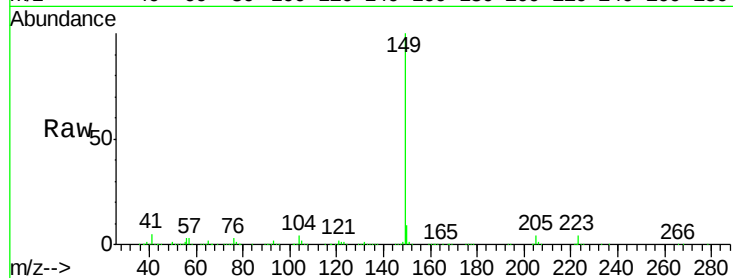
Tgt Ion:149 Resp: 1673653

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

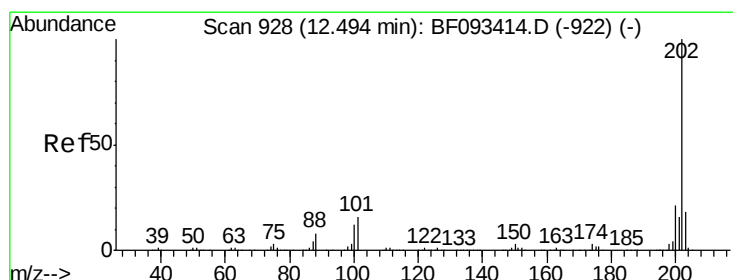
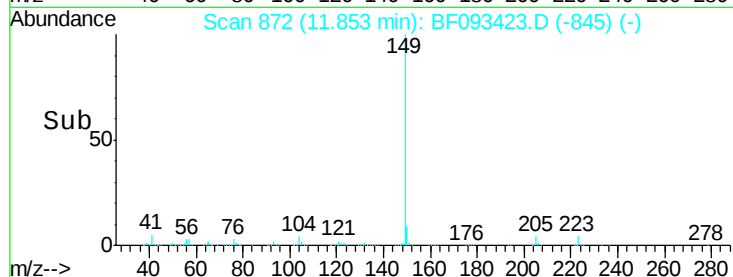
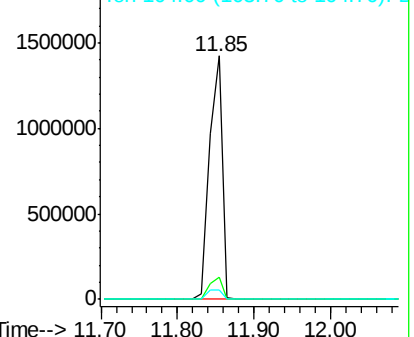
104 3.6 4.6 7.0#



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: 44.68 ng

RT: 12.50 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

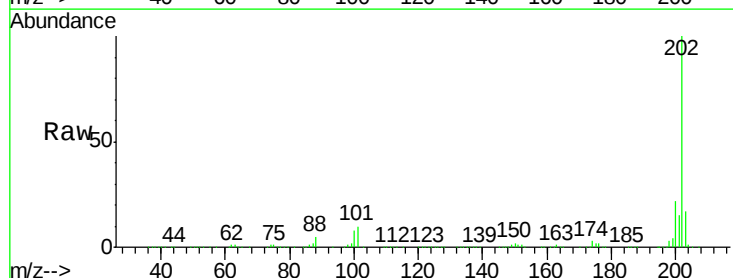
Tgt Ion:202 Resp: 1486412

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.6

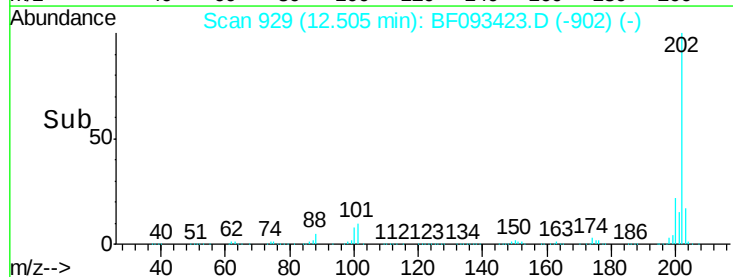
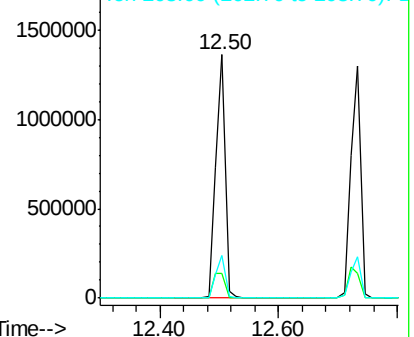
203 17.3 0.0 38.7

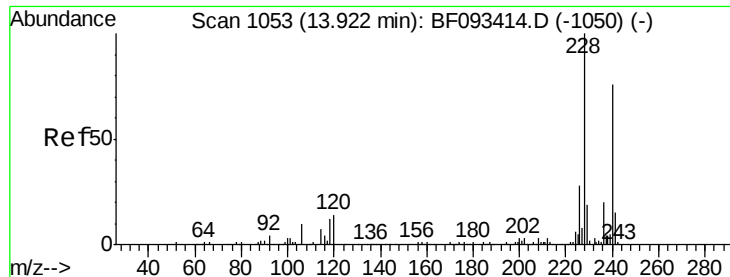


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

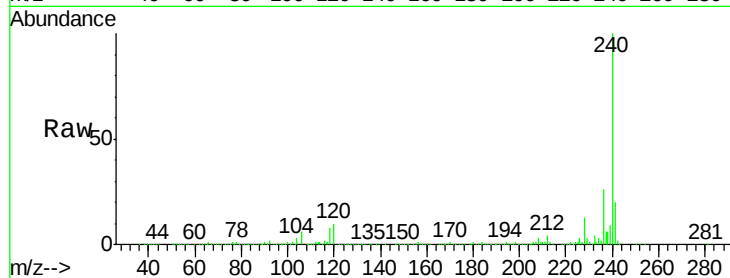
BNA\_F

ClientSampleId :

PB97390BSD

Tgt Ion:240 Resp: 503153

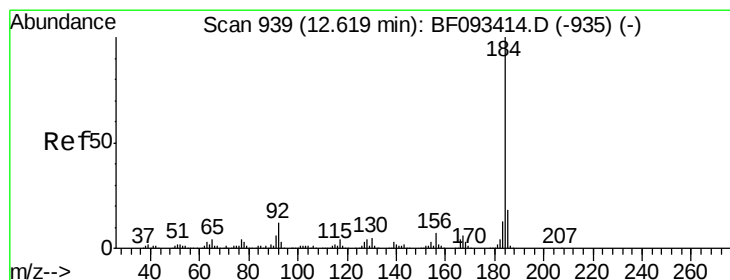
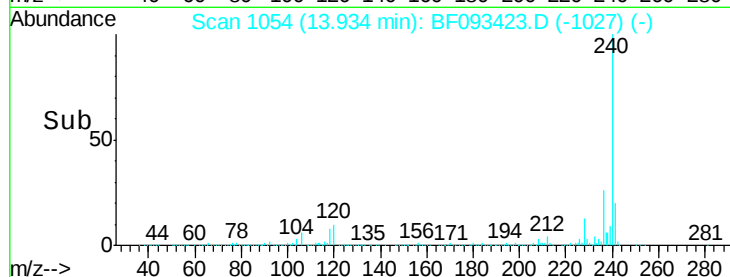
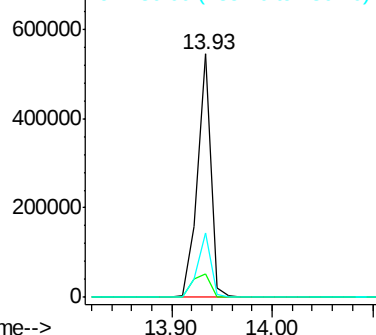
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 9.7   | 12.9  | 19.3# |
| 236 | 26.3  | 20.9  | 31.3  |



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.77 ng

RT: 12.63 min Scan# 940

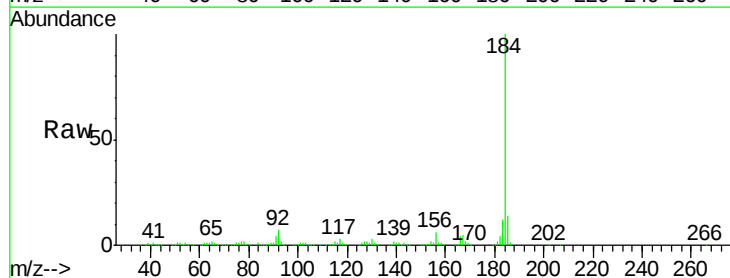
Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Tgt Ion:184 Resp: 442942

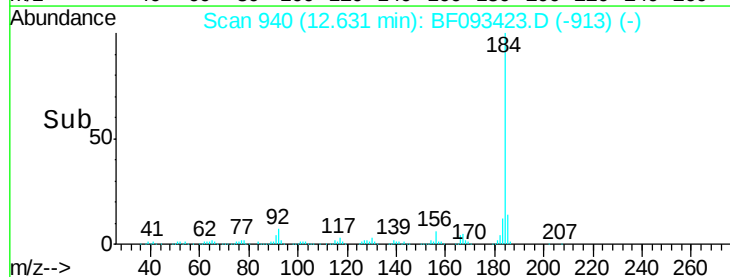
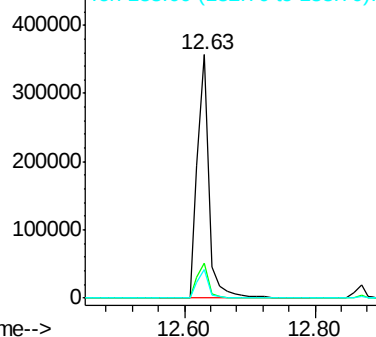
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.4  | 13.4  | 20.0  |
| 183 | 11.7  | 9.2   | 13.8  |

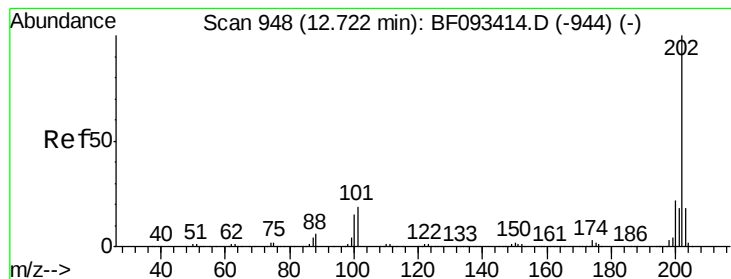


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.42 ng

RT: 12.73 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

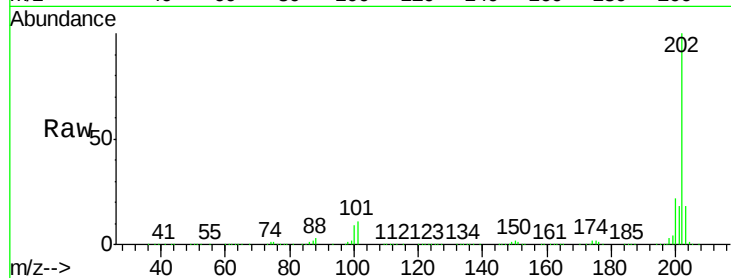
Tgt Ion:202 Resp: 1478940

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

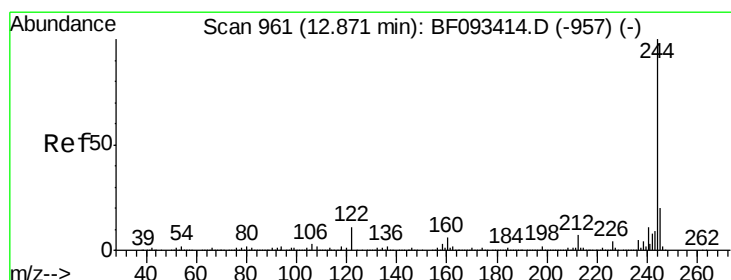
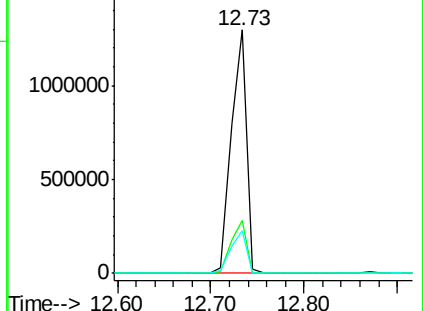
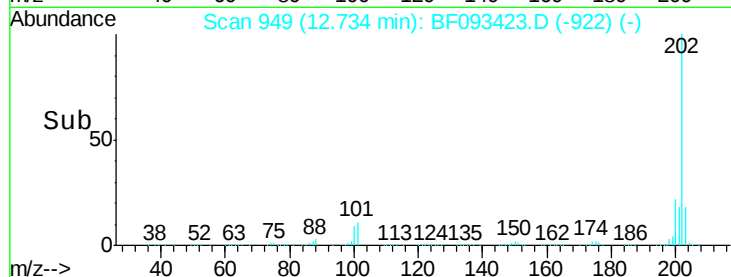
203 17.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.32 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

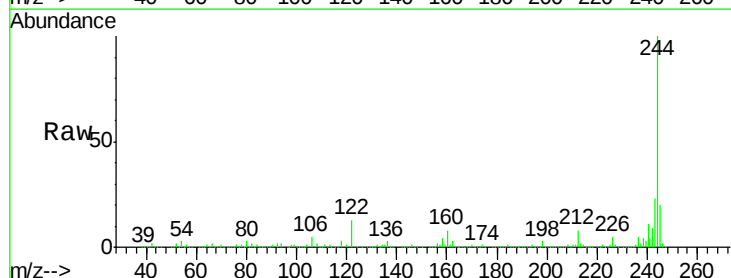
Tgt Ion:244 Resp: 1399594

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

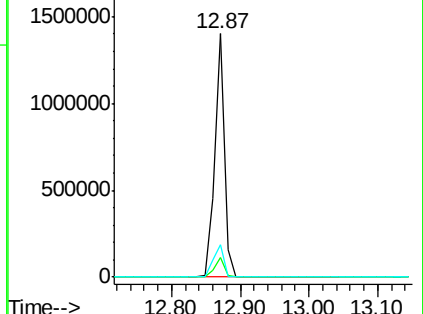
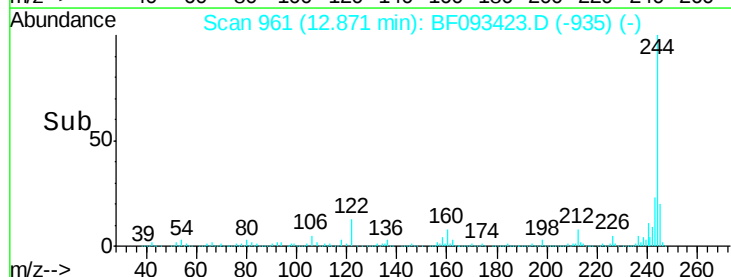
122 13.1 11.4 17.2

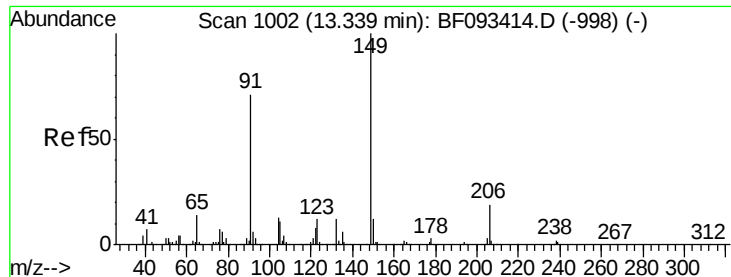


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

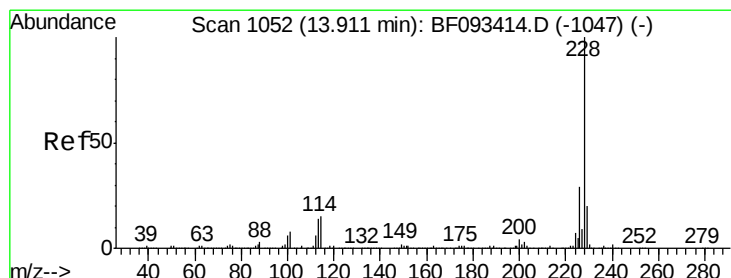
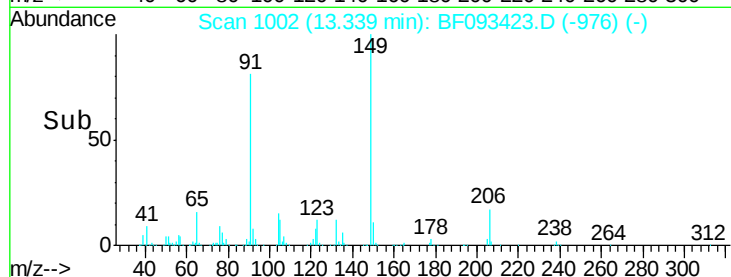
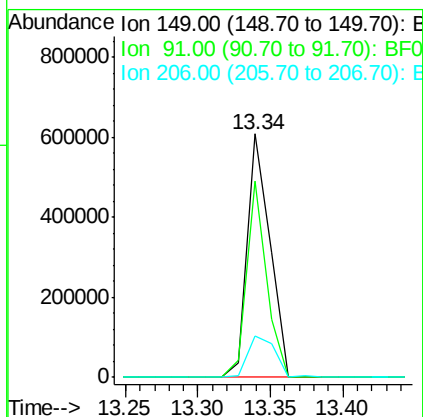
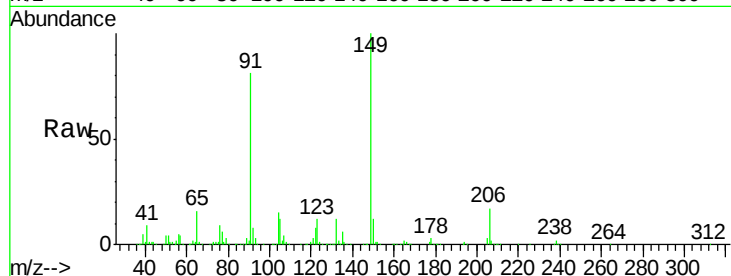




#79  
Butylbenzylphthalate  
Concen: 42.73 ng  
RT: 13.34 min Scan# 1002  
Delta R.T. -0.00 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

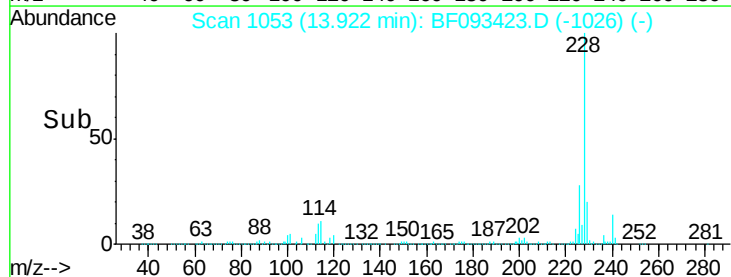
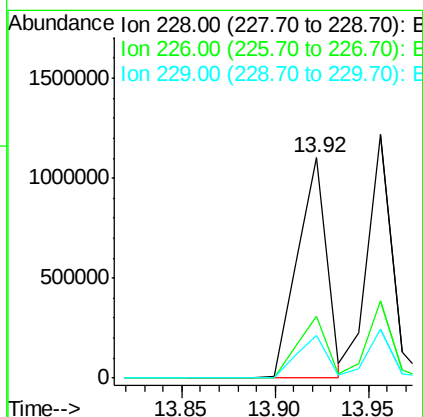
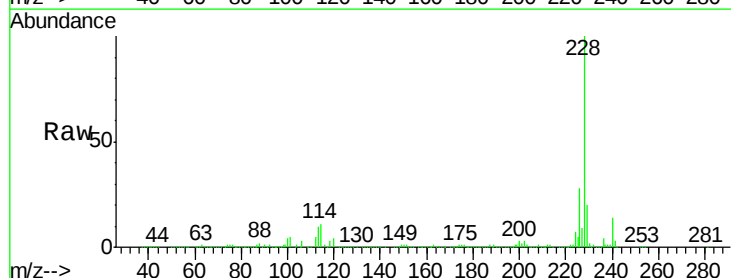
Instrument :  
BNA\_F  
ClientSampleId :  
PB97390BSD

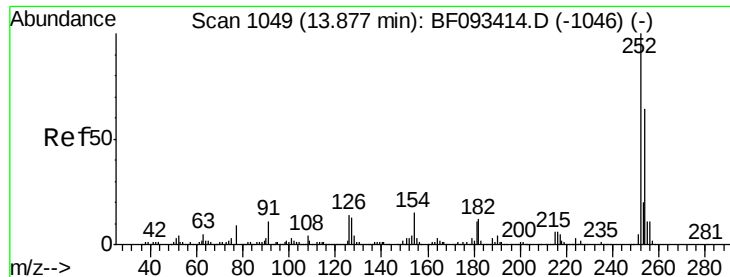
Tgt Ion:149 Resp: 658166  
Ion Ratio Lower Upper  
149 100  
91 80.6 63.9 95.9  
206 17.2 14.6 21.8



#80  
Benzo(a)anthracene  
Concen: 40.72 ng  
RT: 13.92 min Scan# 1053  
Delta R.T. 0.01 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Tgt Ion:228 Resp: 1209851  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.4 33.6  
229 19.7 16.2 24.4

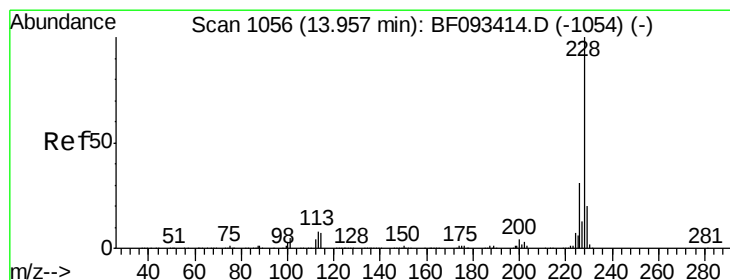
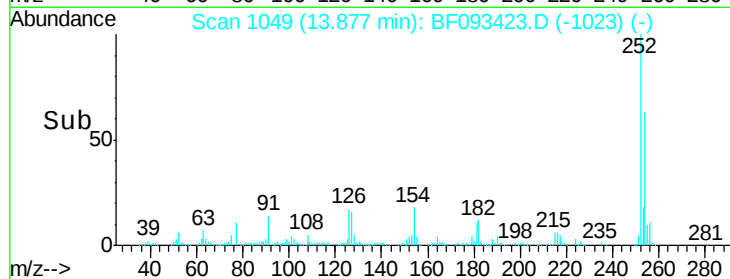
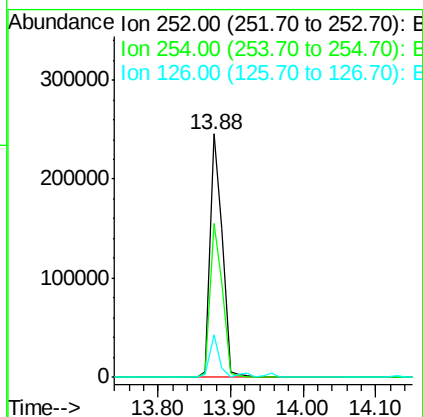
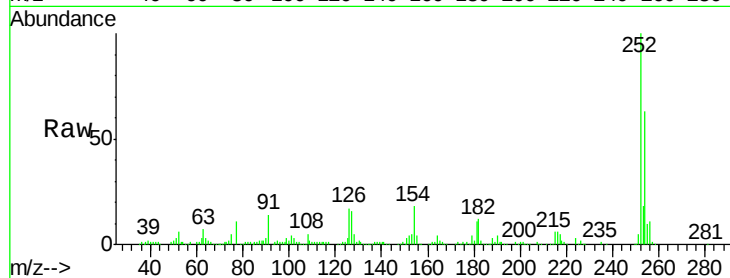




#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.44 ng  
 RT: 13.88 min Scan# 1049  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

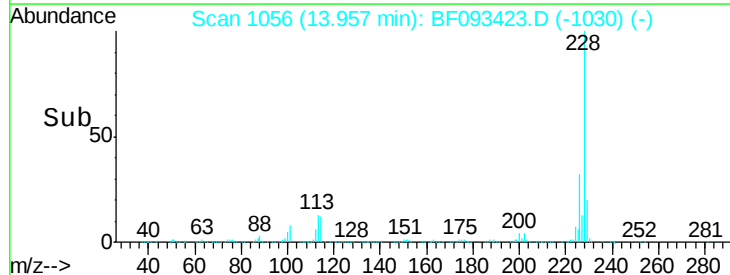
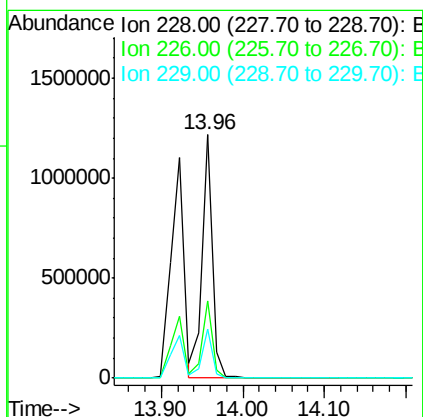
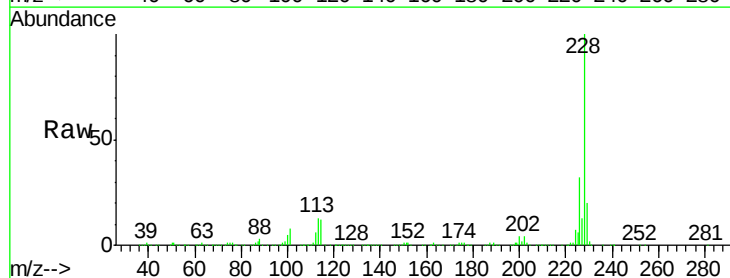
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

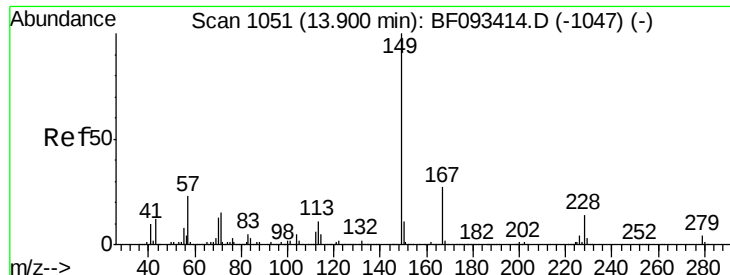
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.2  | 52.3  | 78.5  |
| 126     | 17.4  | 13.6  | 20.4  |



#82  
 Chrysene  
 Concen: 39.86 ng  
 RT: 13.96 min Scan# 1056  
 Delta R.T. -0.00 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.5  | 25.4  | 38.0  |
| 229     | 20.1  | 16.2  | 24.2  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.93 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

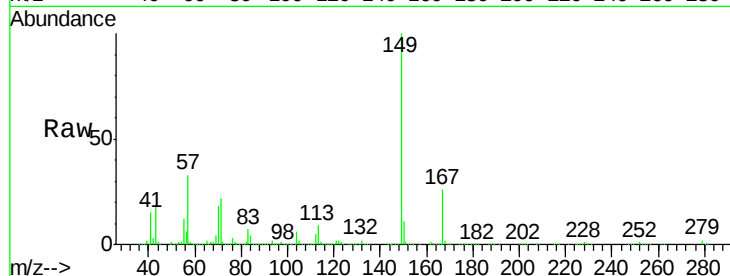
Tgt Ion:149 Resp: 900256

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

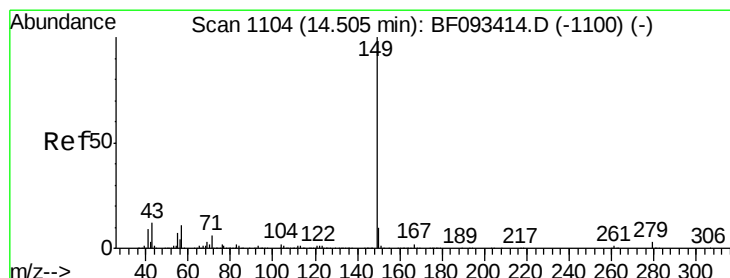
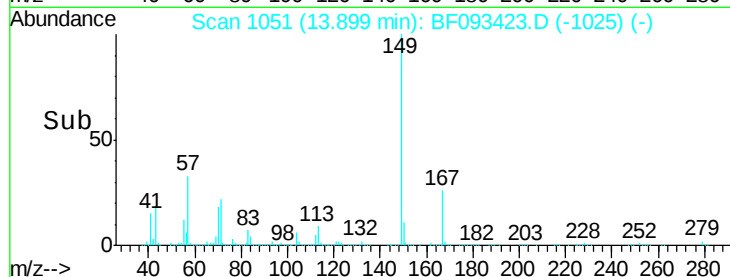
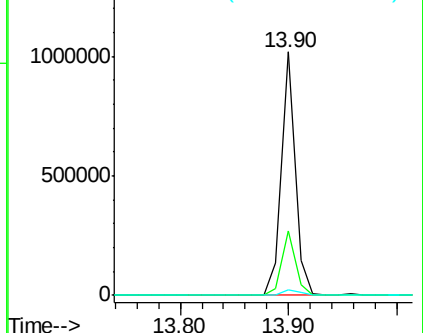
279 2.4 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.67 ng

RT: 14.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

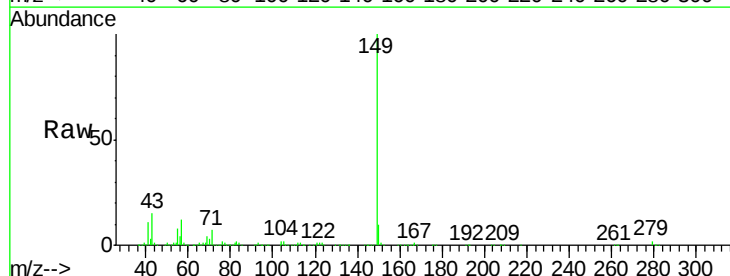
Tgt Ion:149 Resp: 1527093

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

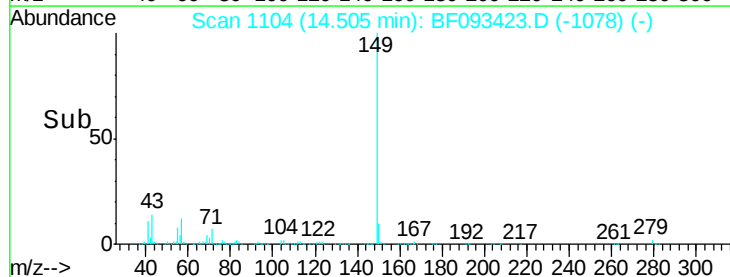
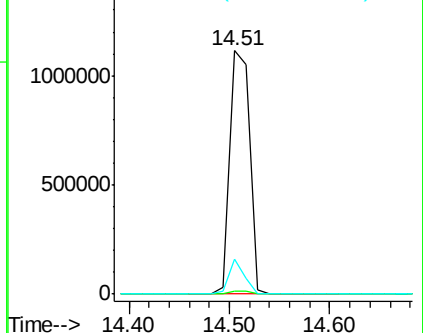
43 11.1 8.9 13.3

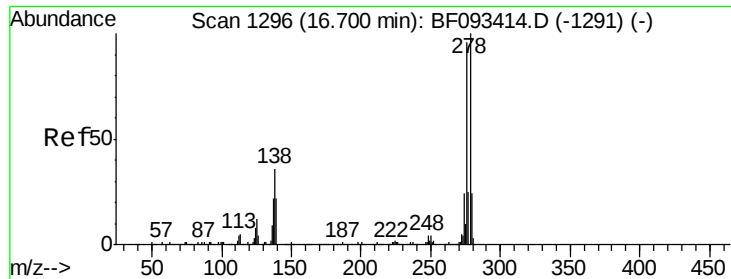


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

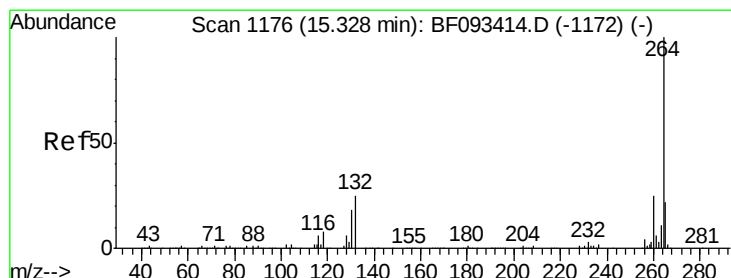
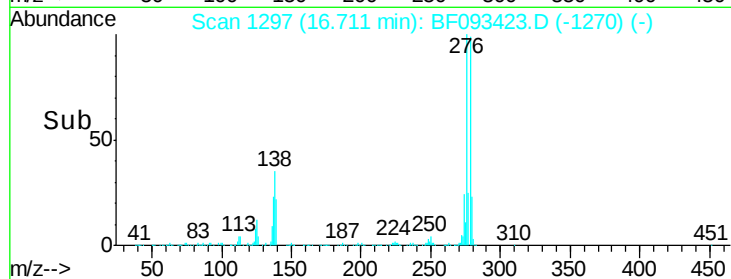
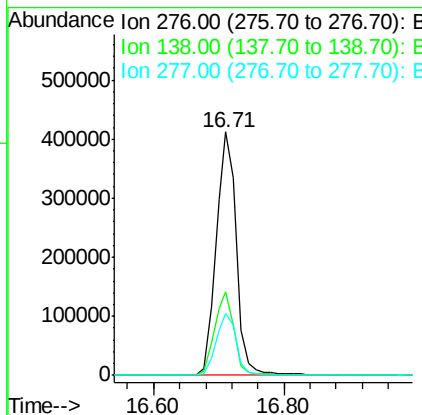
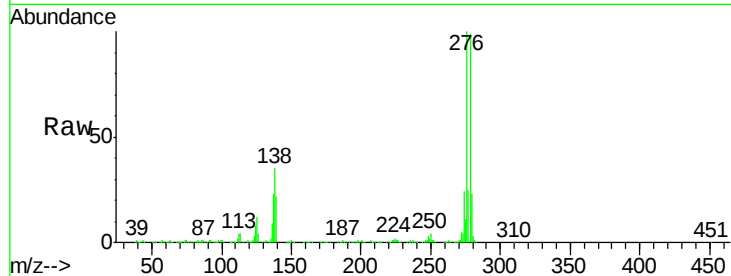




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.88 ng  
 RT: 16.71 min Scan# 1297  
 Delta R.T. 0.01 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

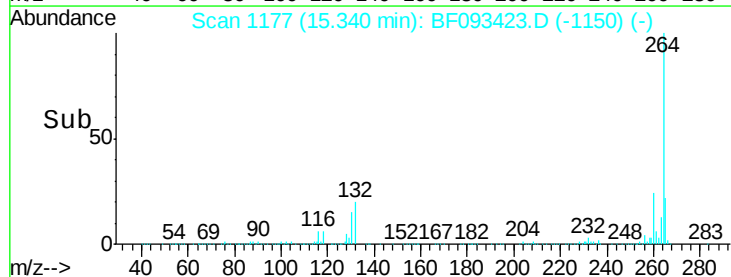
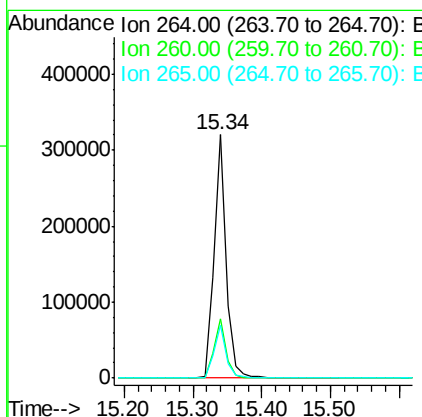
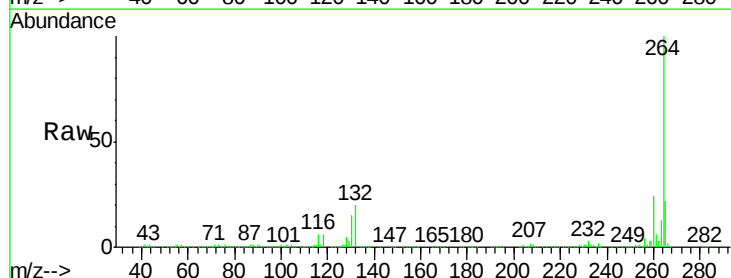
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97390BSD

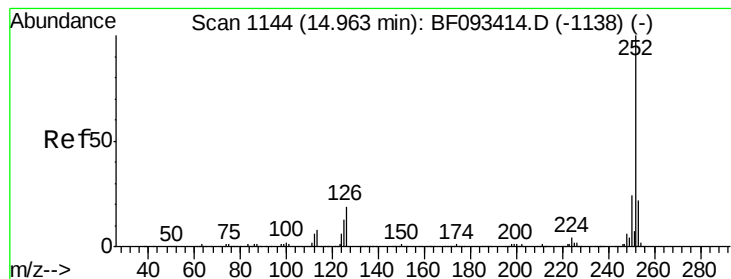
Tgt Ion: 276 Resp: 894646  
 Ion Ratio Lower Upper  
 276 100  
 138 33.6 21.8 32.6#  
 277 25.5 20.2 30.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.34 min Scan# 1177  
 Delta R.T. 0.01 min  
 Lab File: BF093423.D  
 Acq: 7 Mar 2017 17:15

Tgt Ion: 264 Resp: 397541  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.2 28.8  
 265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 84.64 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD

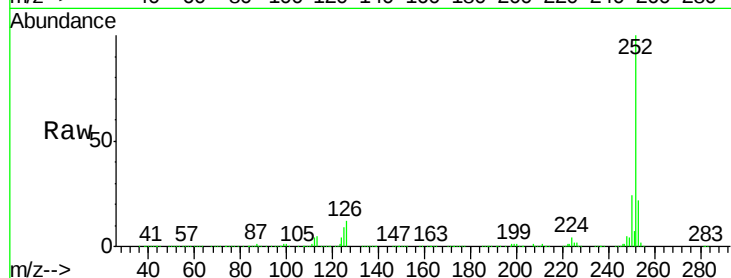
Tgt Ion:252 Resp: 2049337

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

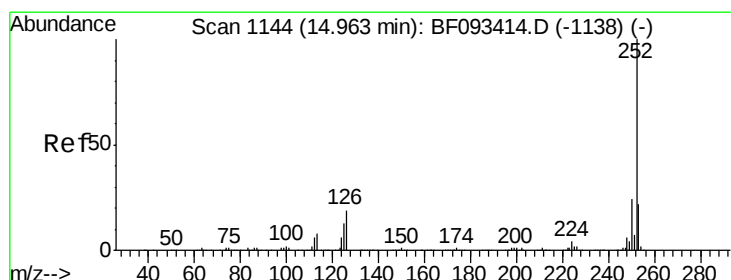
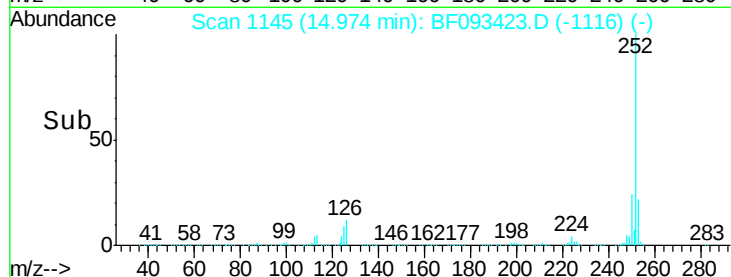
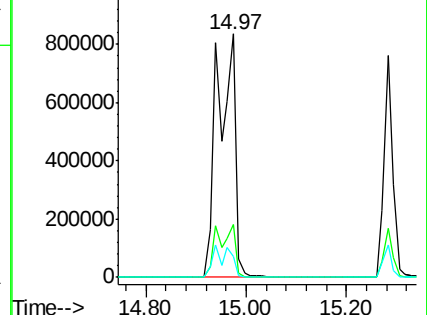
125 8.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 87.80 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF093423.D

Acq: 7 Mar 2017 17:15

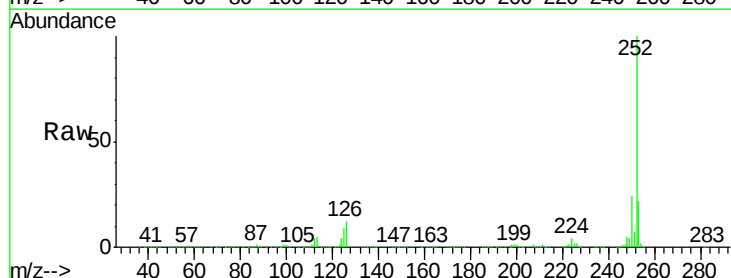
Tgt Ion:252 Resp: 2050091

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

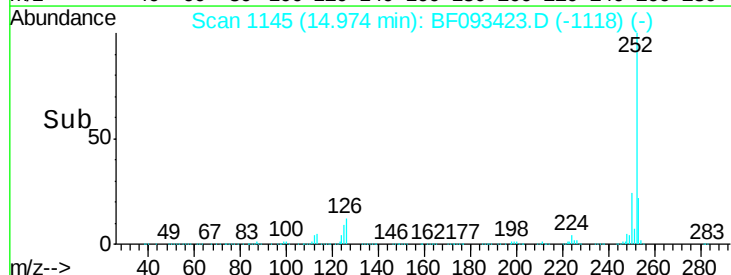
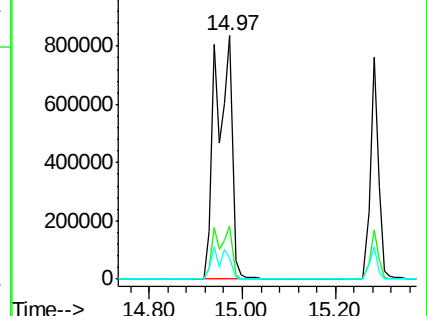
125 8.6 8.9 13.3#

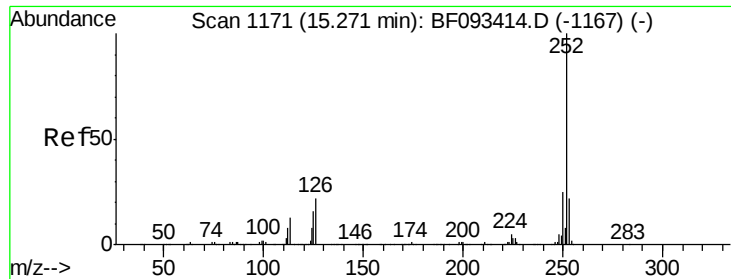


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

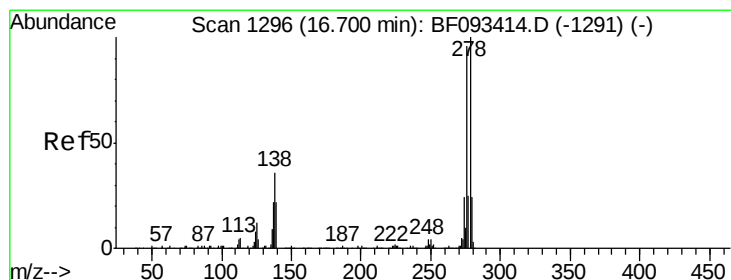
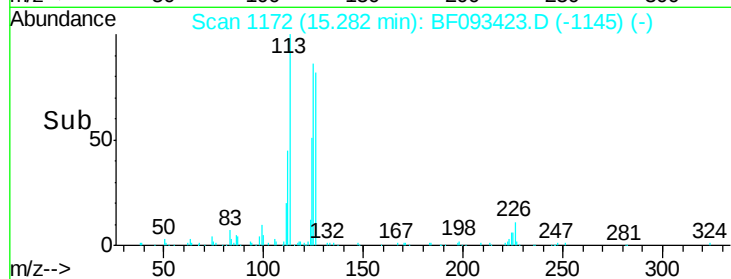
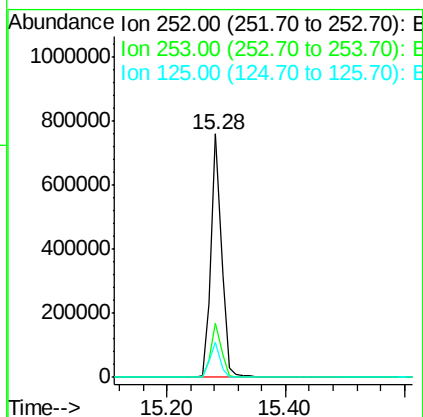
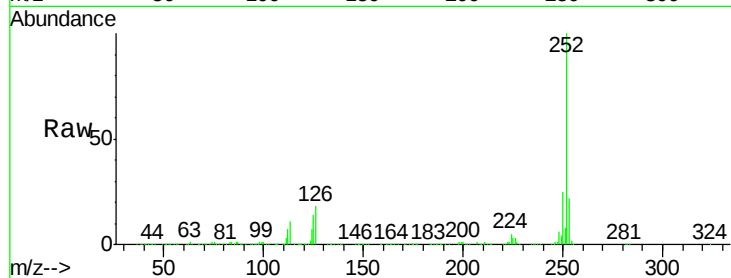




#89  
Benzo(a)pyrene  
Concen: 42.46 ng  
RT: 15.28 min Scan# 1172  
Delta R.T. 0.01 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

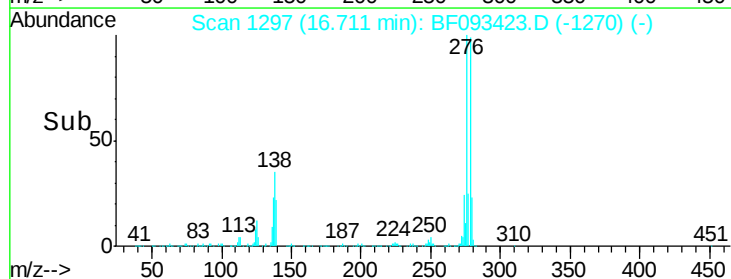
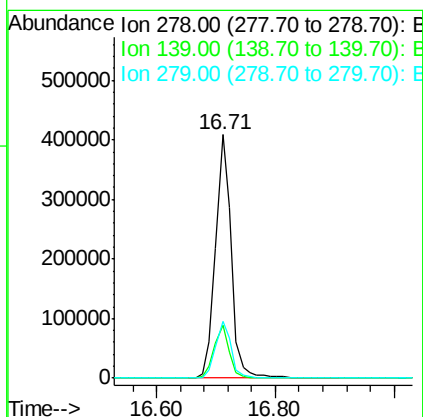
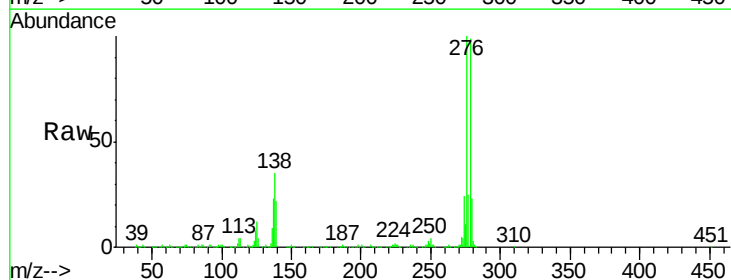
Instrument :  
BNA\_F  
ClientSampleId :  
PB97390BSD

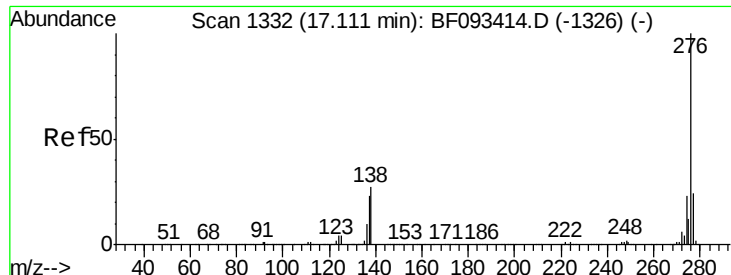
Tgt Ion: 252 Resp: 939555  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.2  
125 14.4 10.0 15.0



#90  
Dibenzo(a,h)anthracene  
Concen: 40.97 ng  
RT: 16.71 min Scan# 1297  
Delta R.T. 0.01 min  
Lab File: BF093423.D  
Acq: 7 Mar 2017 17:15

Tgt Ion: 278 Resp: 750037  
Ion Ratio Lower Upper  
278 100  
139 21.7 14.8 22.2  
279 23.3 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 41.38 ng

RT: 17.12 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF093423.D

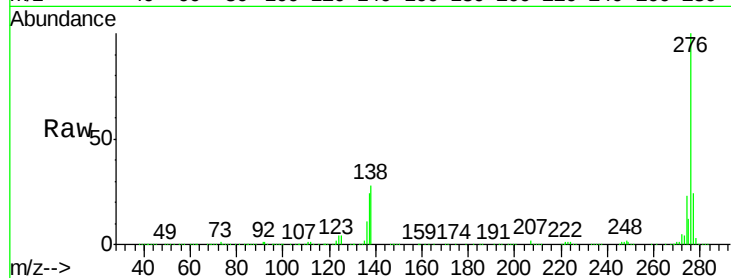
Acq: 7 Mar 2017 17:15

Instrument :

BNA\_F

ClientSampleId :

PB97390BSD



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 777467 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.6  | 19.2  | 28.8   |
| 138      | 27.9  | 16.0  | 24.0   |

