

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\  
 Data File : BF093949.D  
 Acq On : 27 Mar 2017 18:26  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 28 00:26:57 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 27 16:10:49 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 5.94  | 152  | 185887   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.45  | 136  | 739947   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.59  | 164  | 335144   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.42 | 188  | 597049   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.67 | 240  | 491298   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 16.30 | 264  | 416001   | 20.00 | ng    | -0.01    |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 4.47  | 112 | 870560  | 79.10 | ng | 0.00 |
| 7) Phenol-d6                | 5.55  | 99  | 1068351 | 78.47 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 6.60  | 82  | 1038126 | 80.07 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.57 | 330 | 226292  | 85.45 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 8.77  | 172 | 1750201 | 79.65 | ng | 0.00 |
| 78) Terphenyl-d14           | 13.40 | 244 | 1732225 | 79.03 | ng | 0.00 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.30 | 88  | 207243  | 39.20  | ng | 97   |
| 3) Pyridine                    | 2.80 | 79  | 564932  | 39.20  | ng | 99   |
| 4) n-Nitrosodimethylamine      | 2.76 | 42  | 230489  | 38.87  | ng | 90   |
| 6) Aniline                     | 5.56 | 93  | 710344  | 37.51  | ng | # 83 |
| 8) 2-Chlorophenol              | 5.70 | 128 | 488331  | 40.37  | ng | 97   |
| 9) Benzaldehyde                | 5.44 | 77  | 342896  | 37.30  | ng | 98   |
| 10) Phenol                     | 5.56 | 94  | 596789  | 38.52  | ng | 84   |
| 11) bis(2-Chloroethyl)ether    | 5.65 | 93  | 476175  | 39.33  | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 5.87 | 146 | 540943  | 39.86  | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 5.96 | 146 | 547308  | 39.82  | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 6.14 | 146 | 504835  | 39.89  | ng | 97   |
| 15) Benzyl Alcohol             | 6.11 | 79  | 396947  | 39.83  | ng | 96   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.27 | 45  | 697412  | 37.38  | ng | 98   |
| 17) 2-Methylphenol             | 6.25 | 107 | 411816  | 39.75  | ng | 97   |
| 18) Hexachloroethane           | 6.53 | 117 | 196328  | 40.64  | ng | # 84 |
| 19) n-Nitroso-di-n-propylamine | 6.43 | 70  | 331020  | 37.83  | ng | 97   |
| 20) 3+4-Methylphenols          | 6.43 | 107 | 497679  | 39.66  | ng | # 68 |
| 22) Acetophenone               | 6.42 | 105 | 669281  | 40.58  | ng | # 90 |
| 24) Nitrobenzene               | 6.62 | 77  | 512908  | 40.11  | ng | 94   |
| 25) Isophorone                 | 6.90 | 82  | 894288  | 39.25  | ng | 96   |
| 26) 2-Nitrophenol              | 6.99 | 139 | 269281  | 44.16  | ng | 97   |
| 27) 2,4-Dimethylphenol         | 7.06 | 122 | 422935  | 40.25  | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 7.16 | 93  | 588459  | 39.17  | ng | 99   |
| 29) 2,4-Dichlorophenol         | 7.29 | 162 | 404852  | 41.21  | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 7.38 | 180 | 411329  | 40.65  | ng | 99   |
| 31) Naphthalene                | 7.47 | 128 | 1419388 | 39.89  | ng | 99   |
| 32) Benzoic acid               | 7.21 | 122 | 266354  | 38.08  | ng | 98   |
| 33) 4-Chloroaniline            | 7.54 | 127 | 584090  | 40.51  | ng | 95   |
| 34) Hexachlorobutadiene        | 7.63 | 225 | 211839  | 40.82  | ng | 100  |
| 35) Caprolactam                | 8.00 | 113 | 132737  | 42.37  | ng | 92   |
| 36) 4-Chloro-3-methylphenol    | 8.15 | 107 | 423671  | 41.27  | ng | 89   |
| 37) 2-Methylnaphthalene        | 8.32 | 142 | 948175  | 39.98  | ng | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.53 | 216 | 369996  | 40.36  | ng | 99   |
| 40) Hexachlorocyclopentadiene  | 8.52 | 237 | 179365  | 41.81  | ng | 97   |

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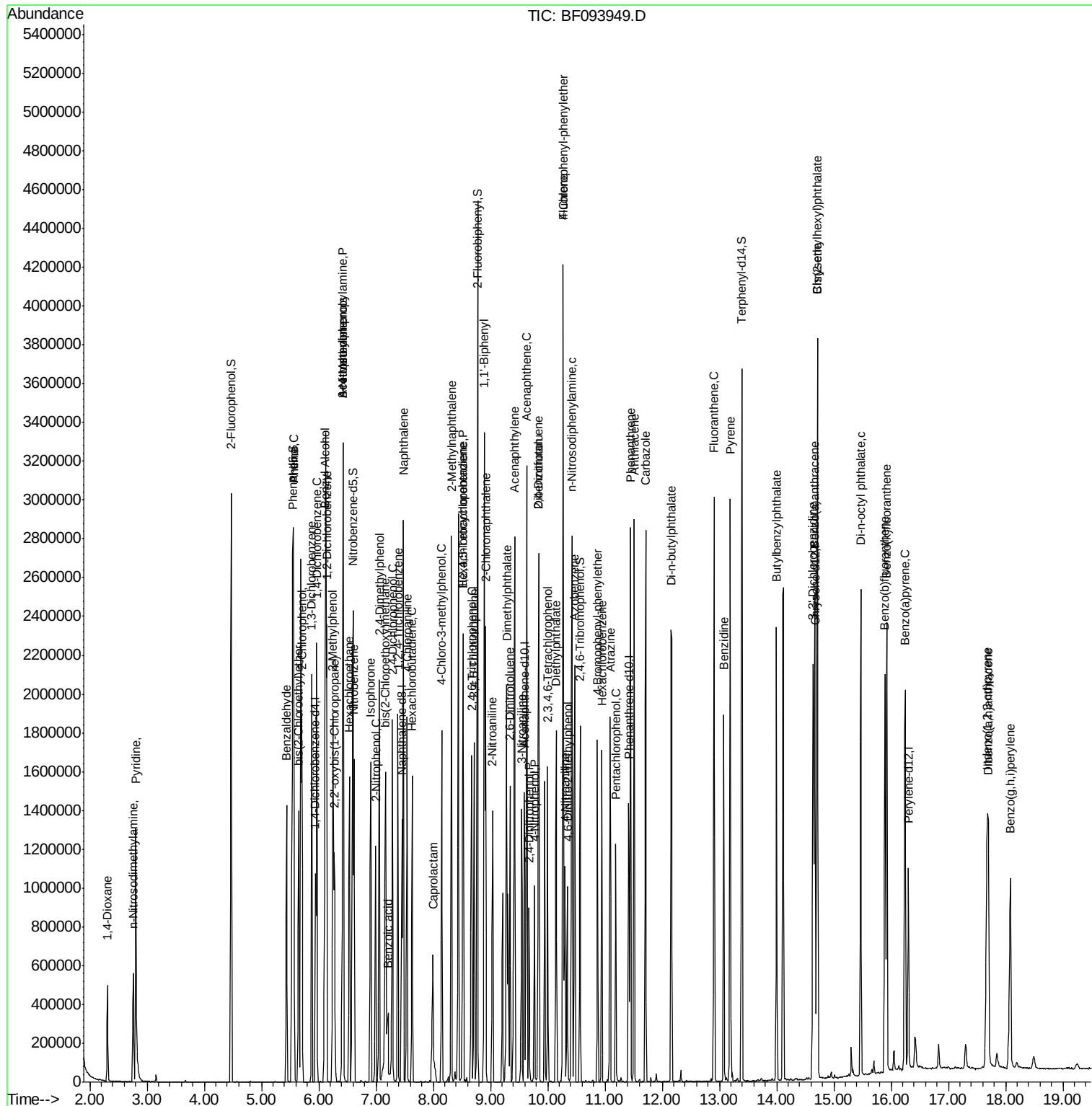
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.67  | 196  | 266593   | 41.10 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.72  | 196  | 292370   | 41.66 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 8.89  | 154  | 1076023  | 39.80 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 8.92  | 162  | 845268   | 39.95 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.04  | 65   | 262477   | 41.81 | nq    | # 82     |
| 48) Acenaphthylene             | 9.42  | 152  | 1395443  | 39.68 | nq    | 100      |
| 49) Dimethylphthalate          | 9.28  | 163  | 964031   | 40.47 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.35  | 165  | 232613   | 42.59 | nq    | 92       |
| 51) Acenaphthene               | 9.63  | 154  | 807034   | 39.33 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.55  | 138  | 271858   | 42.39 | nq    | 93       |
| 53) 2,4-Dinitrophenol          | 9.67  | 184  | 119652   | 43.22 | nq    | # 73     |
| 54) Dibenzofuran               | 9.85  | 168  | 1102709  | 39.47 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.77  | 139  | 209878   | 41.79 | nq    | # 79     |
| 56) 2,4-Dinitrotoluene         | 9.84  | 165  | 285428   | 41.61 | nq    | # 79     |
| 57) Fluorene                   | 10.27 | 166  | 892041   | 38.51 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.00 | 232  | 198841   | 41.29 | nq    | 99       |
| 59) Diethylphthalate           | 10.15 | 149  | 949585   | 40.33 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.27 | 204  | 377103   | 38.21 | nq    | 92       |
| 61) 4-Nitroaniline             | 10.30 | 138  | 270601   | 43.97 | nq    | 96       |
| 62) Azobenzene                 | 10.47 | 77   | 873971   | 39.24 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 159661   | 43.67 | nq    | # 69     |
| 65) n-Nitrosodiphenylamine     | 10.42 | 169  | 812842   | 39.37 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.87 | 248  | 235398   | 40.09 | nq    | 98       |
| 67) Hexachlorobenzene          | 10.95 | 284  | 239609   | 40.31 | nq    | # 86     |
| 68) Atrazine                   | 11.09 | 200  | 255715   | 41.35 | nq    | 96       |
| 69) Pentachlorophenol          | 11.19 | 266  | 138294   | 37.38 | nq    | 97       |
| 70) Phenanthrene               | 11.45 | 178  | 1307446  | 39.37 | nq    | 99       |
| 71) Anthracene                 | 11.51 | 178  | 1369659  | 40.05 | nq    | 98       |
| 72) Carbazole                  | 11.71 | 167  | 1406731  | 40.12 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.16 | 149  | 1485528  | 40.74 | nq    | 99       |
| 74) Fluoranthene               | 12.91 | 202  | 1380321  | 40.59 | nq    | 99       |
| 76) Benzidine                  | 13.07 | 184  | 796121   | 40.94 | nq    | 96       |
| 77) Pyrene                     | 13.19 | 202  | 1414775  | 39.68 | nq    | 100      |
| 79) Butylbenzylphthalate       | 14.00 | 149  | 639736   | 42.11 | nq    | # 84     |
| 80) Benzo(a)anthracene         | 14.66 | 228  | 1172807  | 40.94 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.63 | 252  | 446145   | 43.57 | nq    | # 96     |
| 82) Chrysene                   | 14.70 | 228  | 1041375  | 39.17 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.72 | 149  | 828338   | 39.97 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 15.47 | 149  | 1467303  | 42.38 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.67 | 276  | 917466   | 39.85 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 15.89 | 252  | 1020155  | 40.01 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.92 | 252  | 999219   | 40.05 | nq    | 96       |
| 89) Benzo(a)pyrene             | 16.24 | 252  | 964203   | 41.06 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 17.70 | 278  | 769794   | 38.71 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 18.09 | 276  | 763609   | 38.10 | nq    | 97       |

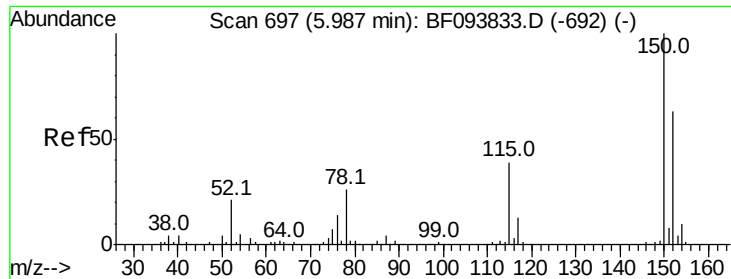
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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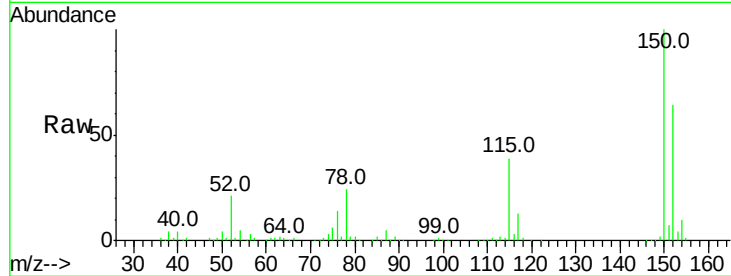


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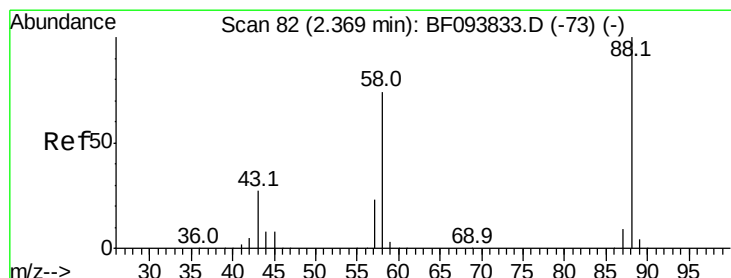
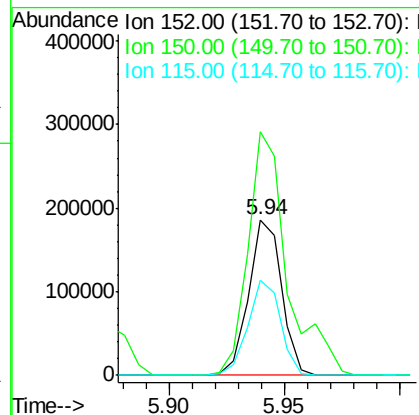
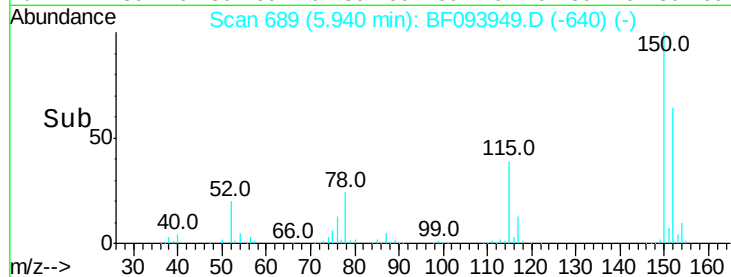
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 5.94 min Scan# 689  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

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Tot Ion:152 Resp: 185887  
Ion Ratio Lower Upper  
152 100  
150 156.6 126.2 189.2  
115 61.2 52.2 78.2



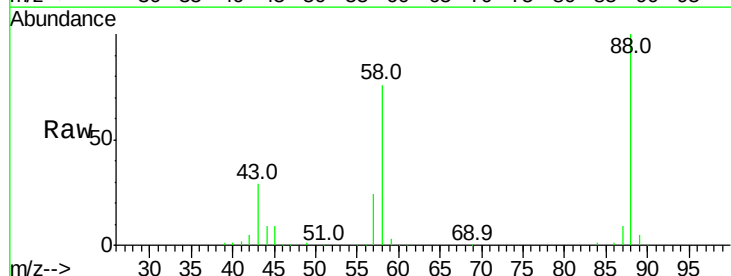
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



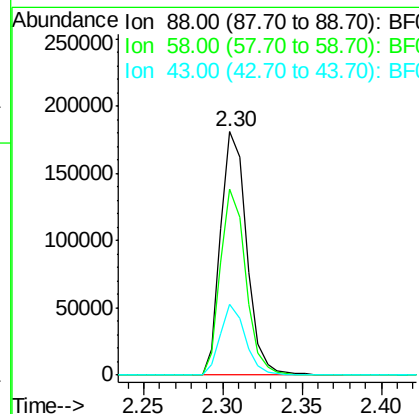
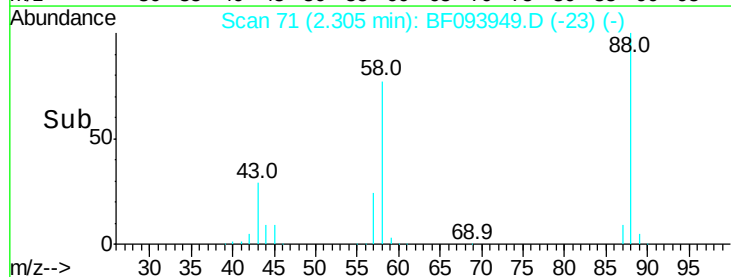
#2

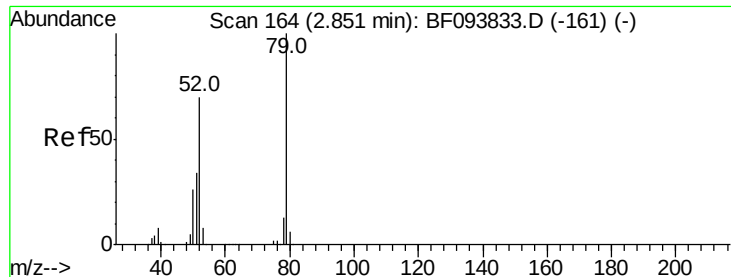
1,4-Dioxane  
Concen: 39.20 ng  
RT: 2.30 min Scan# 71  
Delta R.T. -0.02 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Tgt Ion: 88 Resp: 207243  
Ion Ratio Lower Upper  
88 100  
58 74.2 61.4 92.0  
43 28.1 23.4 35.0



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

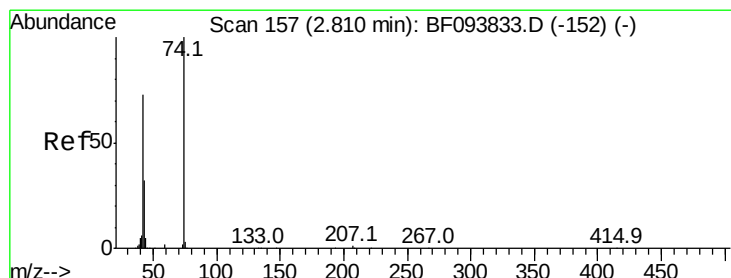
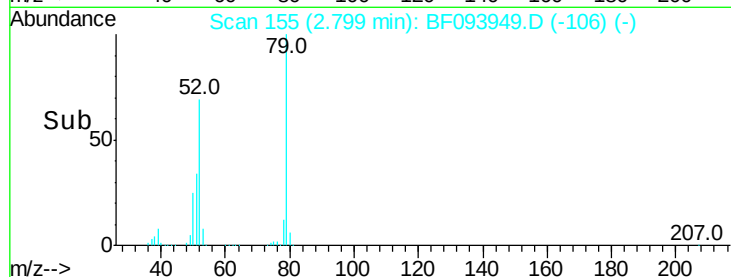
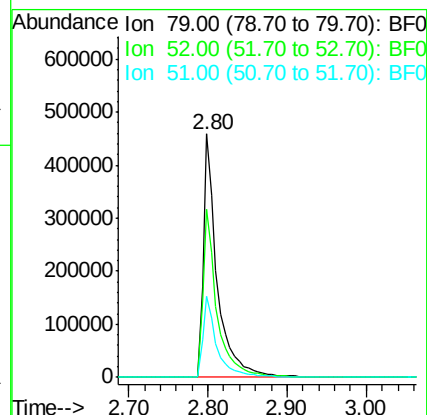
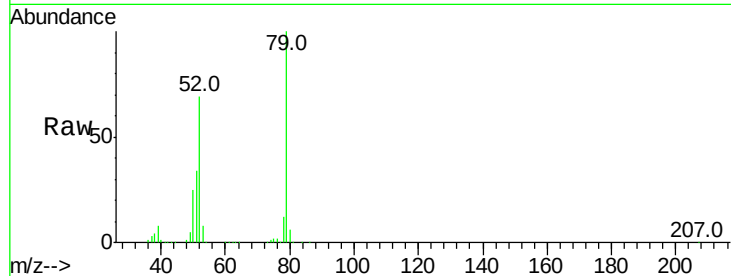




#3  
 Pvridine  
 Concen: 39.20 ng  
 RT: 2.80 min Scan# 155  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

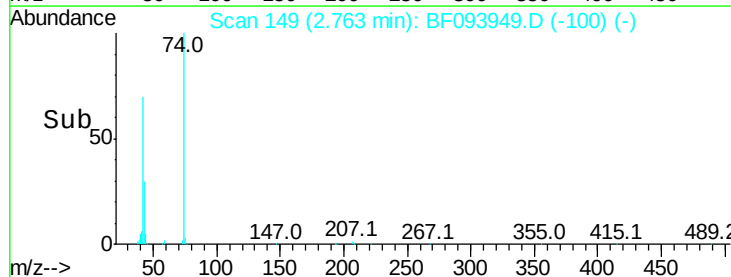
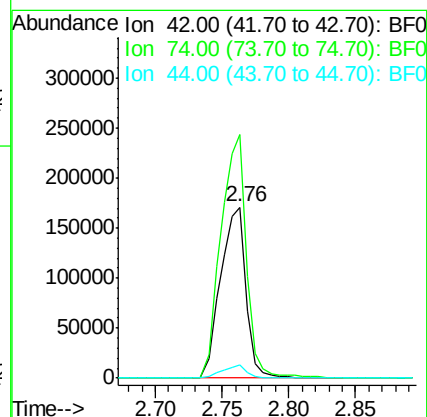
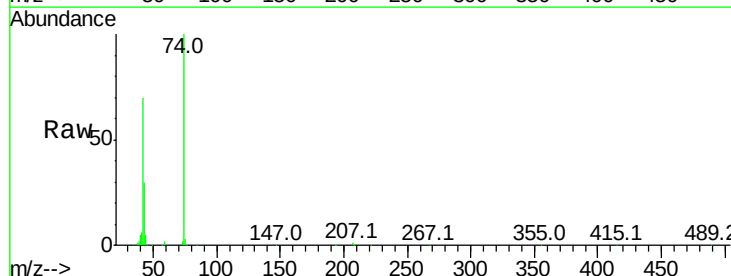
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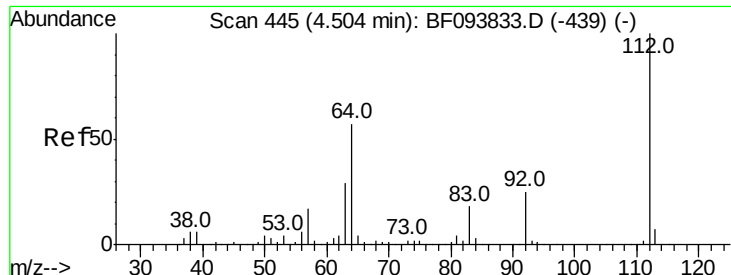
Tot Ion: 79 Resp: 564932  
 Ion Ratio Lower Upper  
 79 100  
 52 69.2 54.8 82.2  
 51 33.5 27.0 40.4



#4  
 n-Nitrosodimethylamine  
 Concen: 38.87 ng  
 RT: 2.76 min Scan# 149  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion: 42 Resp: 230489  
 Ion Ratio Lower Upper  
 42 100  
 74 142.5 103.9 155.9  
 44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 79.10 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

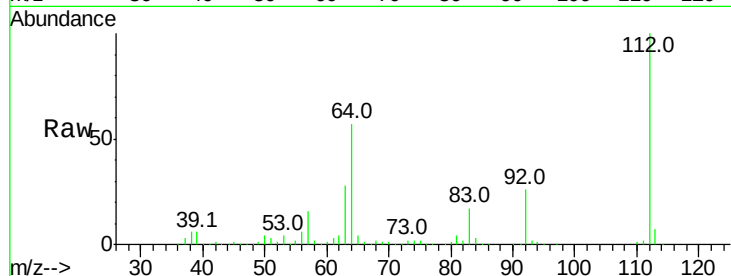
Tot Ion:112 Resp: 870560

Ion Ratio Lower Upper

112 100

64 57.3 46.0 69.0

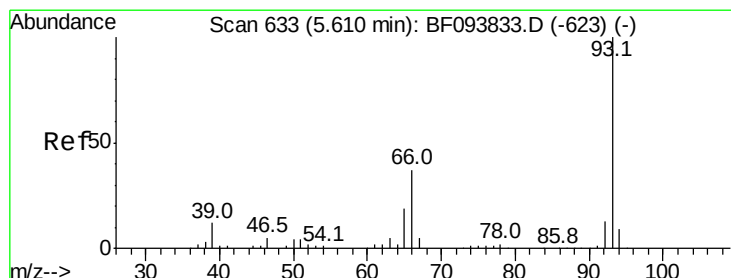
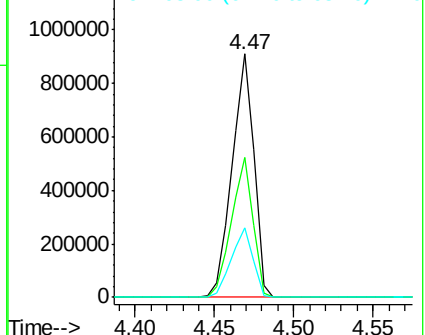
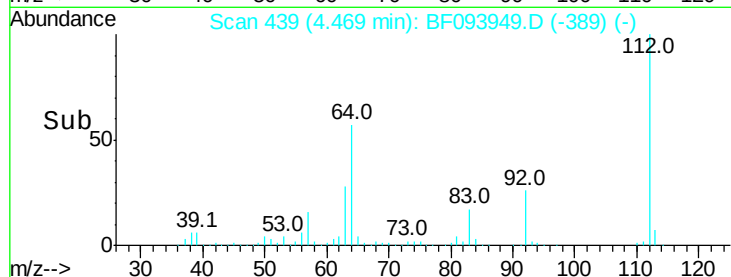
63 28.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.51 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

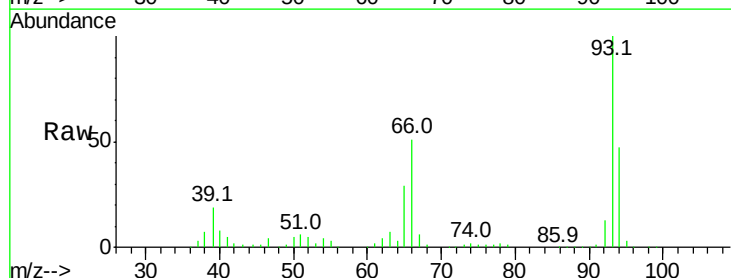
Tgt Ion: 93 Resp: 710344

Ion Ratio Lower Upper

93 100

66 50.9 32.9 49.3#

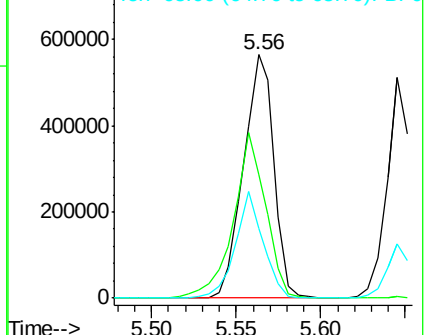
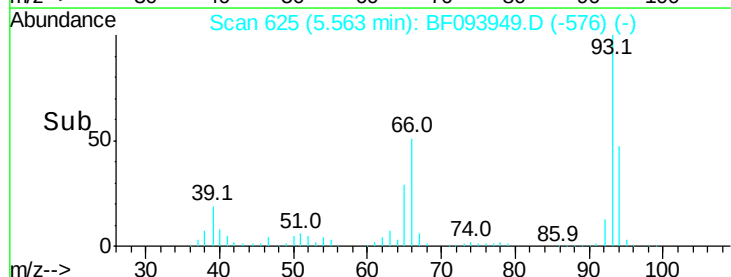
65 28.5 16.0 24.0#

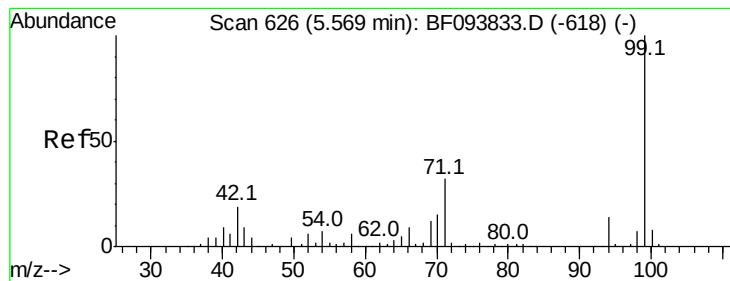


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.47 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF093949.D

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Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

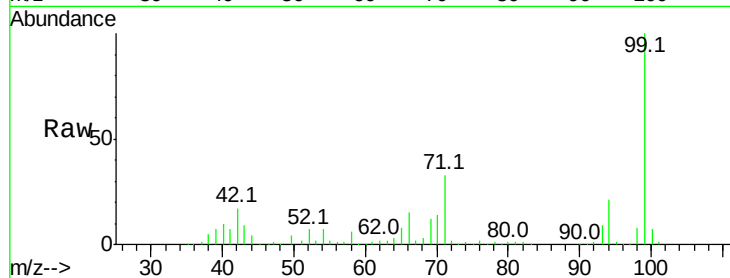
Tot Ion: 99 Resp: 1068351

Ion Ratio Lower Upper

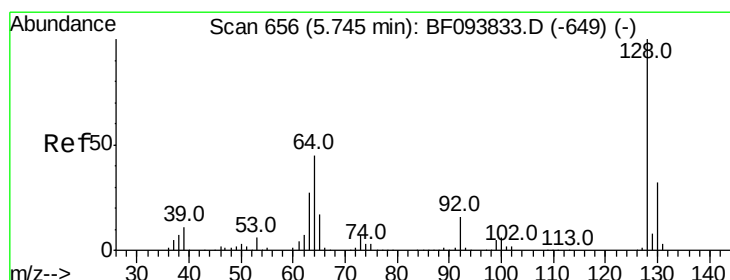
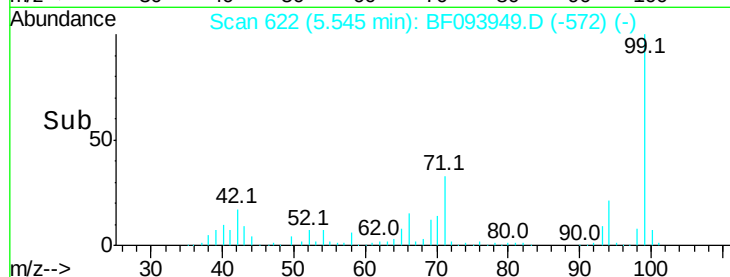
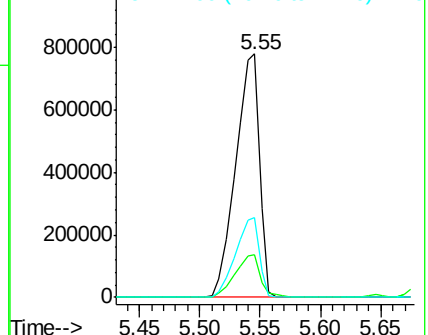
99 100

42 17.4 13.5 20.3

71 32.6 24.5 36.7



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



#8

2-Chlorophenol

Concen: 40.37 ng

RT: 5.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

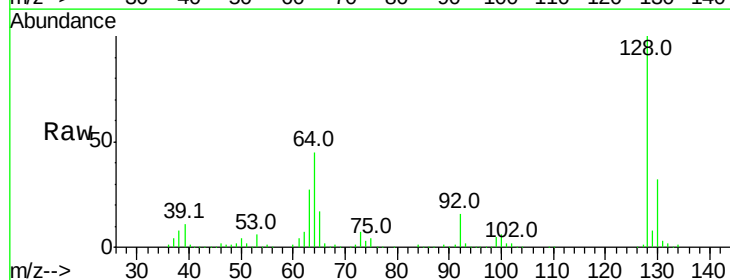
Tgt Ion: 128 Resp: 488331

Ion Ratio Lower Upper

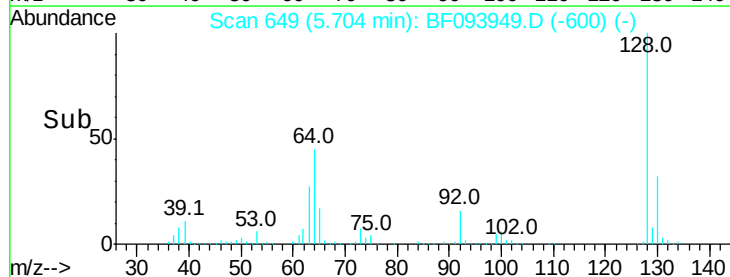
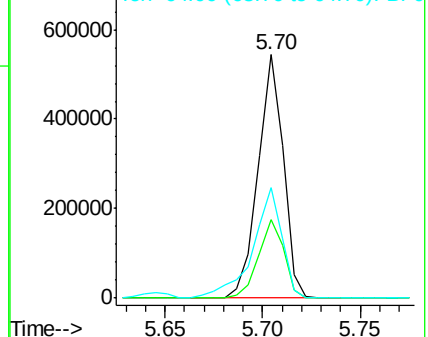
128 100

130 32.5 12.9 52.9

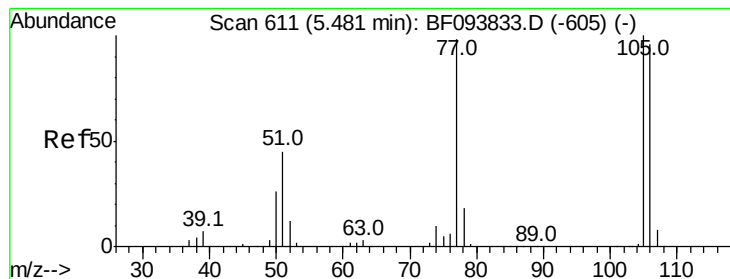
64 45.1 28.4 68.4



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







#9

Benzaldehyde

Concen: 37.30 ng

RT: 5.44 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

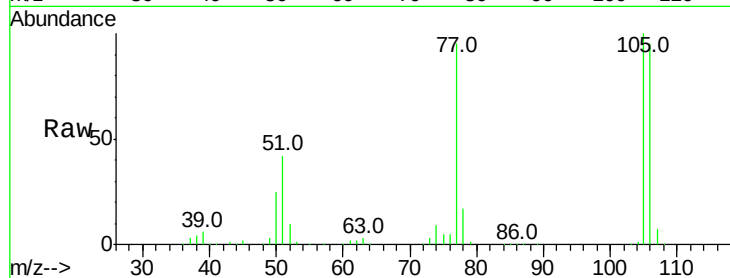
Tot Ion: 77 Resp: 342896

Ion Ratio Lower Upper

77 100

105 105.8 83.8 123.8

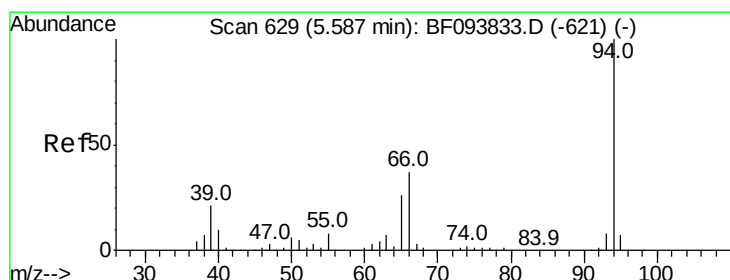
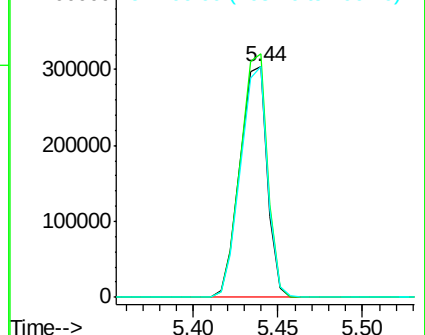
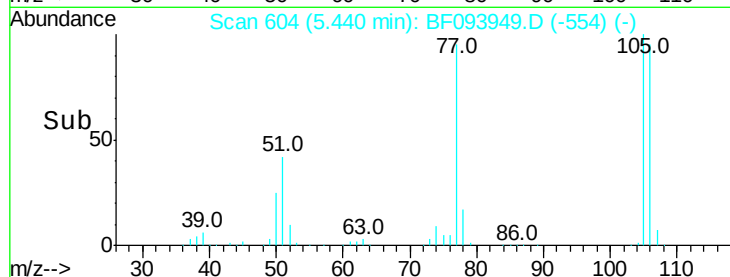
106 100.4 79.1 119.1



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: 38.52 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

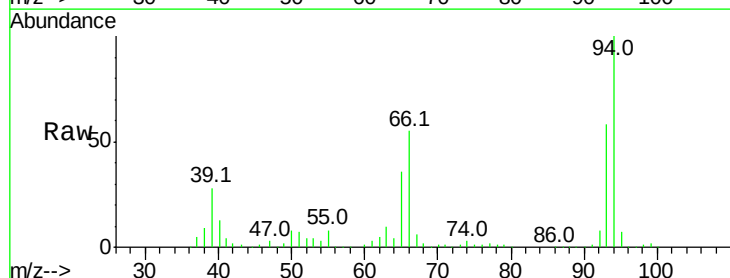
Tgt Ion: 94 Resp: 596789

Ion Ratio Lower Upper

94 100

65 35.8 9.9 49.9

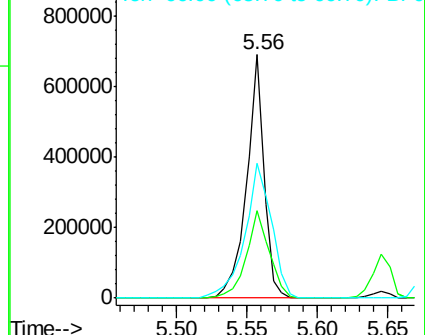
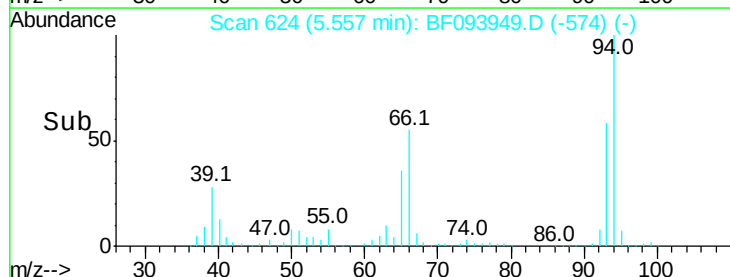
66 55.5 23.1 63.1



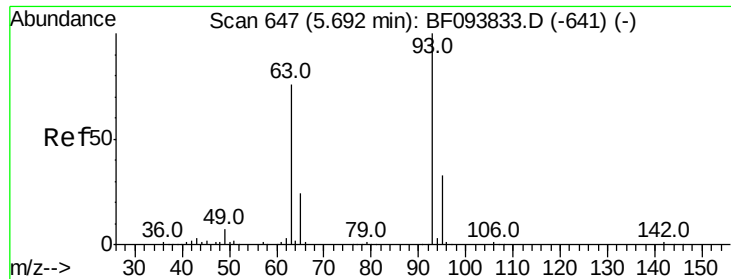
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0







#11

bis(2-Chloroethyl)ether

Concen: 39.33 ng

RT: 5.65 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

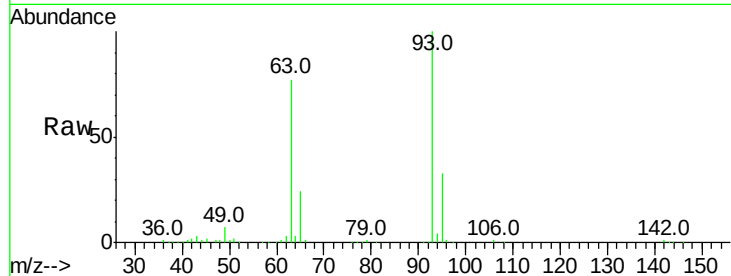
Tot Ion: 93 Resp: 476175

Ion Ratio Lower Upper

93 100

63 76.7 59.2 99.2

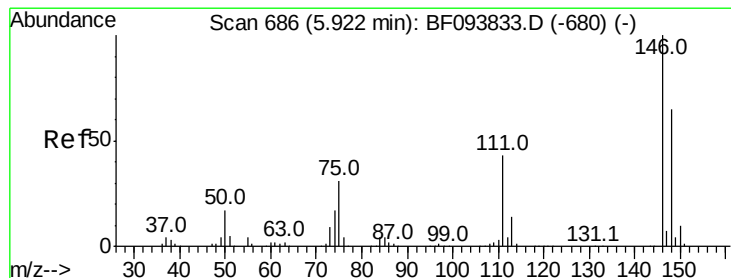
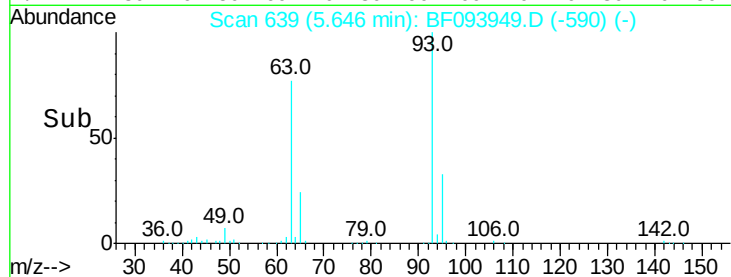
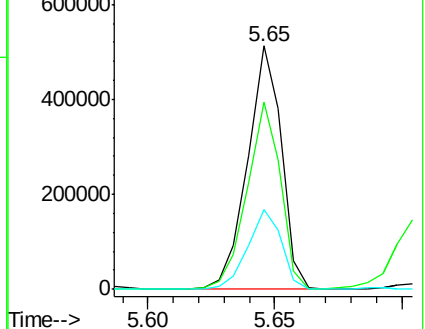
95 32.7 12.8 52.8



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: 39.86 ng

RT: 5.87 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

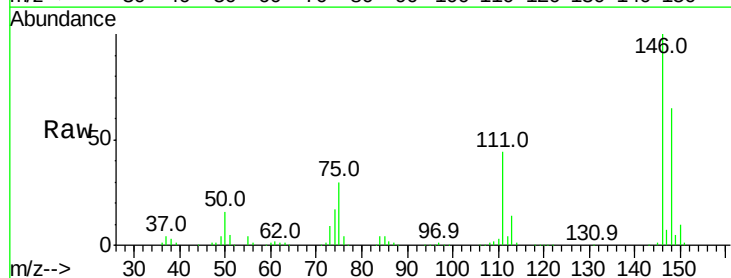
Tgt Ion: 146 Resp: 540943

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

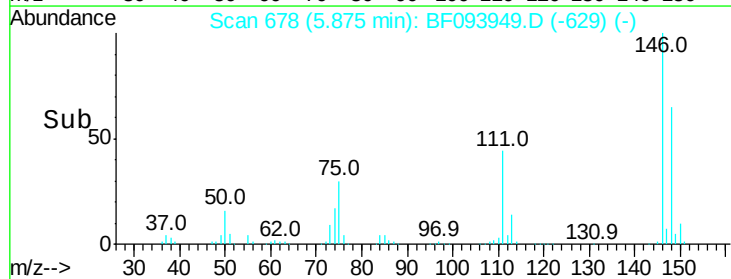
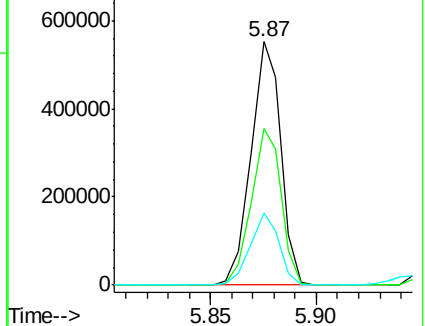
75 29.6 23.1 34.7

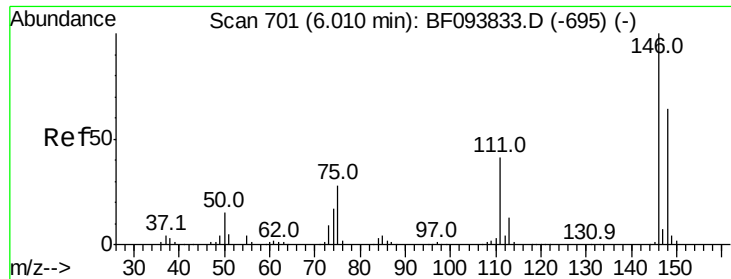


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

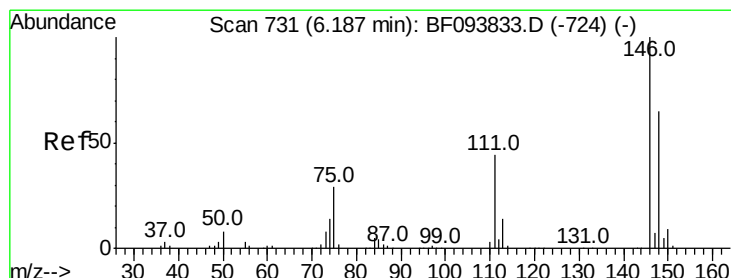
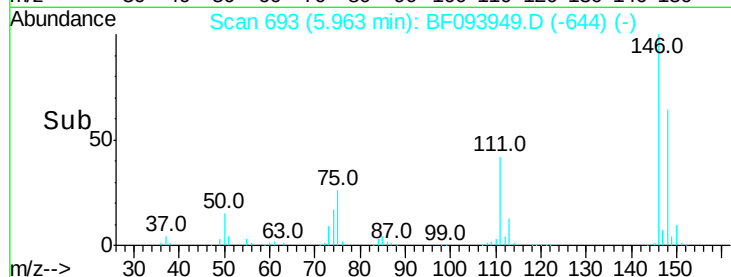
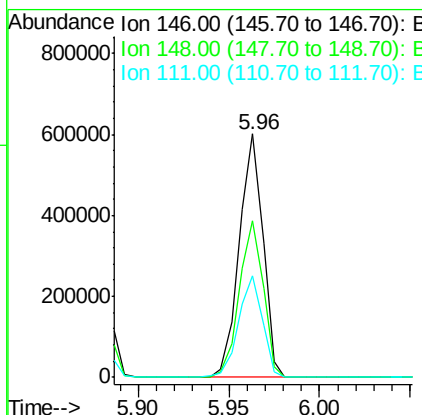
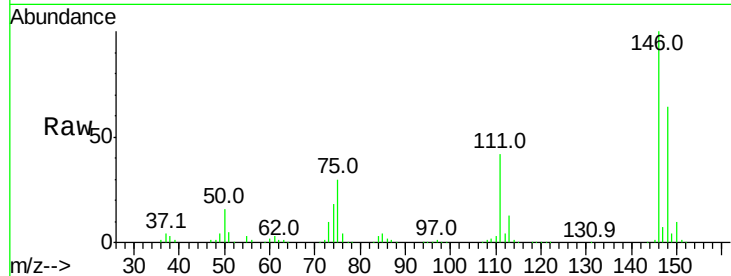




#13  
 1,4-Dichlorobenzene  
 Concen: 39.82 ng  
 RT: 5.96 min Scan# 693  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

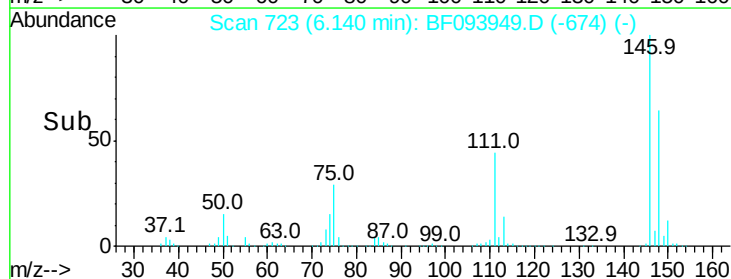
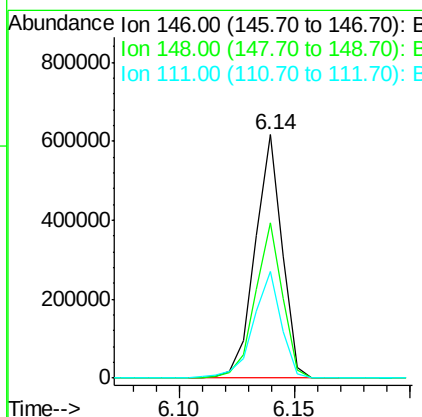
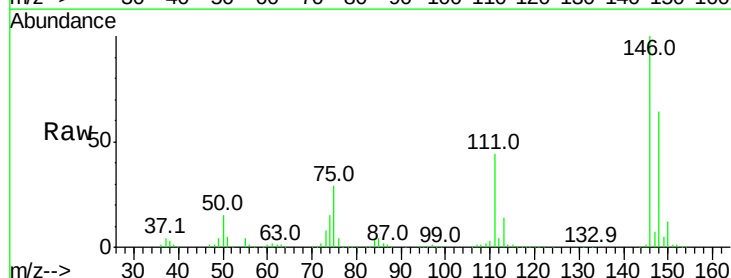
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

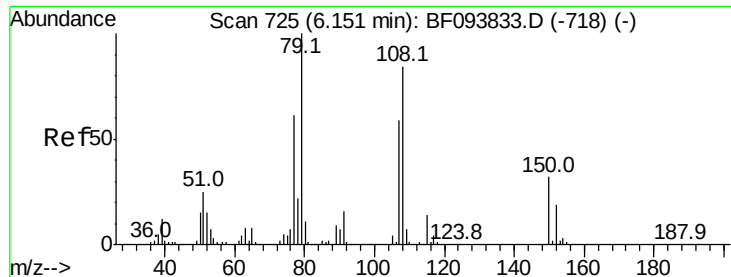
Tot Ion:146 Resp: 547308  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 52.2 78.2  
 111 41.8 30.3 45.5



#14  
 1,2-Dichlorobenzene  
 Concen: 39.89 ng  
 RT: 6.14 min Scan# 723  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:146 Resp: 504835  
 Ion Ratio Lower Upper  
 146 100  
 148 63.7 50.4 75.6  
 111 43.6 38.2 57.4





#15

Benzyl Alcohol

Concen: 39.83 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

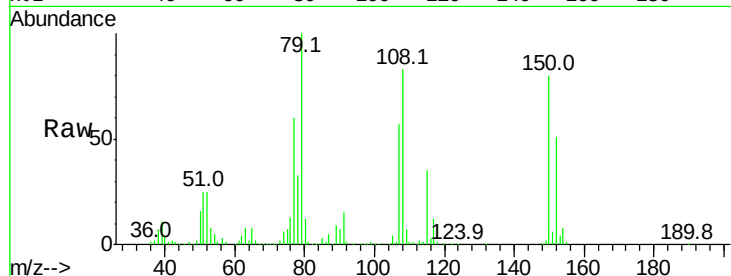
Tot Ion: 79 Resp: 396947

Ion Ratio Lower Upper

79 100

108 83.2 63.4 95.0

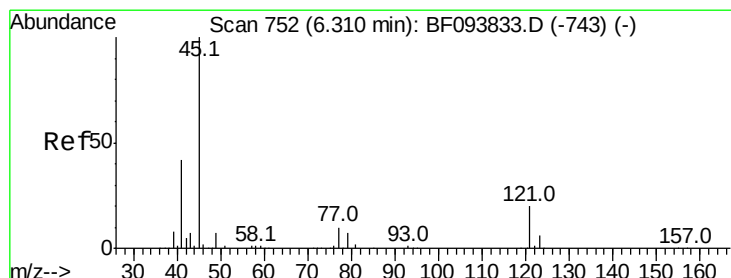
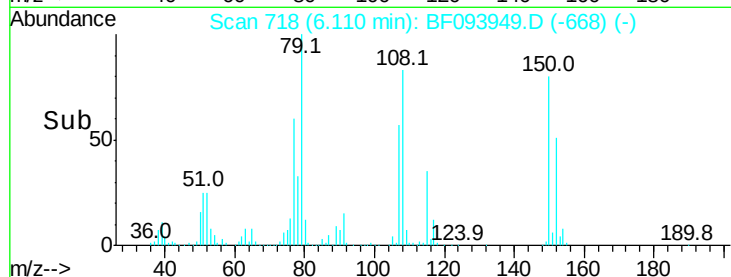
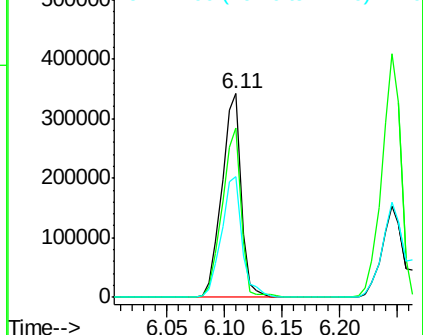
77 59.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.38 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

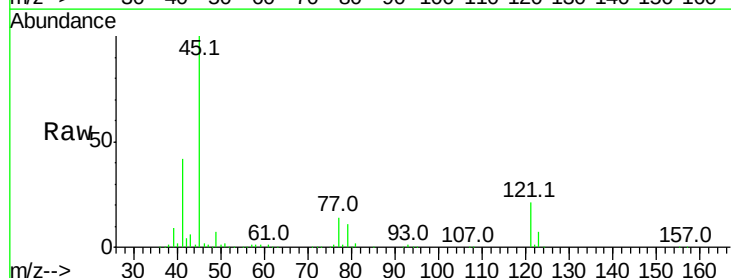
Tgt Ion: 45 Resp: 697412

Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.2

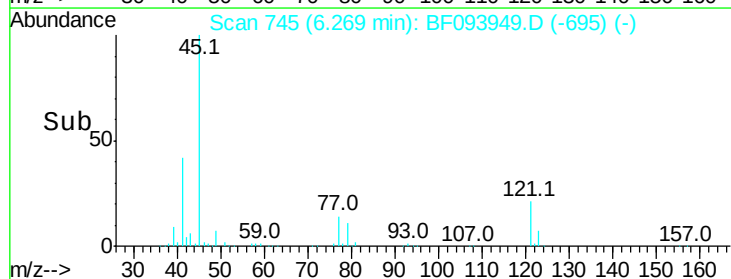
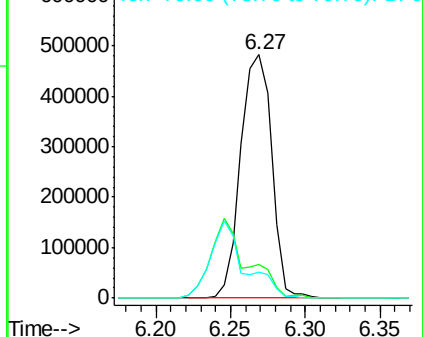
79 10.5 0.0 30.0

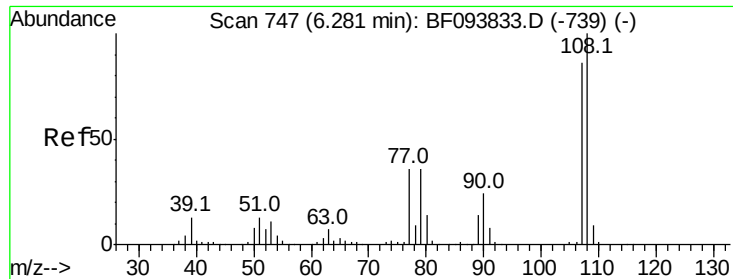


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

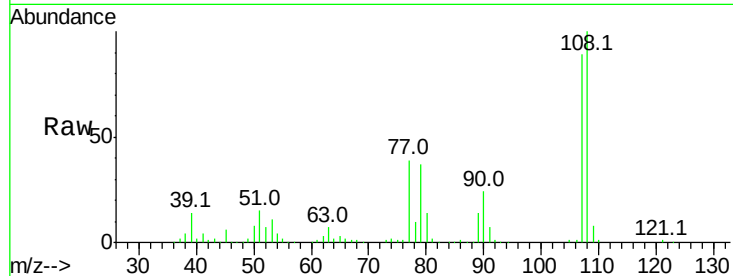




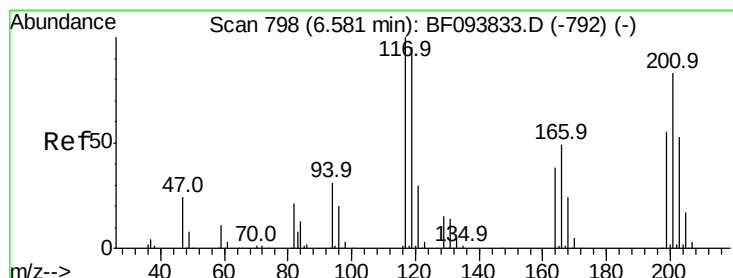
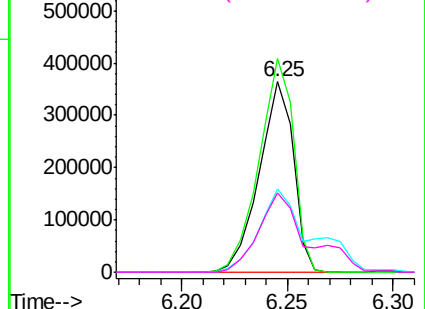
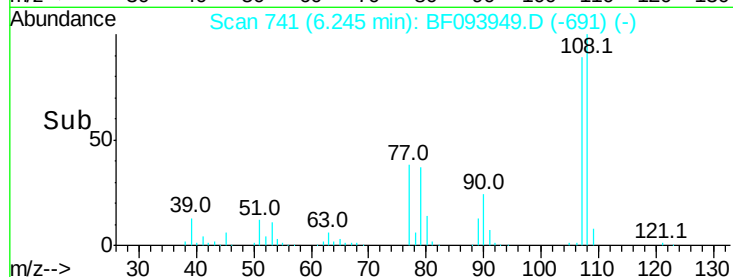
#17  
2-Methylphenol  
Concen: 39.75 ng  
RT: 6.25 min Scan# 741  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:107 Resp: 411816  
Ion Ratio Lower Upper  
107 100  
108 112.3 93.4 140.0  
77 43.7 35.8 53.6  
79 41.9 34.8 52.2

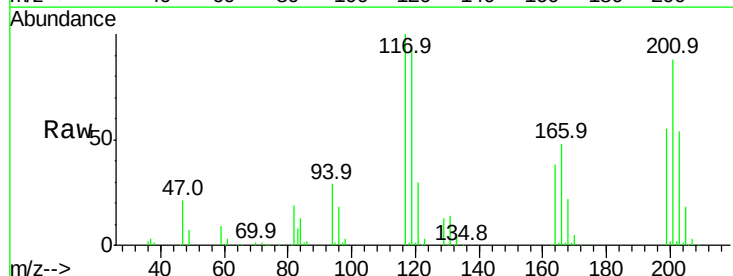


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

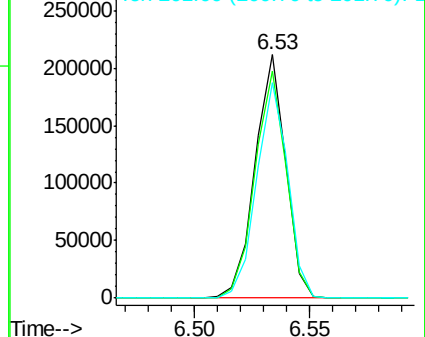
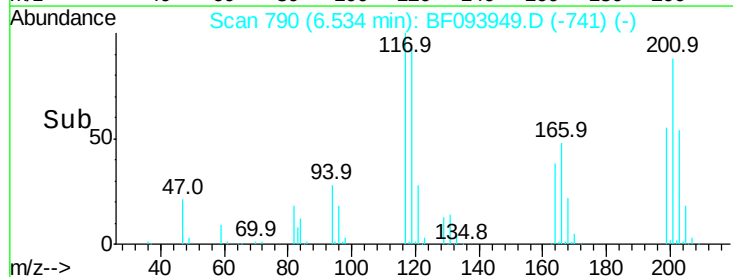


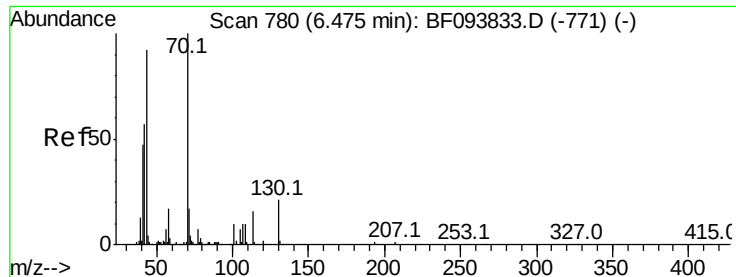
#18  
Hexachloroethane  
Concen: 40.64 ng  
RT: 6.53 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Tgt Ion:117 Resp: 196328  
Ion Ratio Lower Upper  
117 100  
119 93.3 77.4 116.0  
201 88.5 94.6 141.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 37.83 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 331020

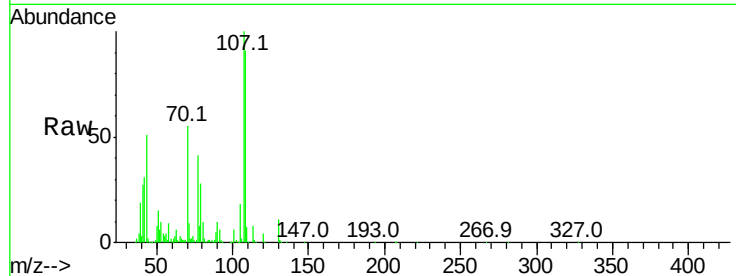
Ion Ratio Lower Upper

70 100

42 56.8 47.2 70.8

101 10.3 7.2 10.8

130 20.6 15.9 23.9

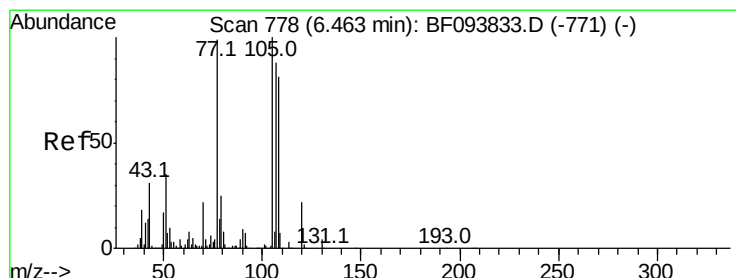
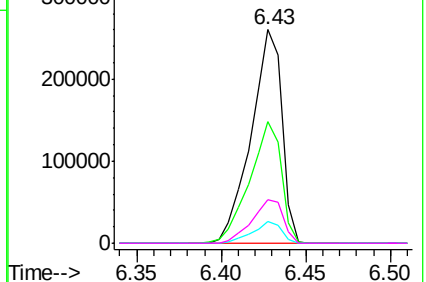
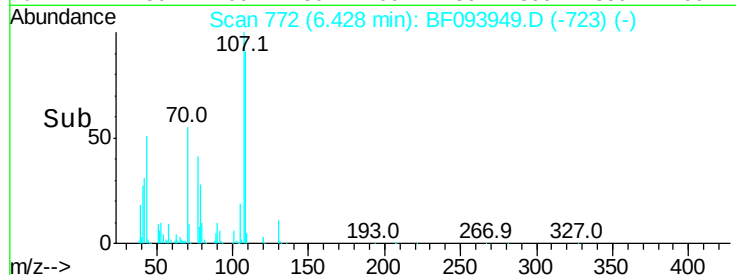


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 39.66 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Tgt Ion: 107 Resp: 497679

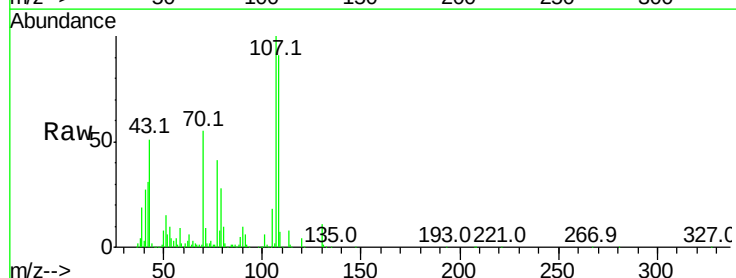
Ion Ratio Lower Upper

107 100

108 91.0 71.0 111.0

77 40.9 90.5 130.5#

79 27.7 8.4 48.4

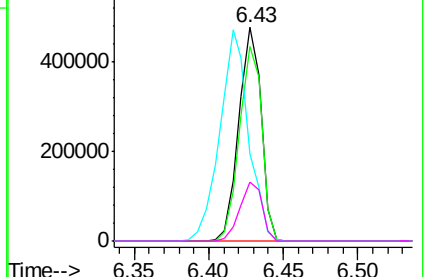
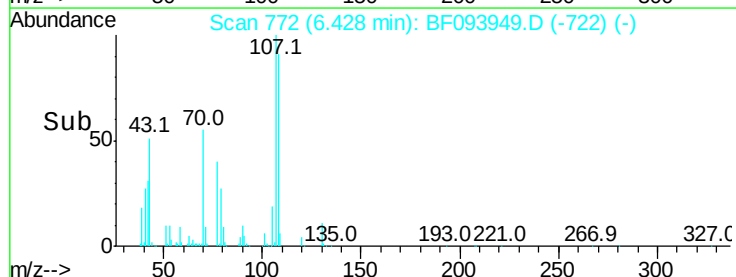


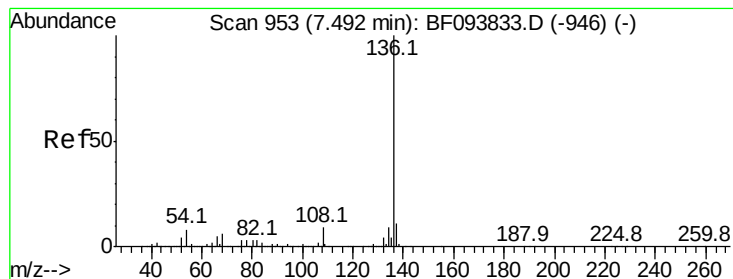
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 739947

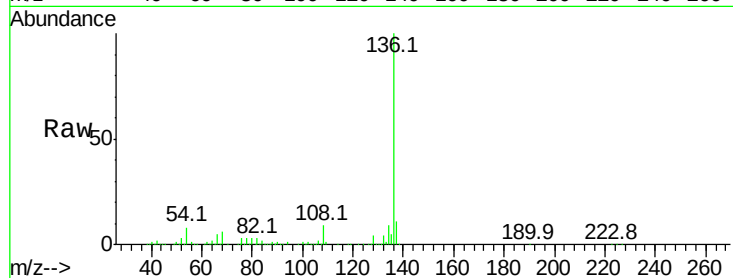
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 5.5 4.1 6.1



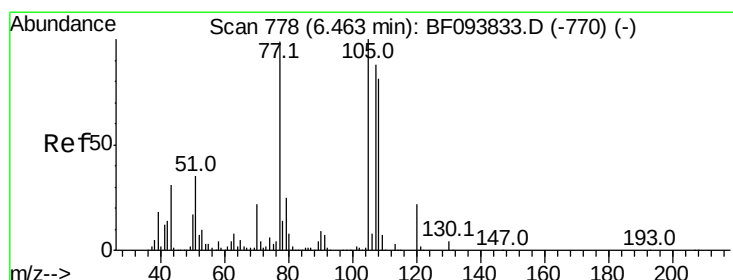
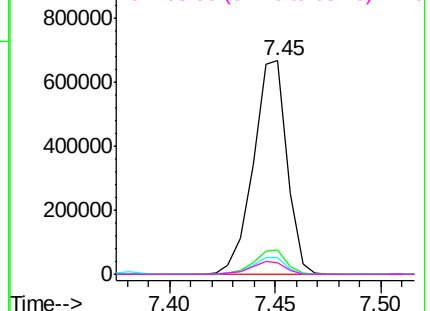
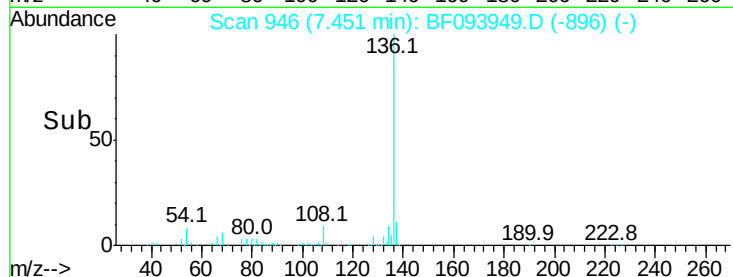
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.58 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Tgt Ion:105 Resp: 669281

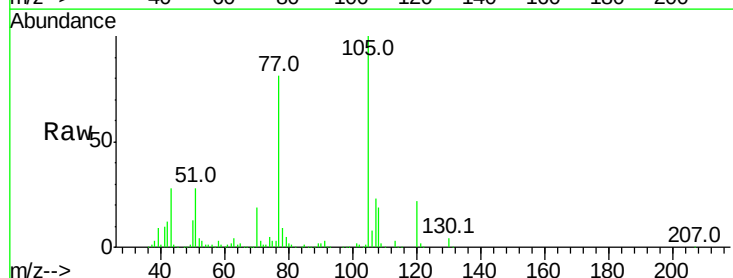
Ion Ratio Lower Upper

105 100

71 3.3 2.8 4.2

51 28.4 30.7 46.1#

120 21.8 17.4 26.0



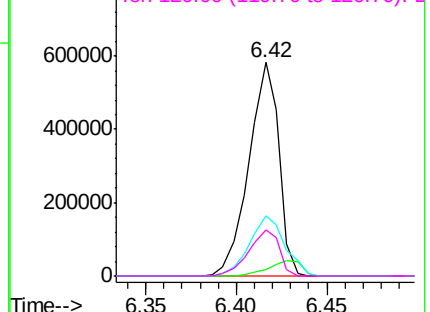
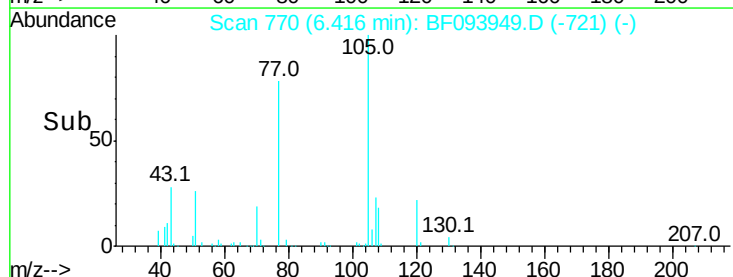
Abundance

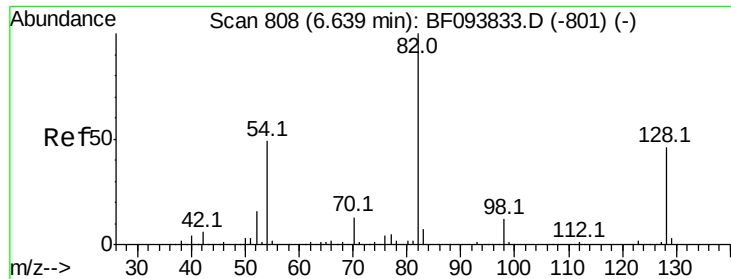
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

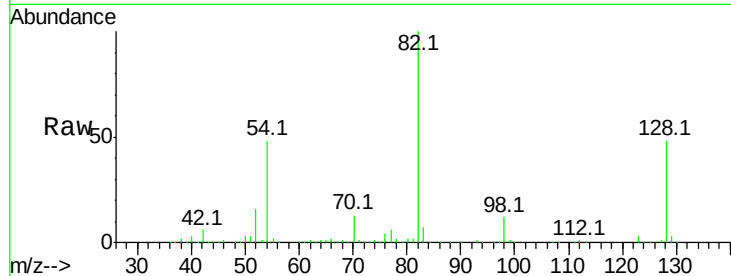




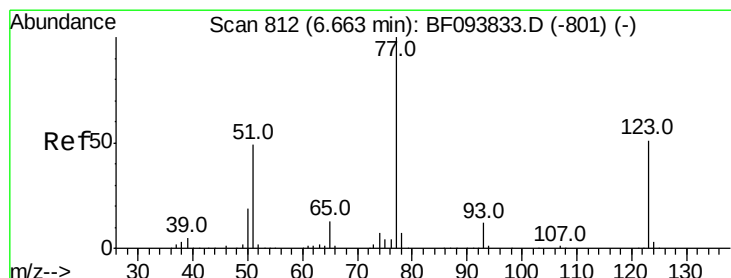
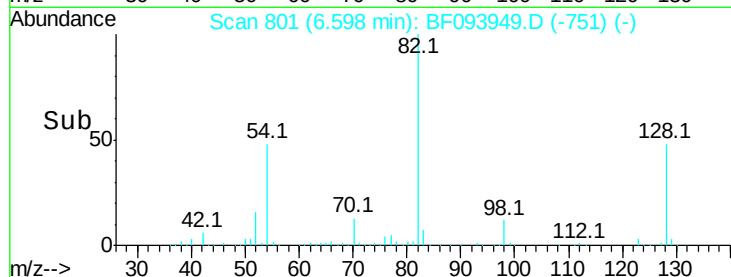
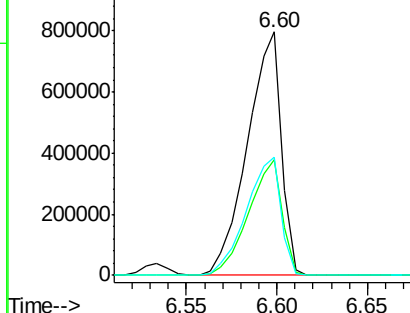
#23  
Nitrobenzene-d5  
Concen: 80.07 ng  
RT: 6.60 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 82 Resp: 1038126  
Ion Ratio Lower Upper  
82 100  
128 47.6 34.0 51.0  
54 48.3 42.2 63.2

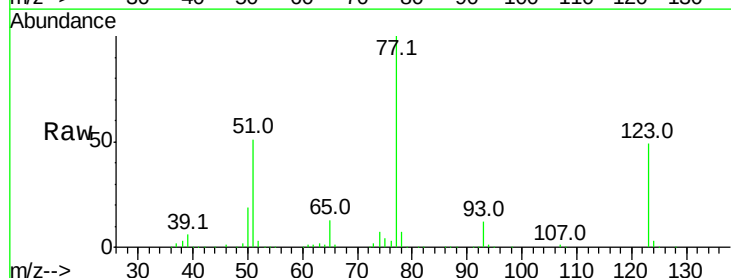


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

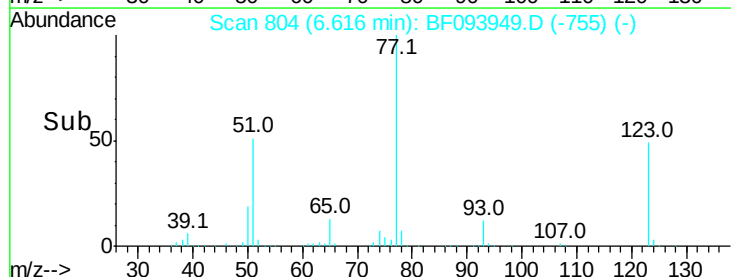
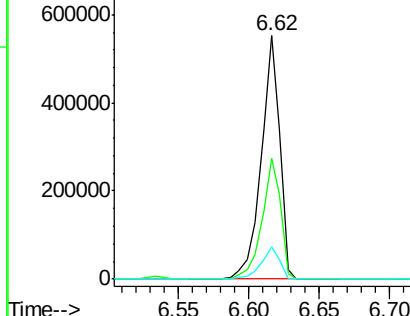


#24  
Nitrobenzene  
Concen: 40.11 ng  
RT: 6.62 min Scan# 804  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

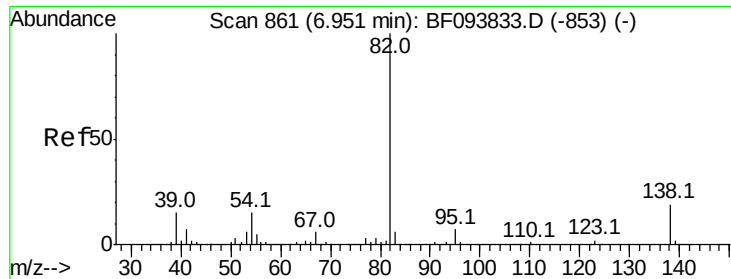
Tgt Ion: 77 Resp: 512908  
Ion Ratio Lower Upper  
77 100  
123 49.3 35.8 53.8  
65 13.5 10.6 15.8



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







#25

Isophorone

Concen: 39.25 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

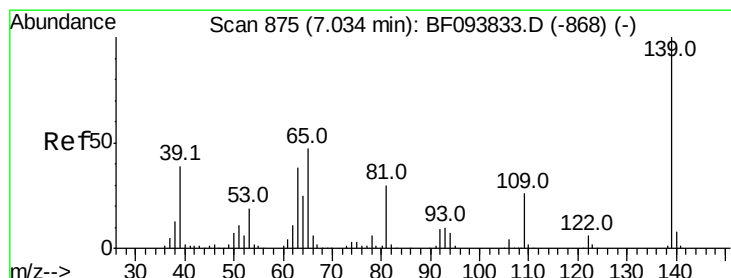
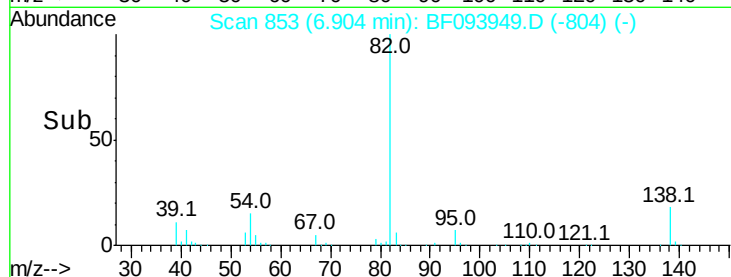
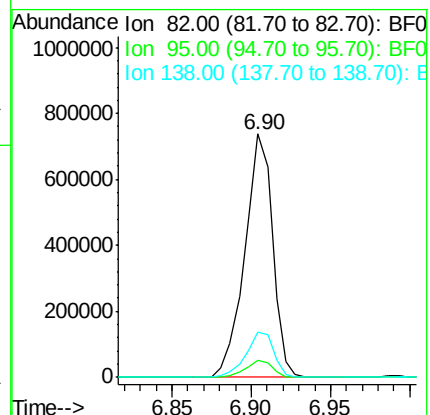
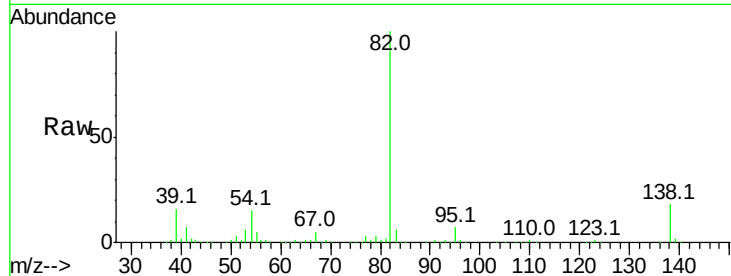
Tot Ion: 82 Resp: 894288

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 44.16 ng

RT: 6.99 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

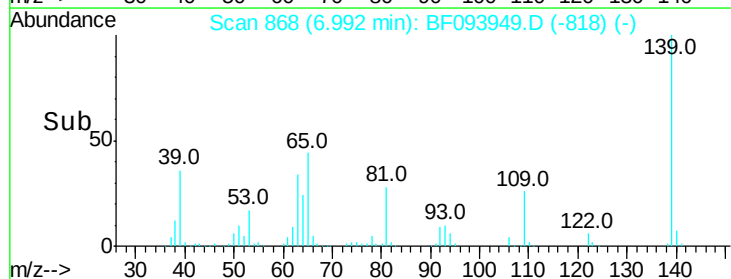
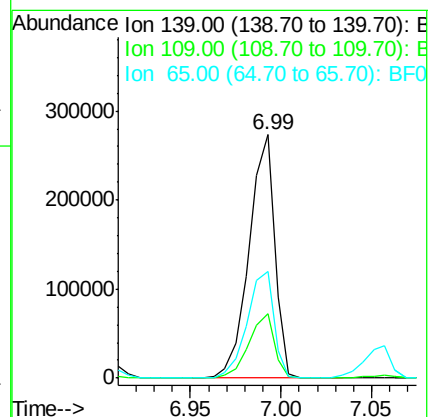
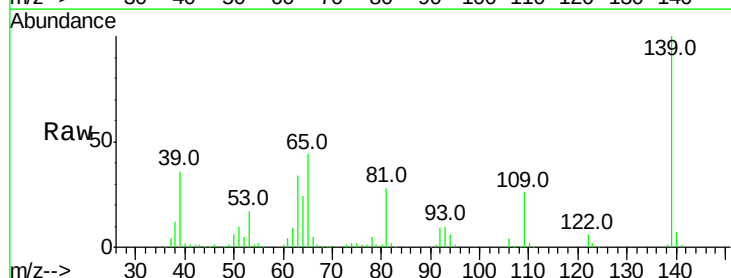
Tgt Ion: 139 Resp: 269281

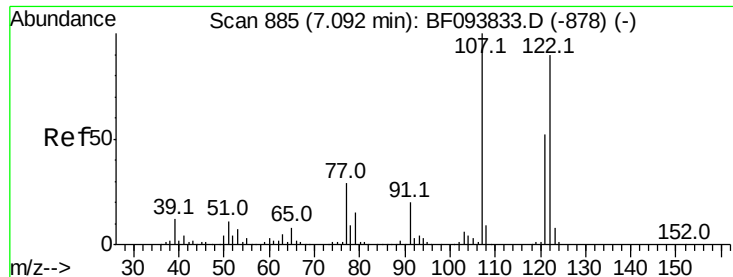
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.6

65 44.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.25 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

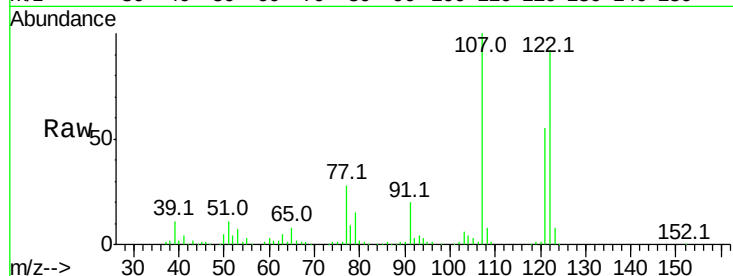
Tot Ion:122 Resp: 422935

Ion Ratio Lower Upper

122 100

107 108.7 89.2 133.8

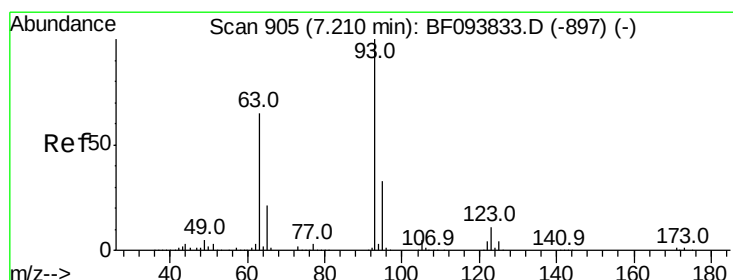
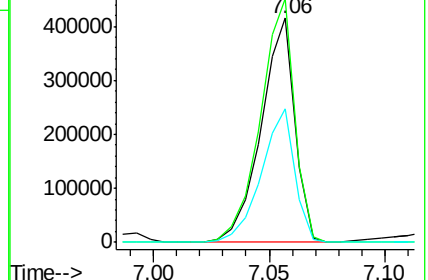
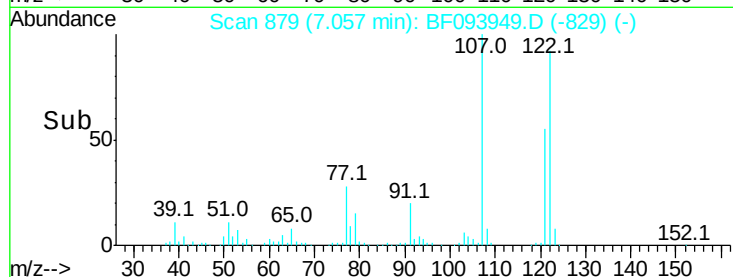
121 59.5 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.17 ng

RT: 7.16 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

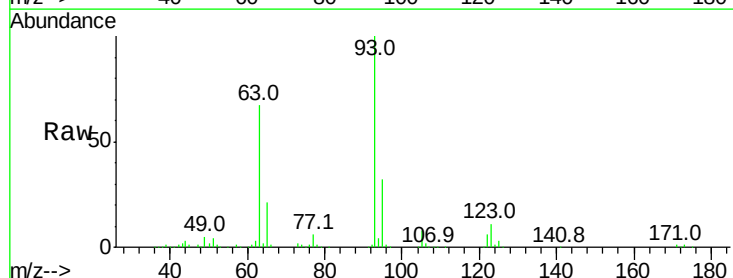
Tgt Ion: 93 Resp: 588459

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

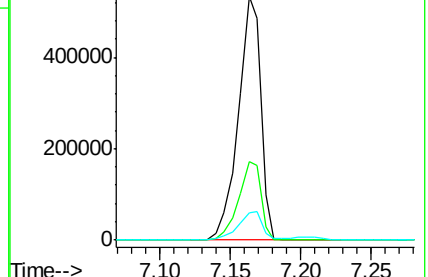
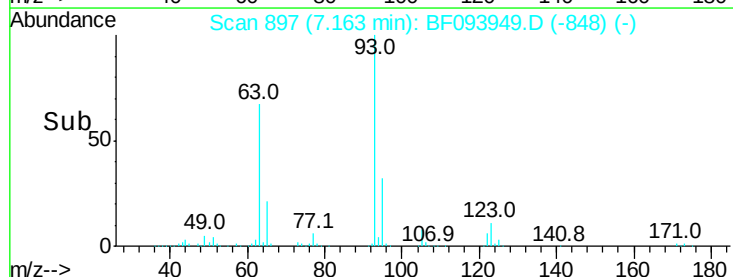
123 11.4 9.0 13.4

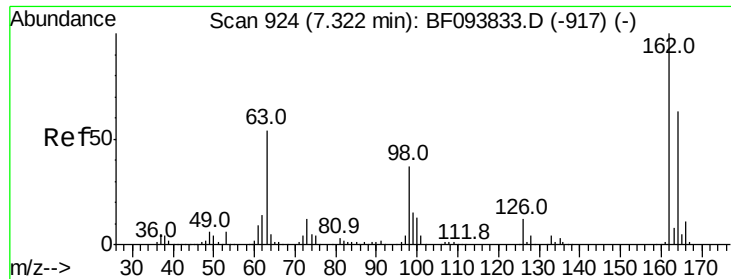


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

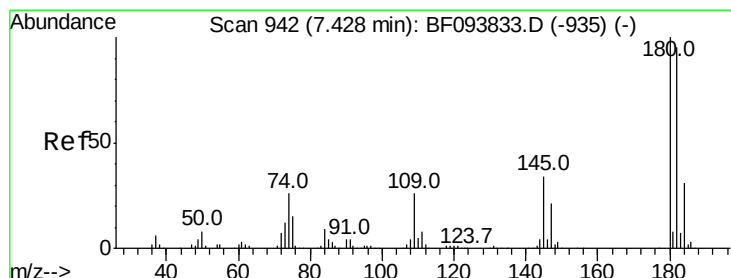
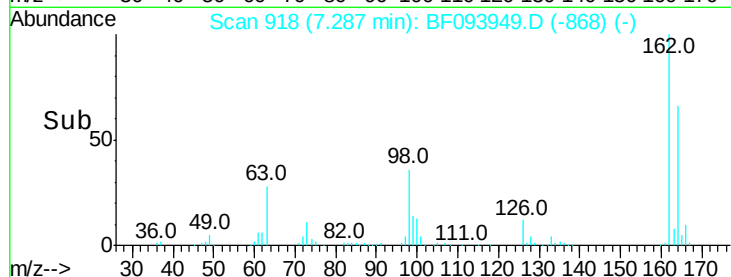
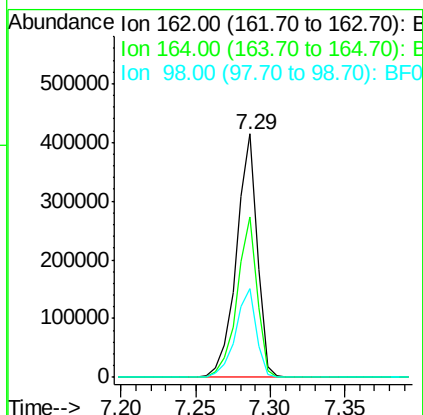
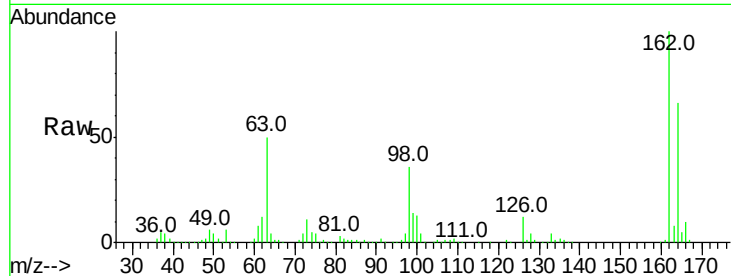




#29  
 2,4-Dichlorophenol  
 Concen: 41.21 ng  
 RT: 7.29 min Scan# 918  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

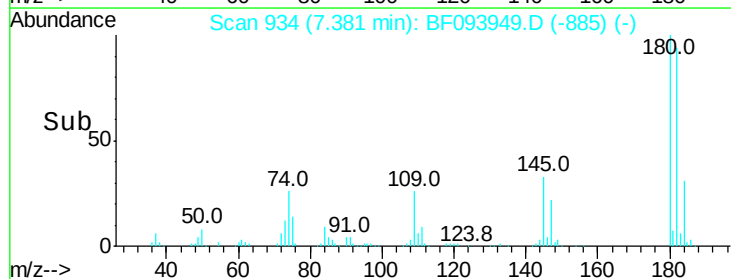
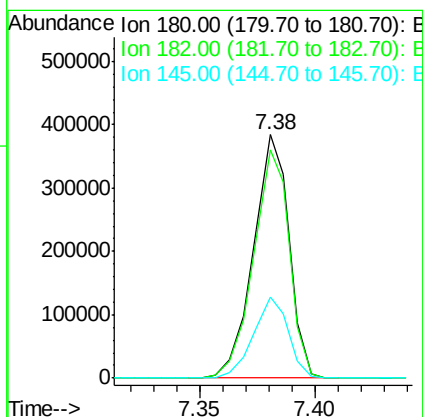
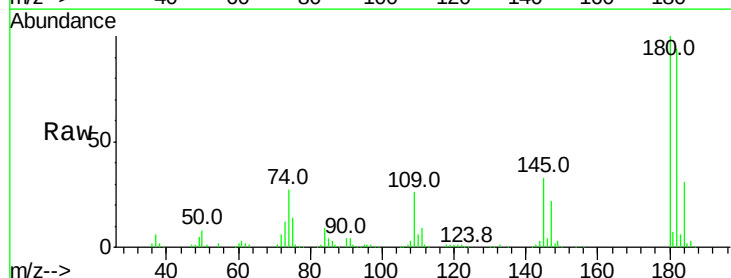
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

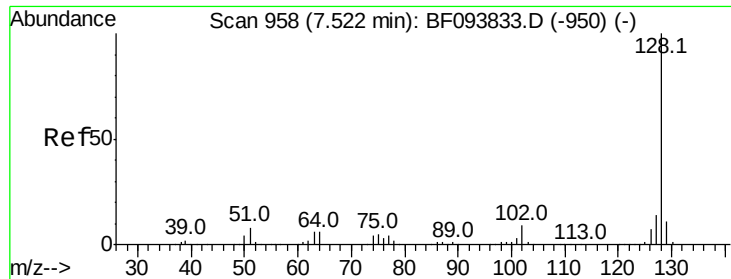
Tot Ion:162 Resp: 404852  
 Ion Ratio Lower Upper  
 162 100  
 164 66.0 44.6 84.6  
 98 36.4 14.8 54.8



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.65 ng  
 RT: 7.38 min Scan# 934  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:180 Resp: 411329  
 Ion Ratio Lower Upper  
 180 100  
 182 93.8 75.8 113.6  
 145 33.2 25.3 37.9

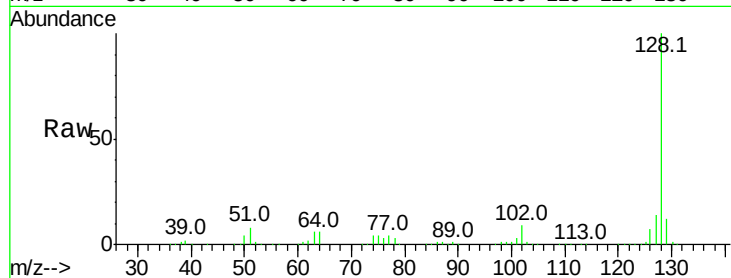




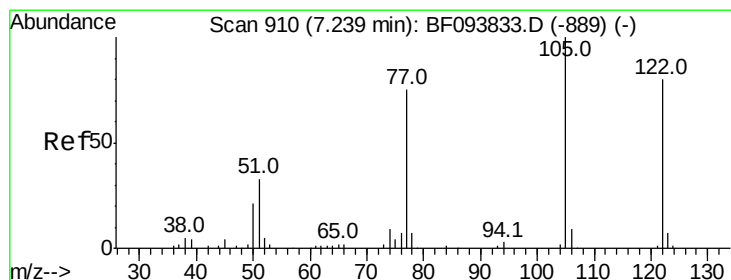
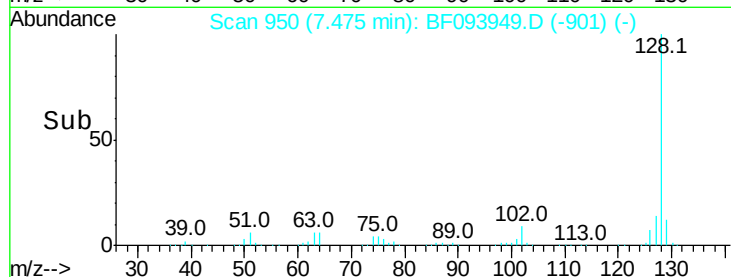
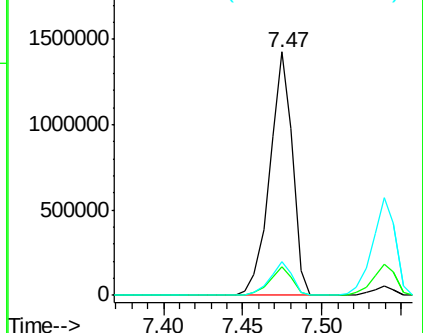
#31  
Naphthalene  
Concen: 39.89 ng  
RT: 7.47 min Scan# 950  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 1419388  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.6  
127 13.7 10.8 16.2

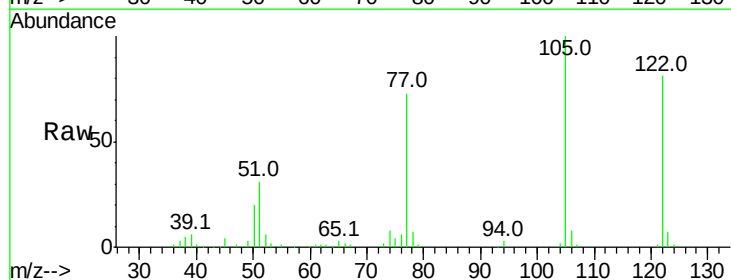


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

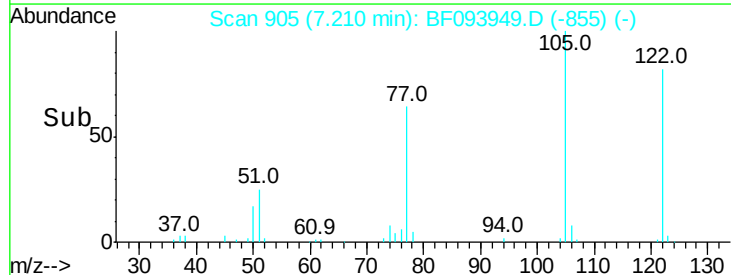
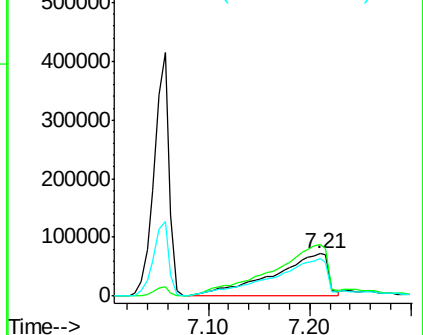


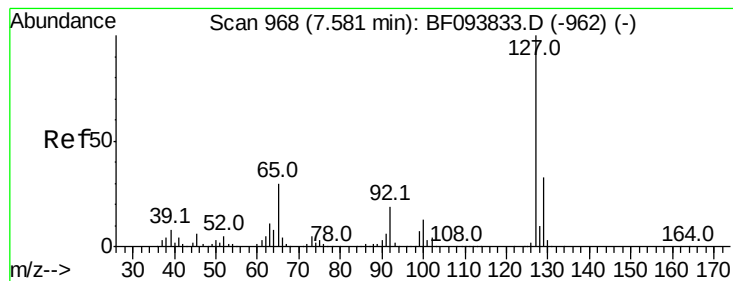
#32  
Benzoic acid  
Concen: 38.08 ng  
RT: 7.21 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Tgt Ion:122 Resp: 266354  
Ion Ratio Lower Upper  
122 100  
105 123.1 103.3 143.3  
77 89.7 73.7 113.7



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





#33

4-Chloroaniline

Concen: 40.51 ng

RT: 7.54 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 584090

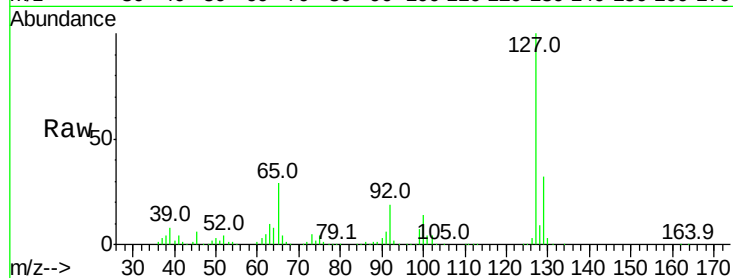
Ion Ratio Lower Upper

127 100

129 31.6 26.2 39.2

65 29.3 27.8 41.8

92 19.5 16.8 25.2

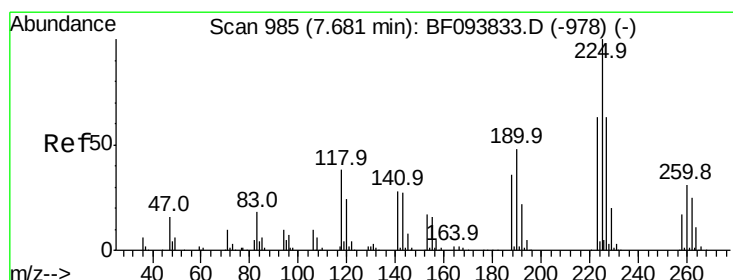
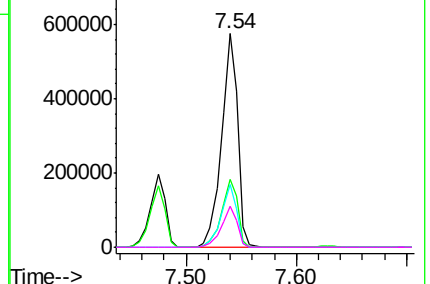
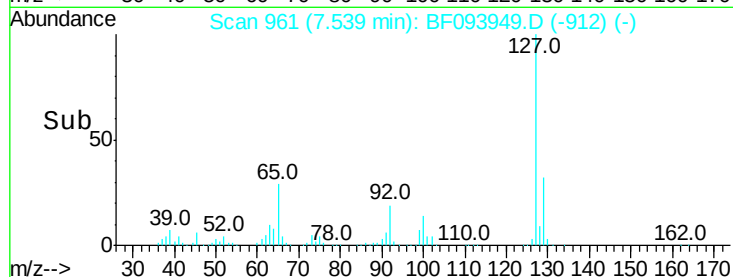


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.82 ng

RT: 7.63 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

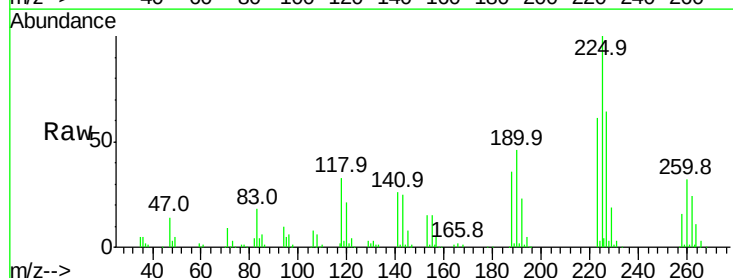
Tgt Ion:225 Resp: 211839

Ion Ratio Lower Upper

225 100

223 60.6 48.8 73.2

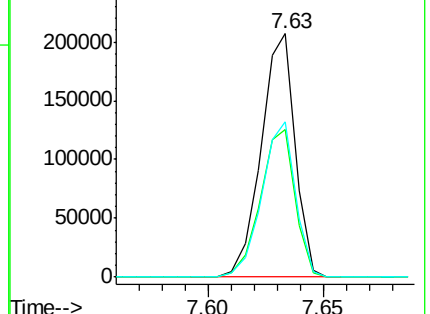
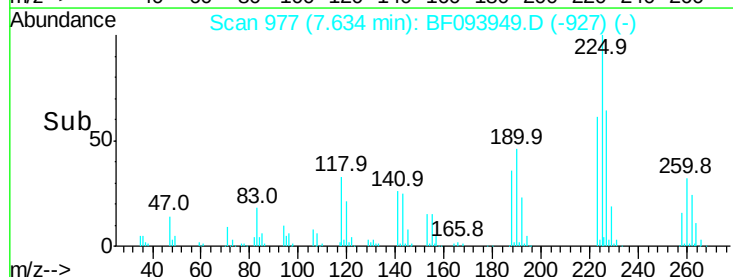
227 63.8 51.1 76.7

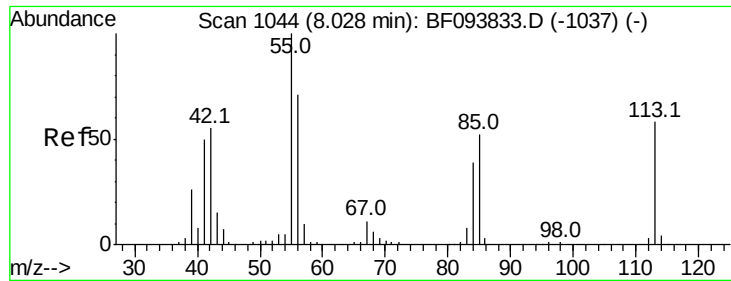


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

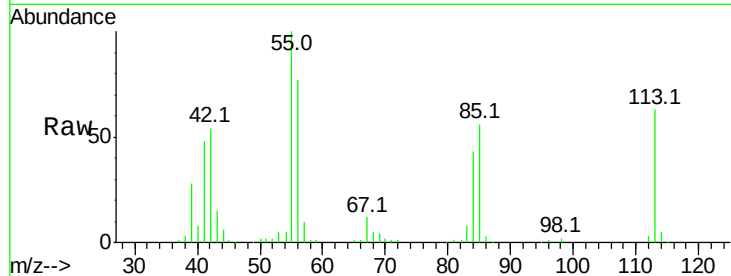




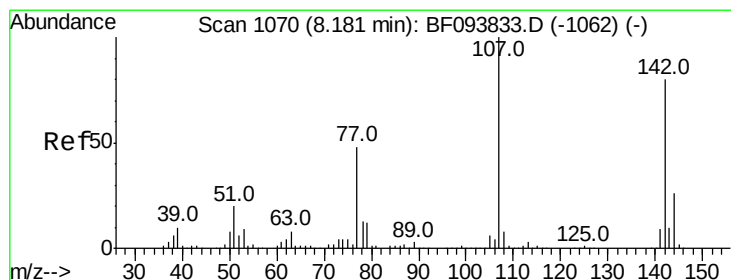
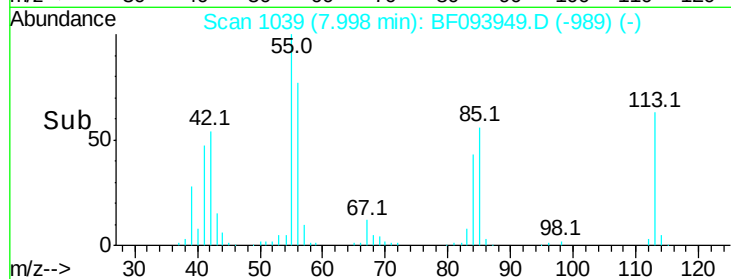
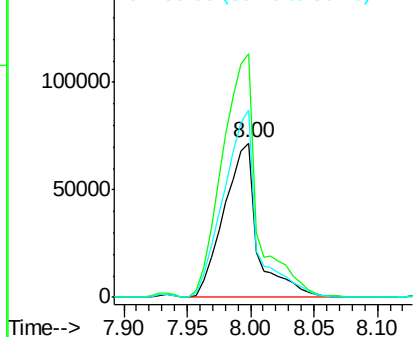
#35  
 Caprolactam  
 Concen: 42.37 ng  
 RT: 8.00 min Scan# 1039  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:113 Resp: 132737  
 Ion Ratio Lower Upper  
 113 100  
 55 157.7 150.2 190.2  
 56 121.4 107.8 147.8

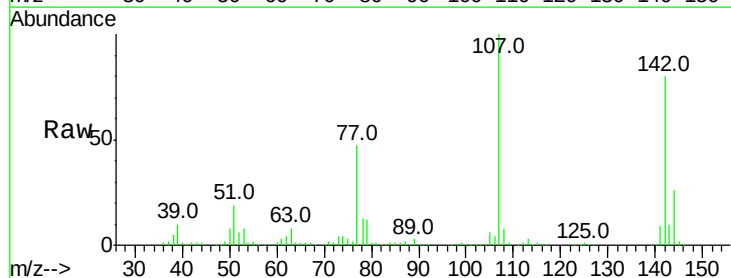


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

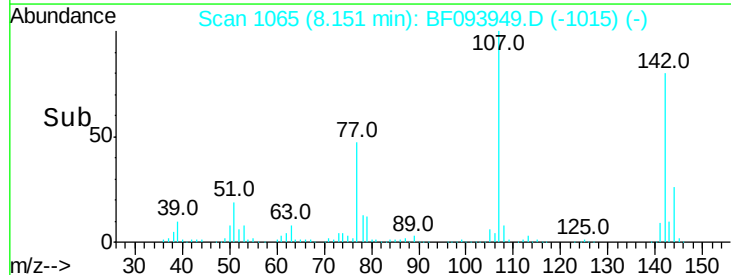
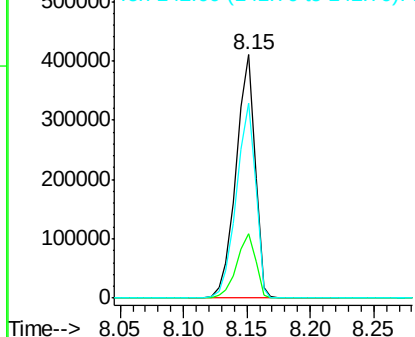


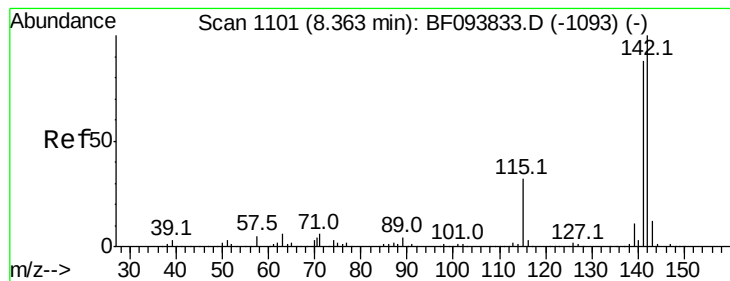
#36  
 4-Chloro-3-methylphenol  
 Concen: 41.27 ng  
 RT: 8.15 min Scan# 1065  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:107 Resp: 423671  
 Ion Ratio Lower Upper  
 107 100  
 144 26.3 24.2 36.4  
 142 80.2 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 39.98 ng

RT: 8.32 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

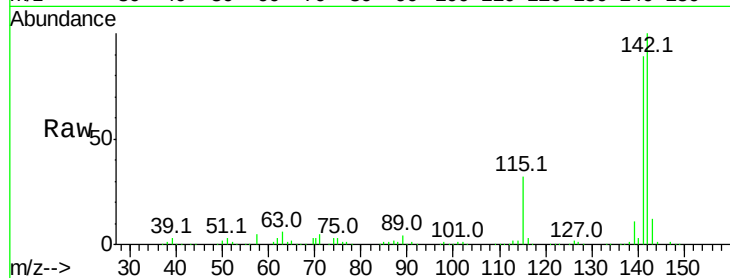
Tot Ion:142 Resp: 948175

Ion Ratio Lower Upper

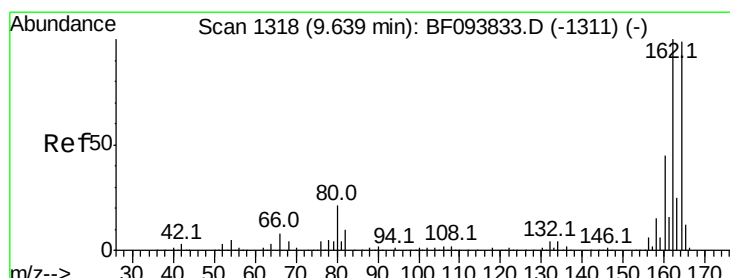
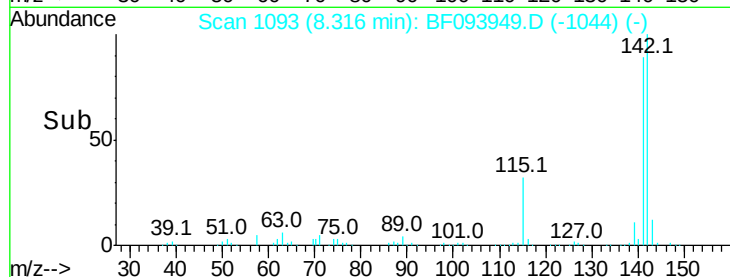
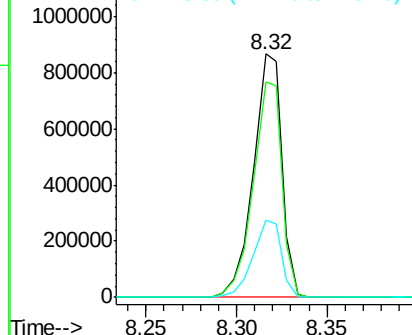
142 100

141 88.6 71.3 106.9

115 32.0 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

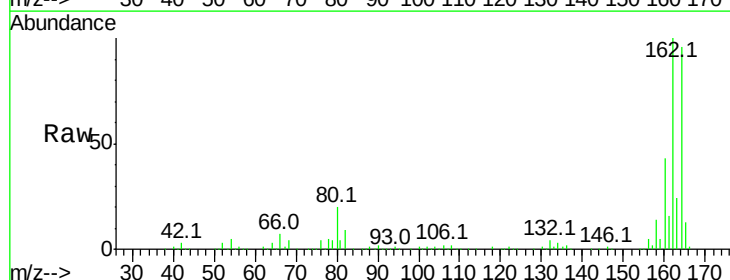
Tgt Ion:164 Resp: 335144

Ion Ratio Lower Upper

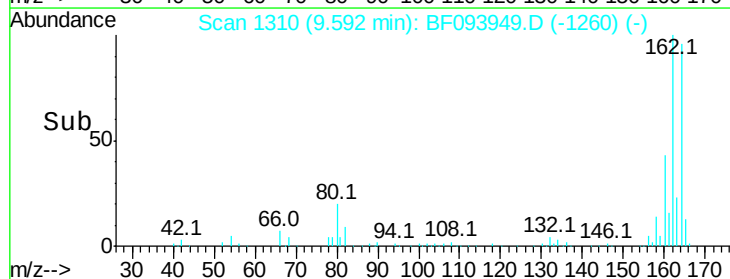
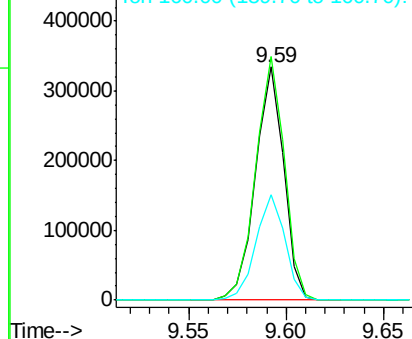
164 100

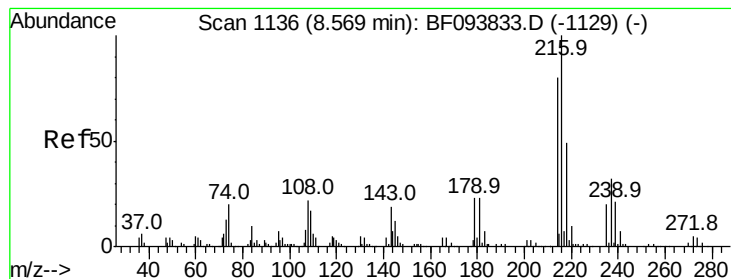
162 104.4 82.6 123.8

160 45.4 36.2 54.2



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: 40.36 ng

RT: 8.53 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 369996

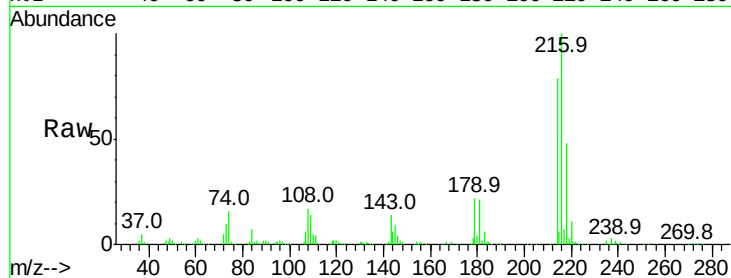
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.2 17.9 26.9

108 20.7 16.5 24.7

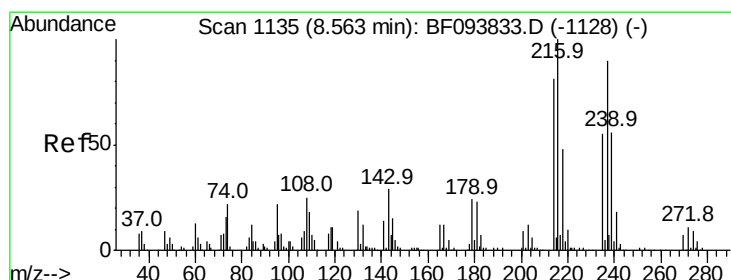
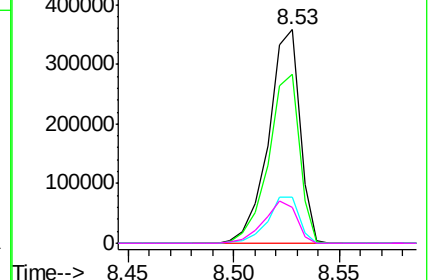
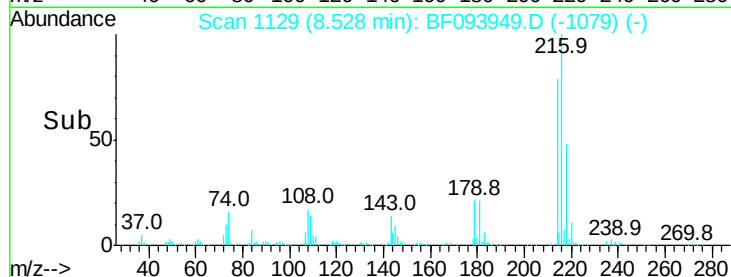


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.81 ng

RT: 8.52 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

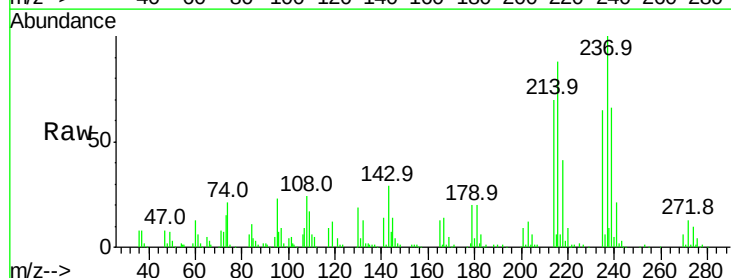
Tgt Ion:237 Resp: 179365

Ion Ratio Lower Upper

237 100

235 65.0 42.6 82.6

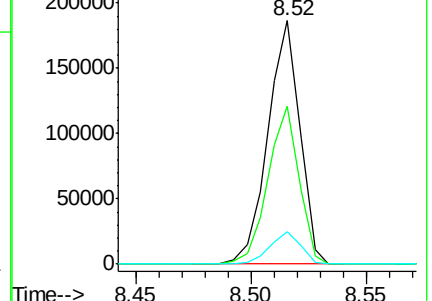
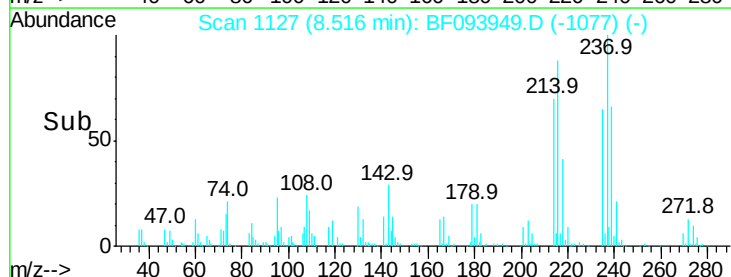
272 13.3 0.0 31.9



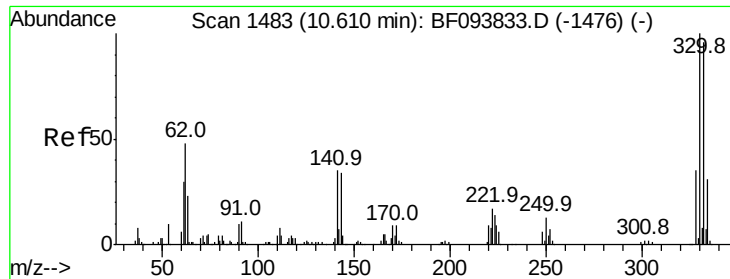
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



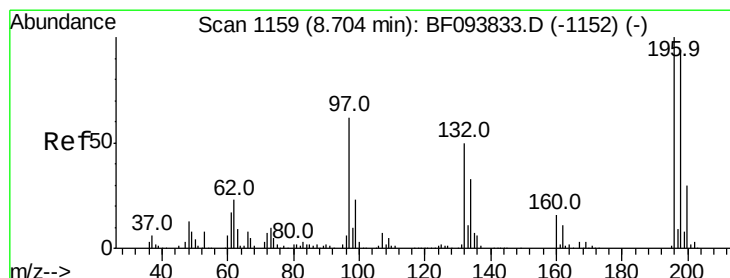
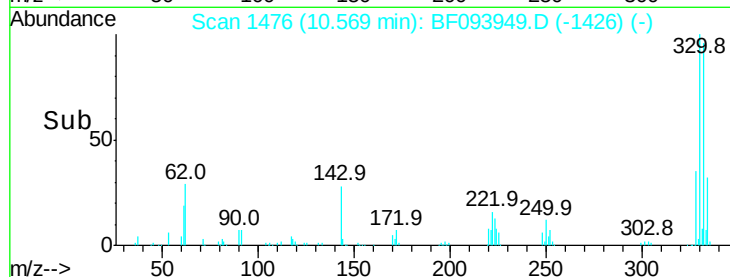
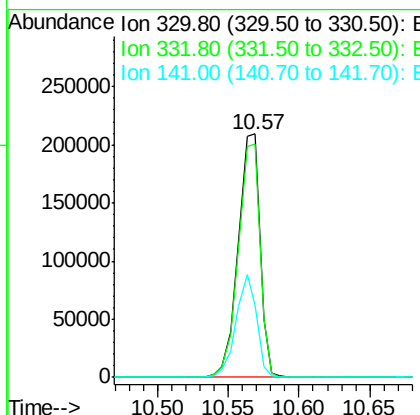
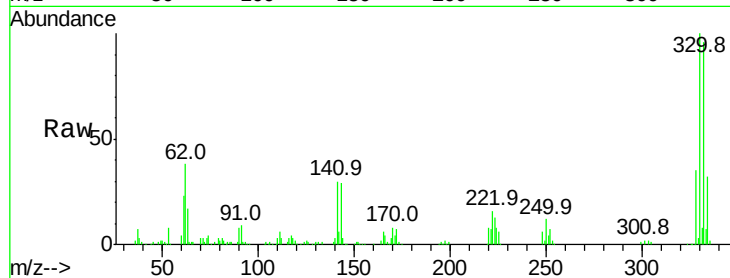




#41  
 2,4,6-Tribromophenol  
 Concen: 85.45 ng  
 RT: 10.57 min Scan# 1476  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

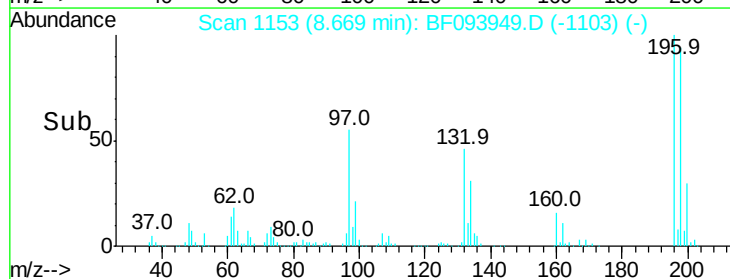
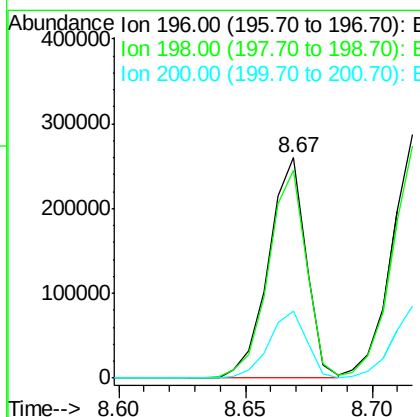
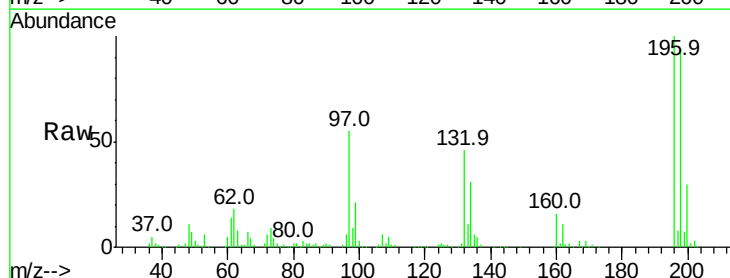
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

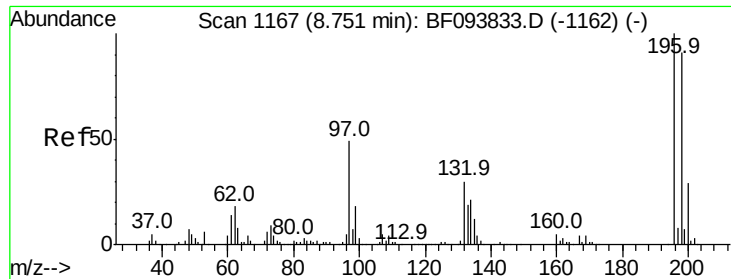
Tot Ion:330 Resp: 226292  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 76.6 115.0  
 141 39.5 31.4 47.2



#42  
 2,4,6-Trichlorophenol  
 Concen: 41.10 ng  
 RT: 8.67 min Scan# 1153  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:196 Resp: 266593  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 74.2 111.4  
 200 30.2 24.0 36.0

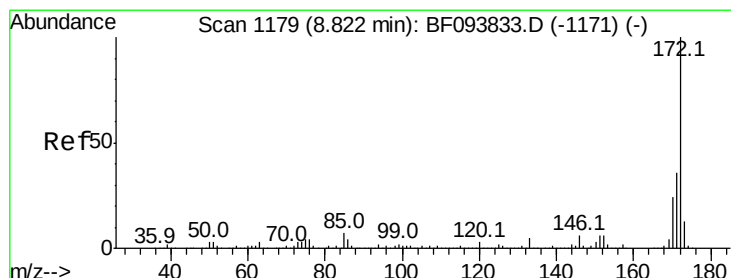
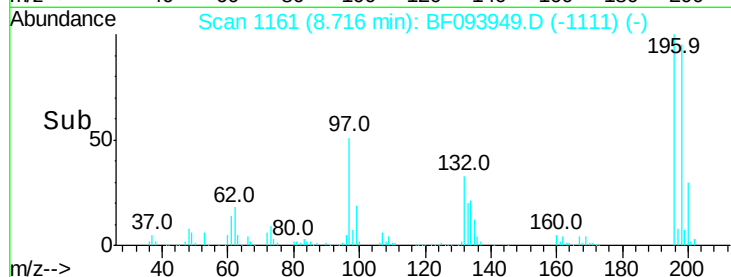
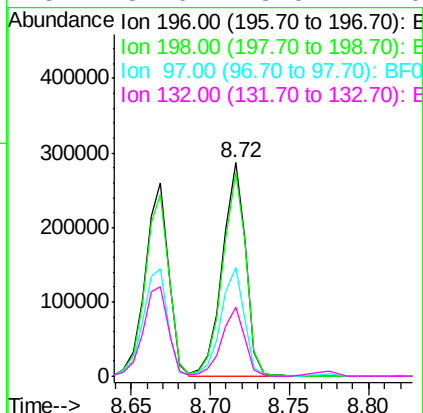
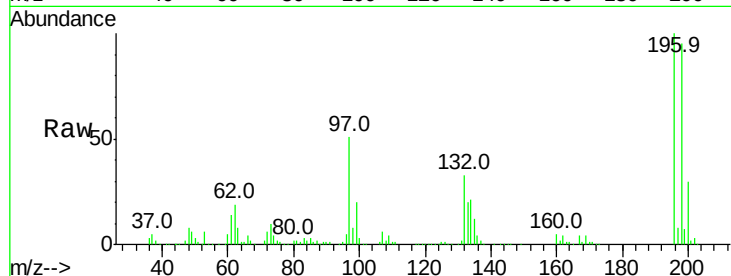




#43  
 2,4,5-Trichlorophenol  
 Concen: 41.66 ng  
 RT: 8.72 min Scan# 1161  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

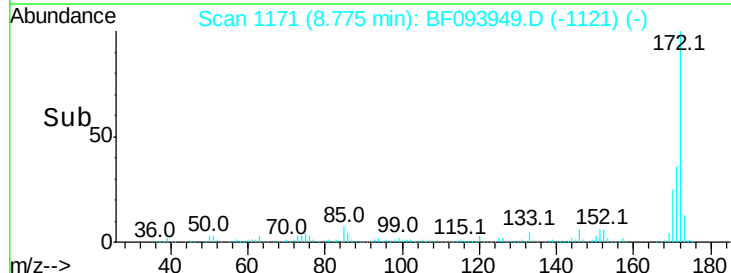
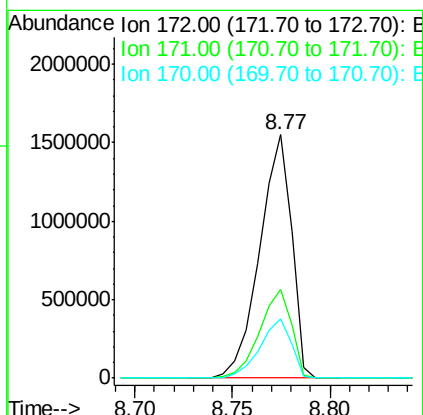
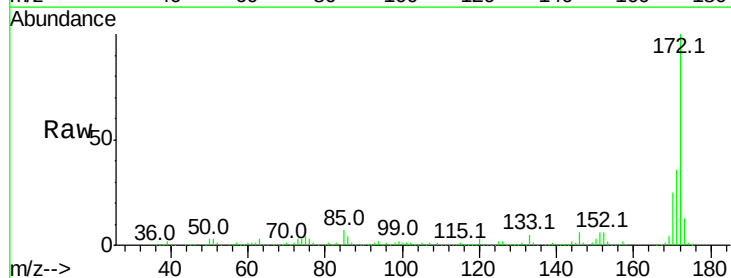
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

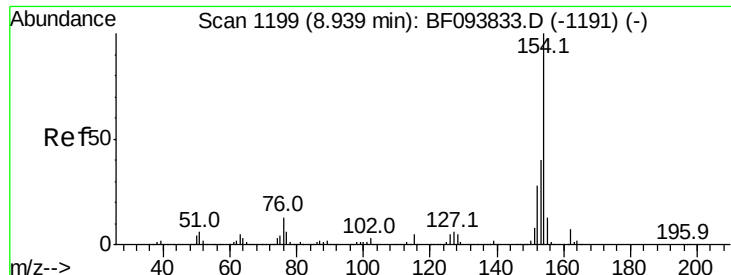
| Tot Ion: | 196   | Resp: | 292370 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.4  | 75.7  | 113.5  |
| 97       | 51.2  | 47.7  | 71.5   |
| 132      | 32.6  | 28.0  | 42.0   |



#44  
 2-Fluorobiphenyl  
 Concen: 79.65 ng  
 RT: 8.77 min Scan# 1171  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

| Tgt Ion: | 172   | Resp: | 1750201 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 36.4  | 29.6  | 44.4    |
| 170      | 24.5  | 19.8  | 29.8    |





#45

1,1'-Biphenyl

Concen: 39.80 ng

RT: 8.89 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

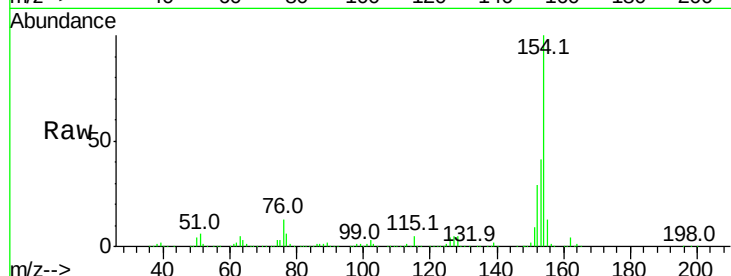
Tot Ion:154 Resp: 1076023

Ion Ratio Lower Upper

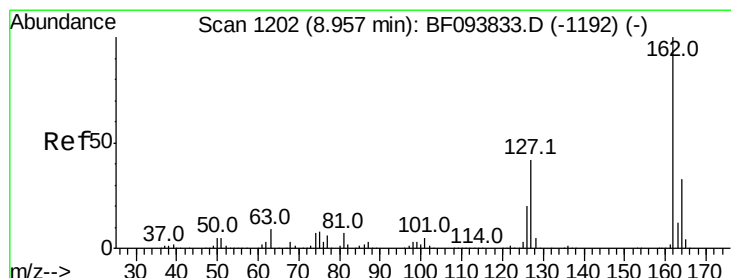
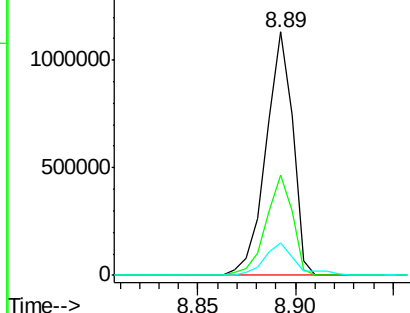
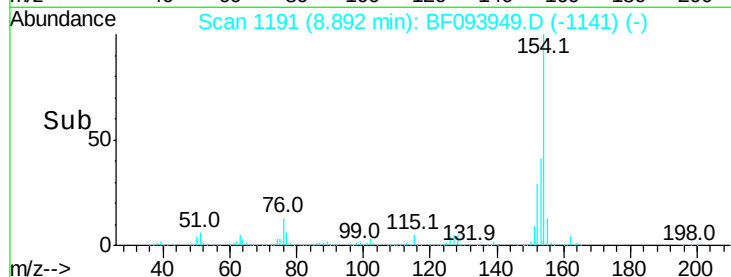
154 100

153 41.3 21.2 61.2

76 13.4 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 39.95 ng

RT: 8.92 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

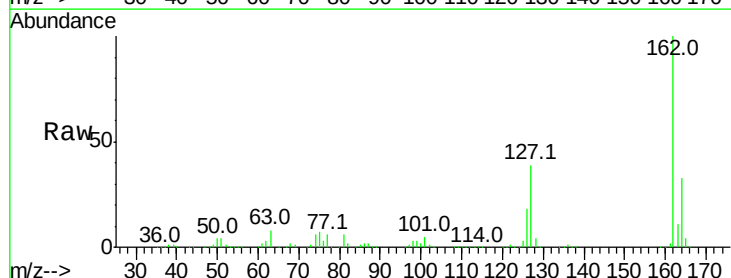
Tgt Ion:162 Resp: 845268

Ion Ratio Lower Upper

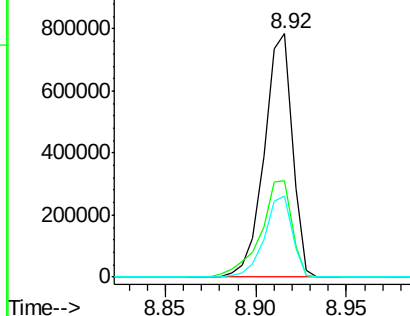
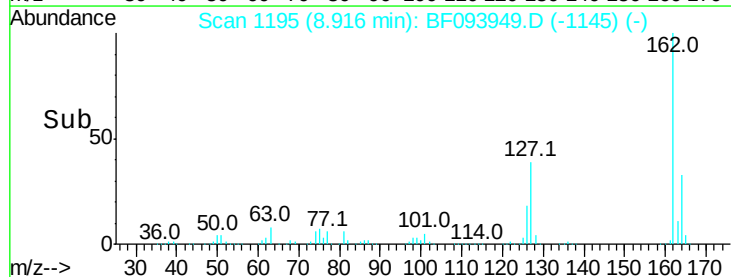
162 100

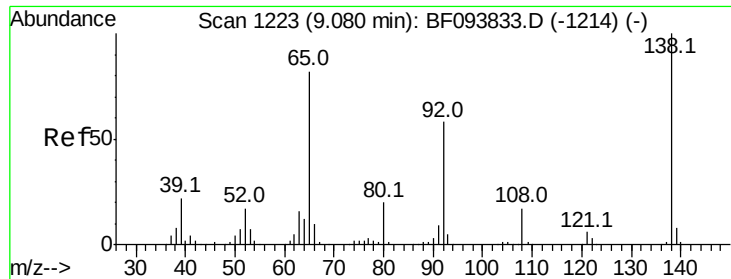
127 39.5 28.3 42.5

164 33.3 27.0 40.4



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

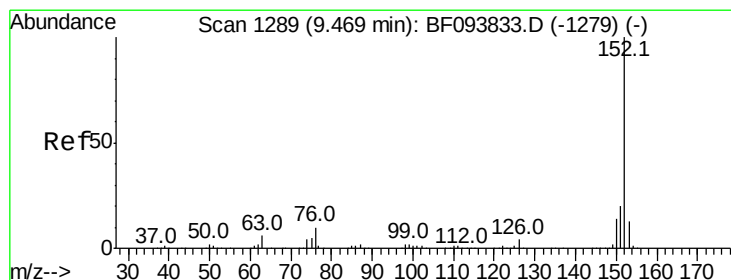
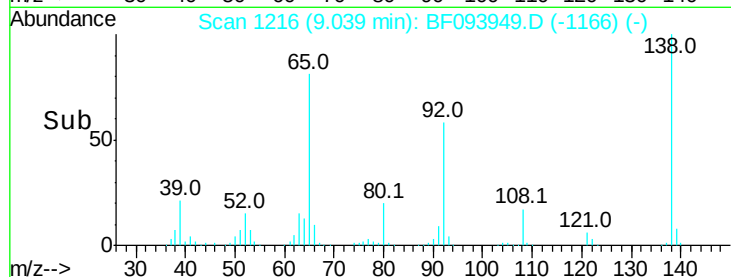
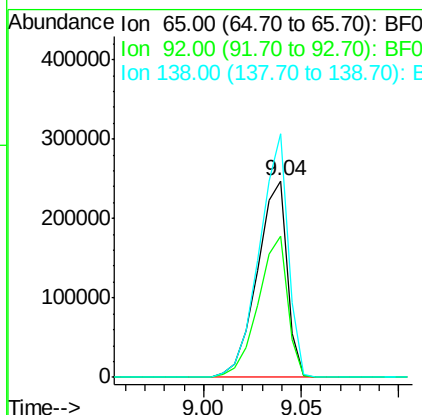
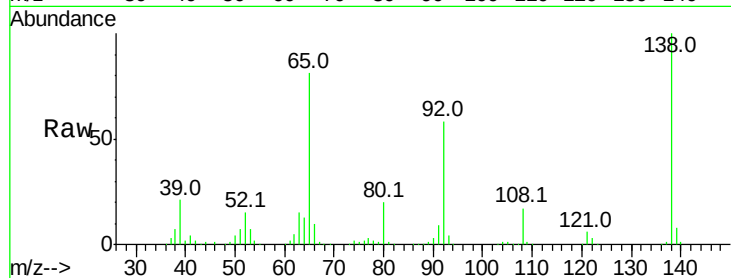




#47  
 2-Nitroaniline  
 Concen: 41.81 ng  
 RT: 9.04 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

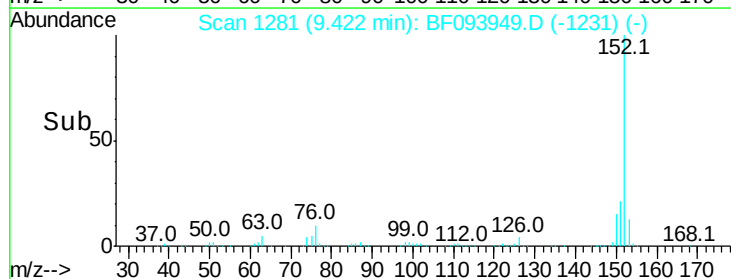
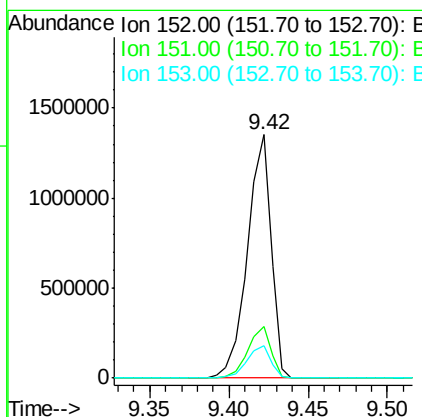
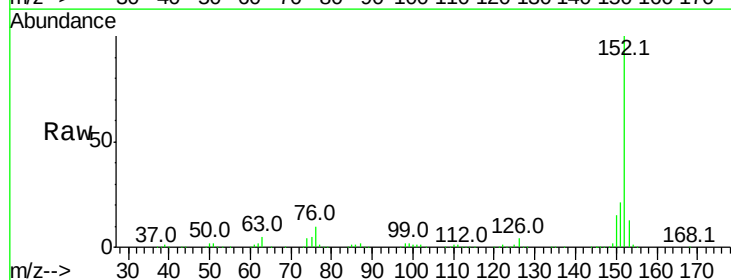
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

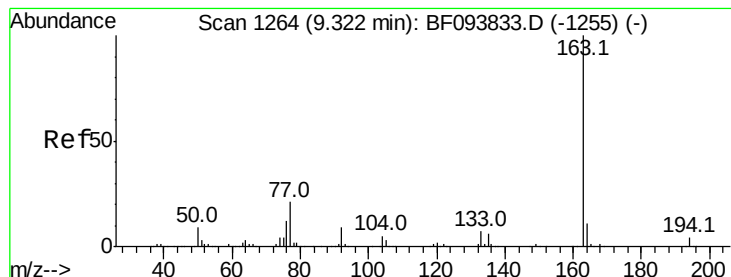
Tot Ion: 65 Resp: 262477  
 Ion Ratio Lower Upper  
 65 100  
 92 72.0 53.9 80.9  
 138 123.9 78.8 118.2#



#48  
 Acenaphthylene  
 Concen: 39.68 ng  
 RT: 9.42 min Scan# 1281  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:152 Resp: 1395443  
 Ion Ratio Lower Upper  
 152 100  
 151 21.0 16.8 25.2  
 153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 40.47 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

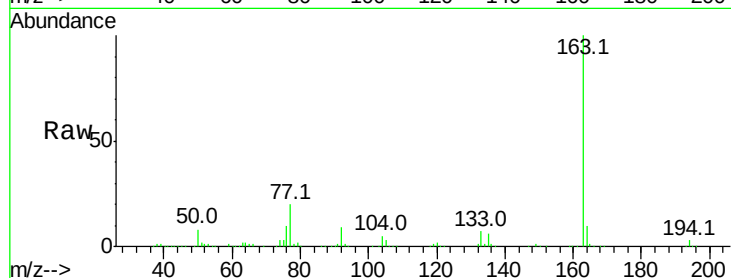
Tot Ion:163 Resp: 964031

Ion Ratio Lower Upper

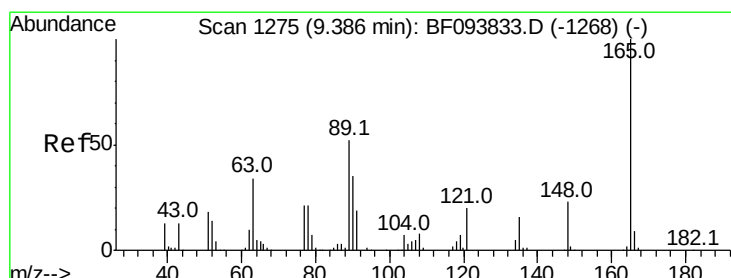
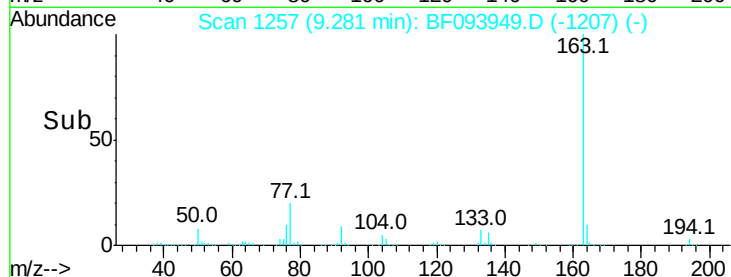
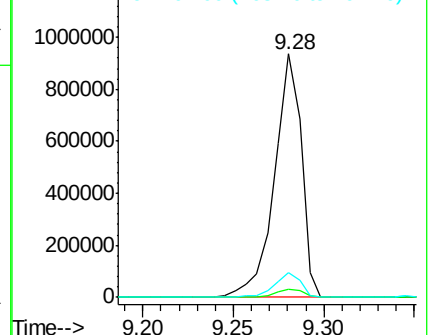
163 100

194 3.5 2.6 4.0

164 10.0 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 42.59 ng

RT: 9.35 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

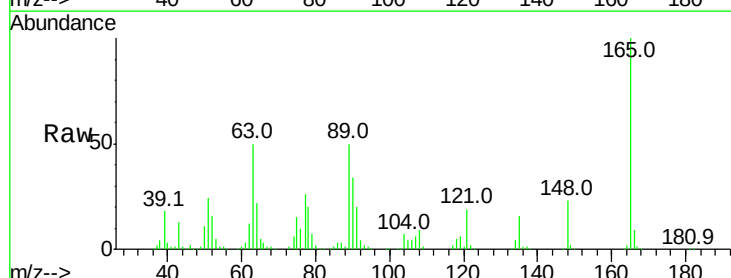
Tgt Ion:165 Resp: 232613

Ion Ratio Lower Upper

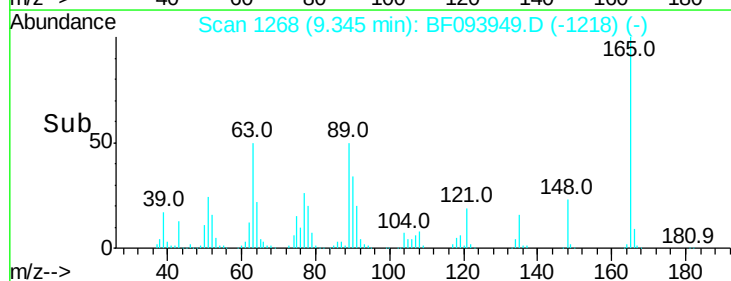
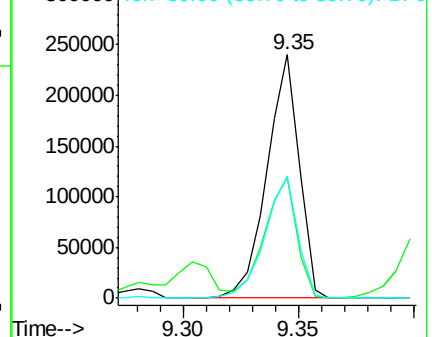
165 100

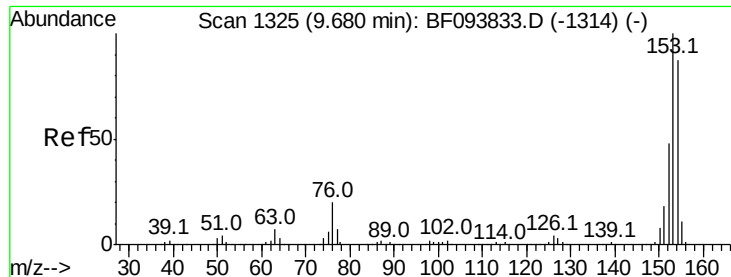
63 49.7 34.3 51.5

89 50.0 37.1 55.7



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





#51

Acenaphthene

Concen: 39.33 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

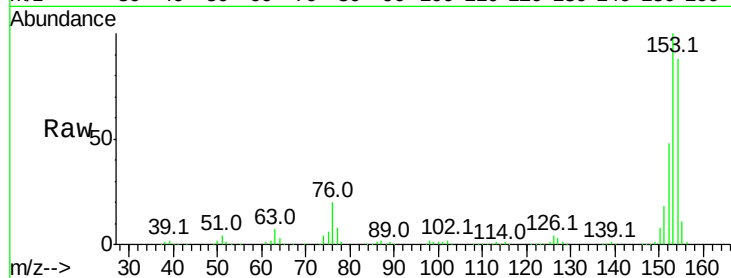
Tot Ion:154 Resp: 807034

Ion Ratio Lower Upper

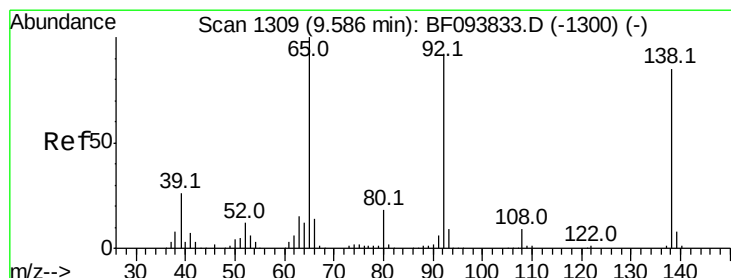
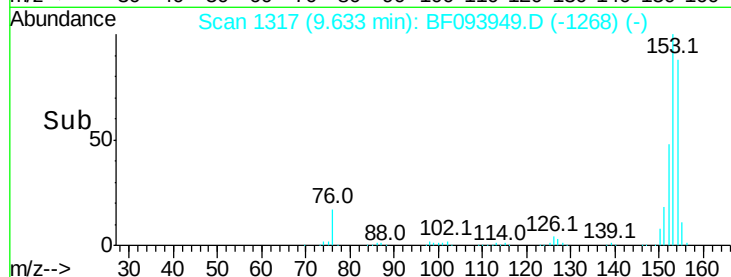
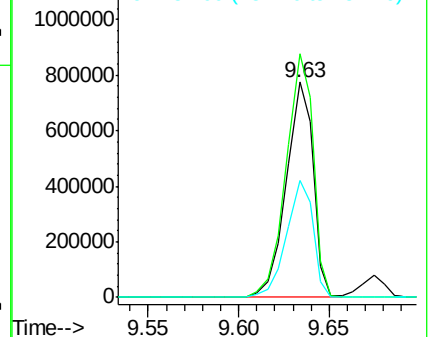
154 100

153 113.2 90.5 135.7

152 54.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.39 ng

RT: 9.55 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

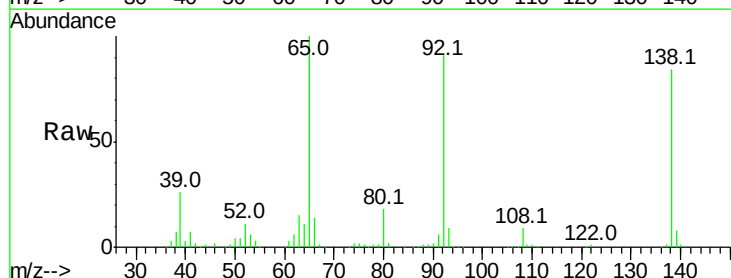
Tgt Ion:138 Resp: 271858

Ion Ratio Lower Upper

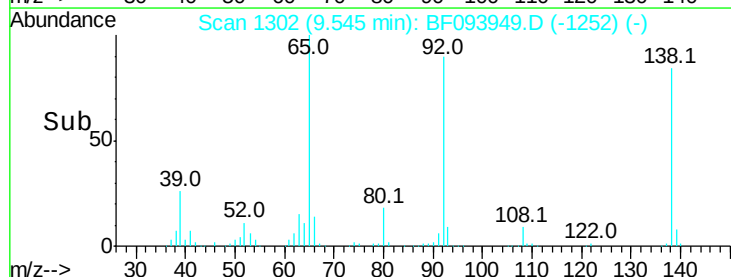
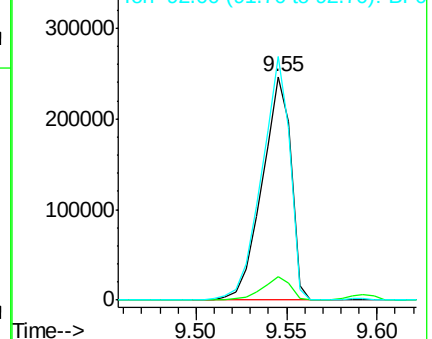
138 100

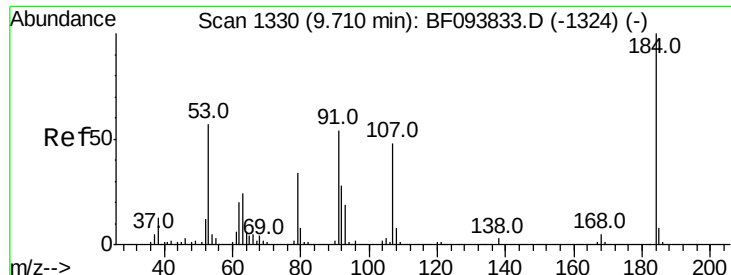
108 10.8 9.1 13.7

92 108.8 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0

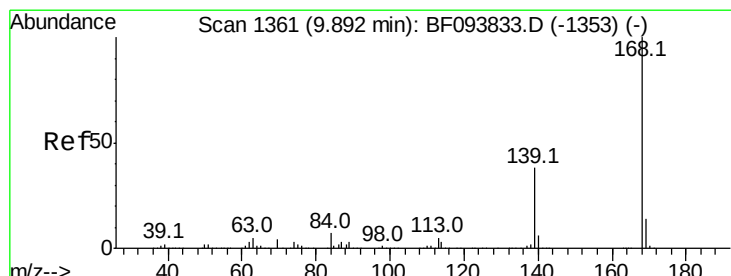
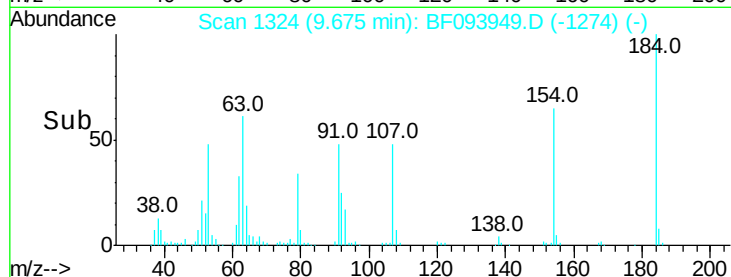
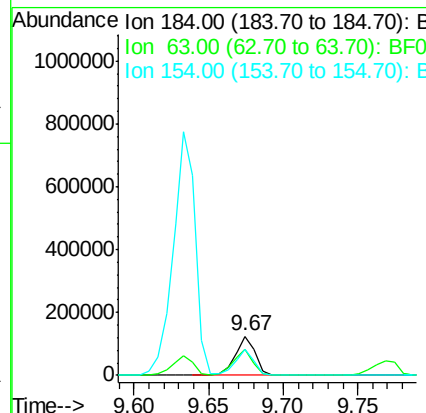
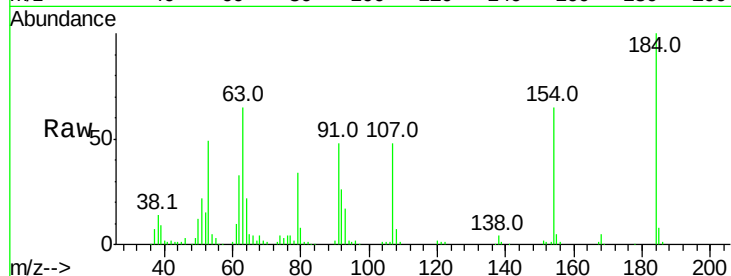




#53  
 2,4-Dinitrophenol  
 Concen: 43.22 ng  
 RT: 9.67 min Scan# 1324  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

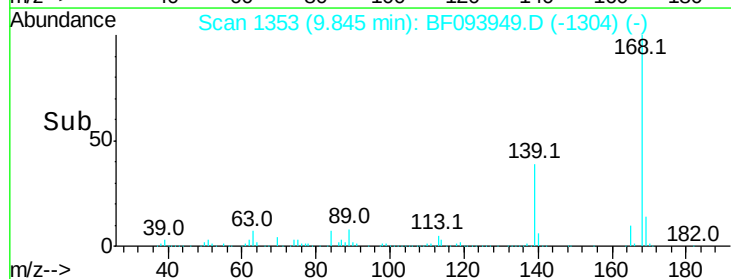
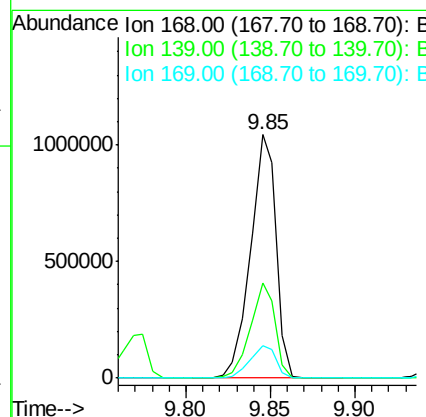
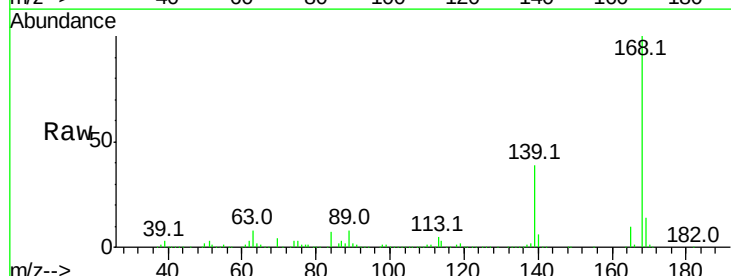
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

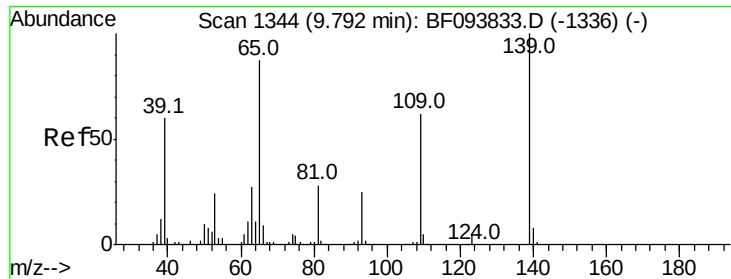
Tot Ion:184 Resp: 119652  
 Ion Ratio Lower Upper  
 184 100  
 63 65.2 62.7 94.1  
 154 64.6 81.1 121.7#



#54  
 Dibenzofuran  
 Concen: 39.47 ng  
 RT: 9.85 min Scan# 1353  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:168 Resp: 1102709  
 Ion Ratio Lower Upper  
 168 100  
 139 39.0 30.6 45.8  
 169 13.6 10.8 16.2

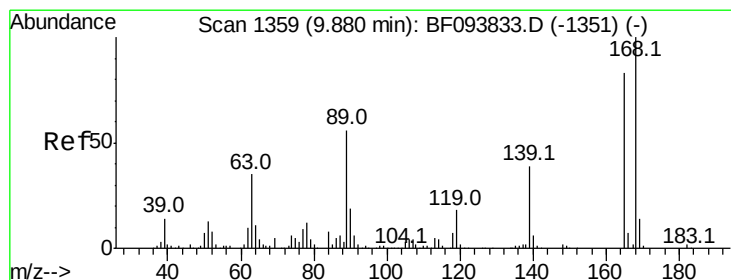
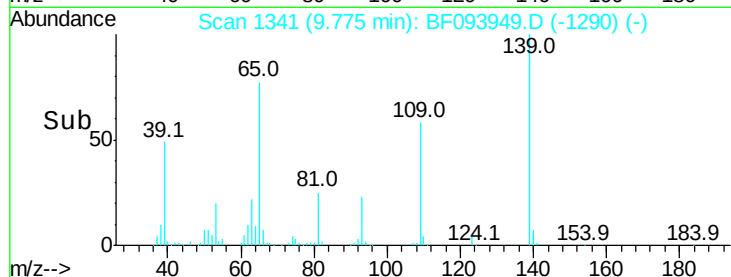
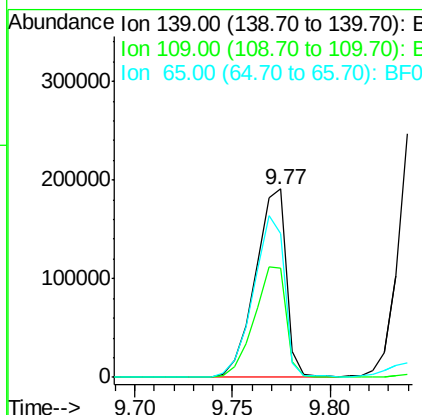
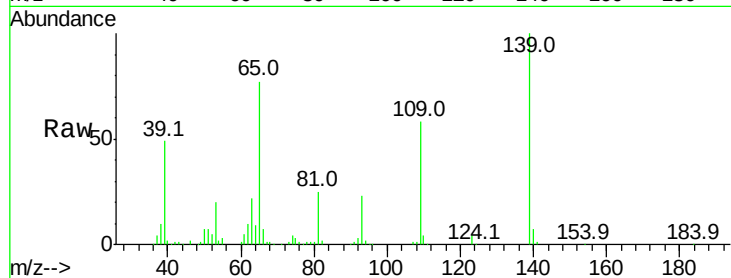




#55  
4-Nitrophenol  
Concen: 41.79 ng  
RT: 9.77 min Scan# 1341  
Delta R.T. 0.00 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

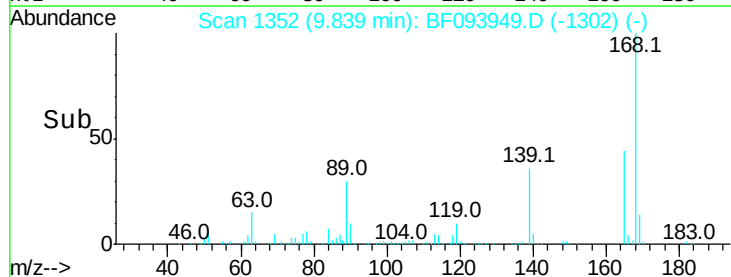
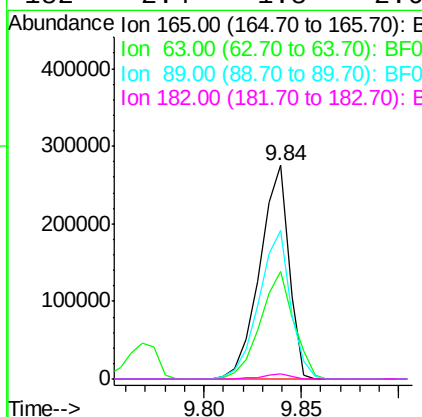
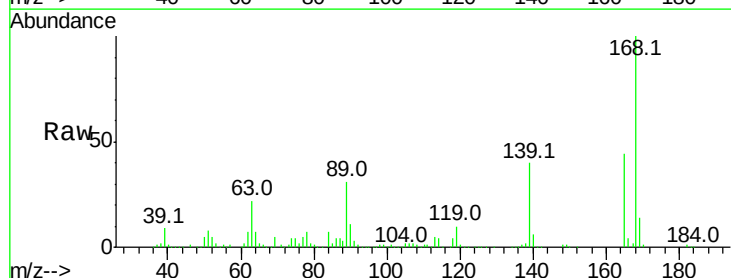
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:139 Resp: 209878  
Ion Ratio Lower Upper  
139 100  
109 58.4 34.1 74.1  
65 76.6 31.4 71.4#

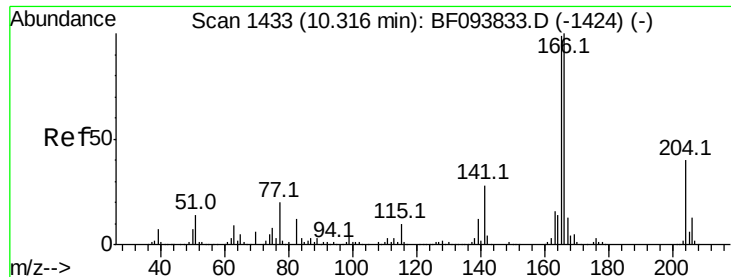


#56  
2,4-Dinitrotoluene  
Concen: 41.61 ng  
RT: 9.84 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Tgt Ion:165 Resp: 285428  
Ion Ratio Lower Upper  
165 100  
63 50.4 25.4 38.0#  
89 69.6 46.4 69.6  
182 2.4 1.8 2.6







#57

Fluorene

Concen: 38.51 ng

RT: 10.27 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

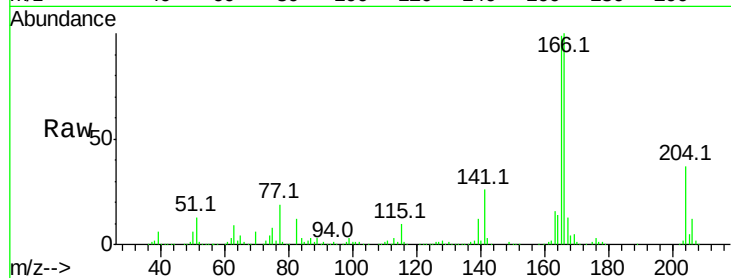
Tot Ion:166 Resp: 892041

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

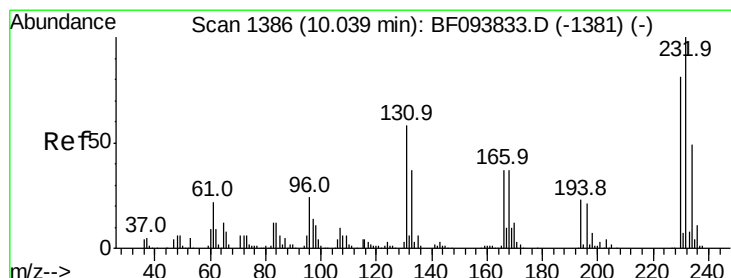
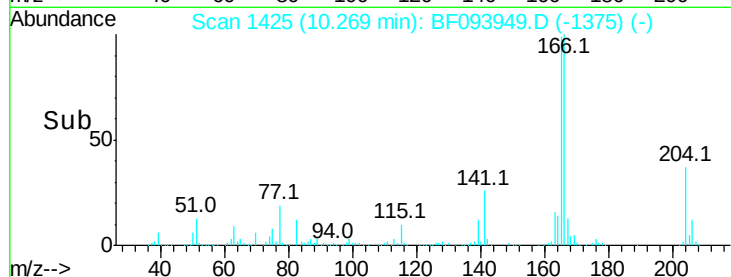
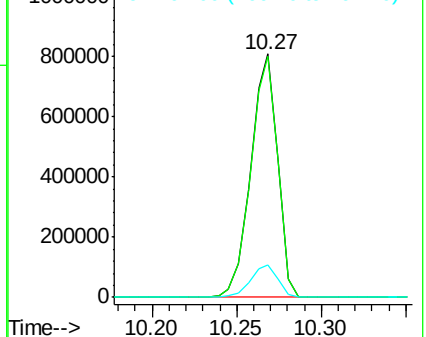
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.29 ng

RT: 10.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Tgt Ion:232 Resp: 198841

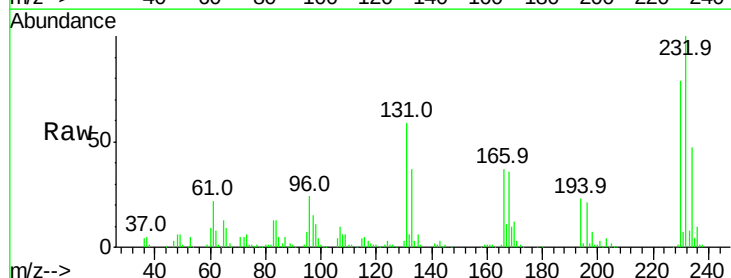
Ion Ratio Lower Upper

232 100

131 54.7 44.8 67.2

130 2.6 2.3 3.5

166 35.8 29.0 43.4

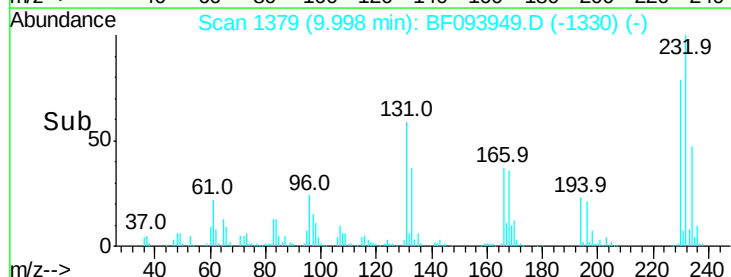
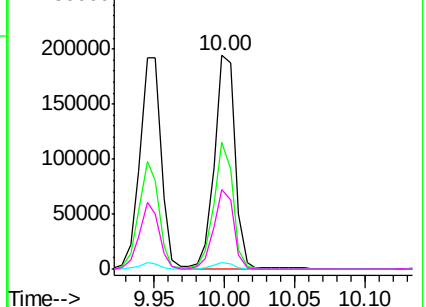


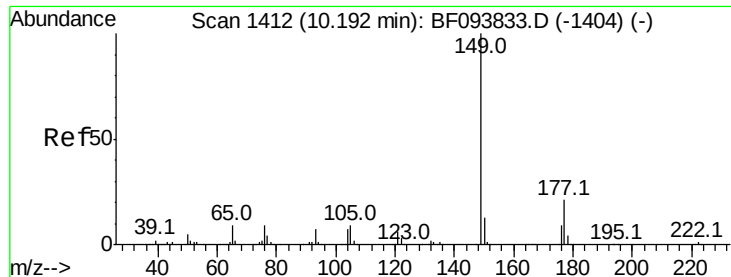
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

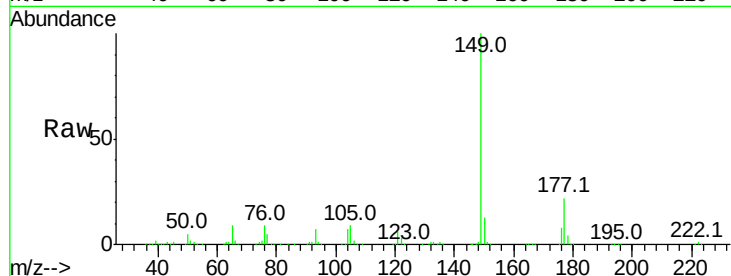




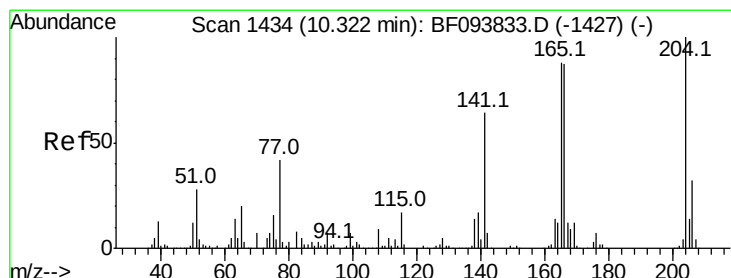
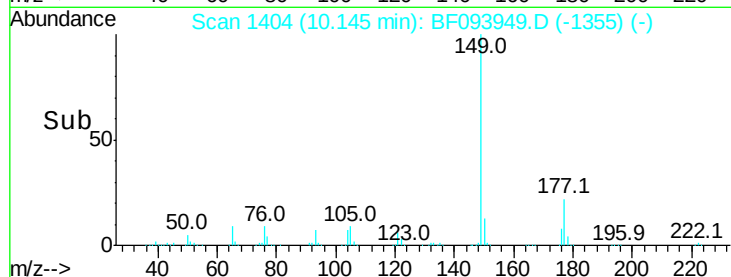
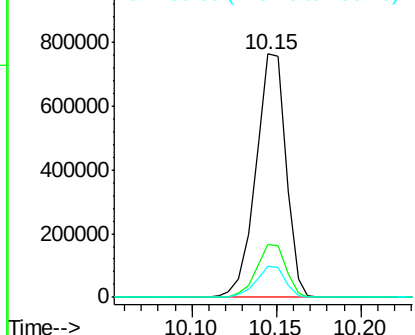
#59  
Diethylphthalate  
Concen: 40.33 ng  
RT: 10.15 min Scan# 1404  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 949585  
Ion Ratio Lower Upper  
149 100  
177 21.5 16.7 25.1  
150 12.8 10.2 15.2

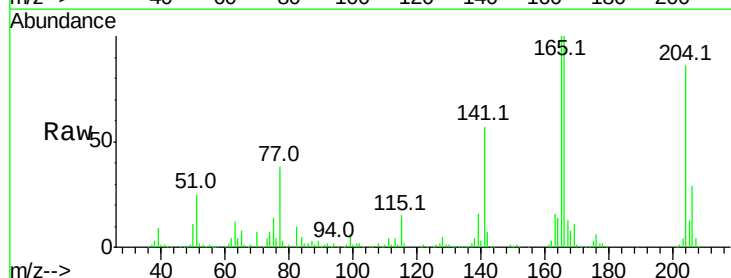


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

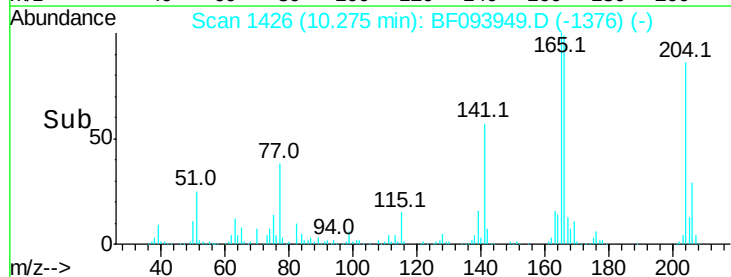
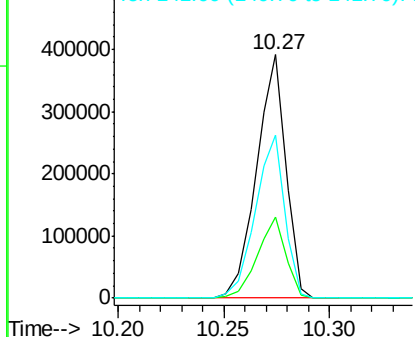


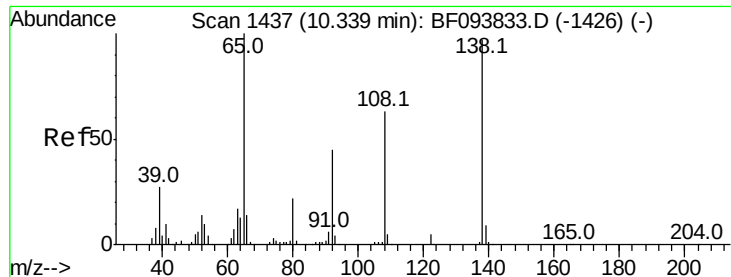
#60  
4-Chlorophenyl-phenylether  
Concen: 38.21 ng  
RT: 10.27 min Scan# 1426  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Tgt Ion:204 Resp: 377103  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.2 39.2  
141 67.0 60.8 91.2



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





#61

4-Nitroaniline

Concen: 43.97 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

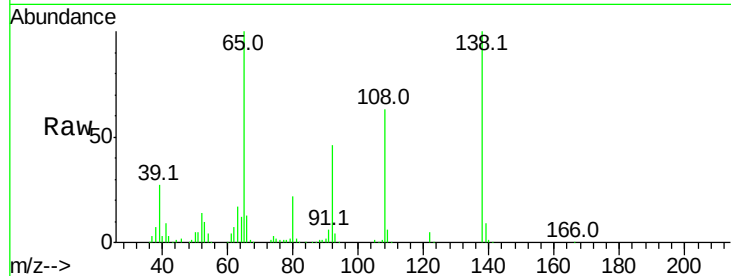
Tot Ion:138 Resp: 270601

Ion Ratio Lower Upper

138 100

92 46.3 21.8 61.8

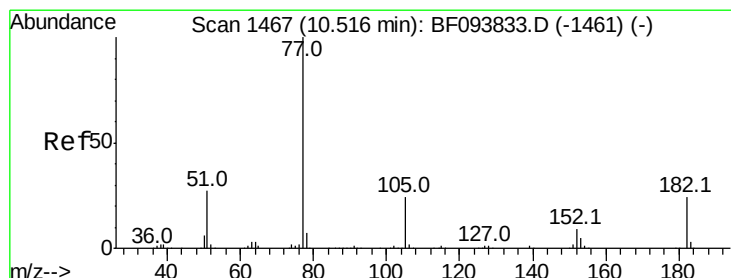
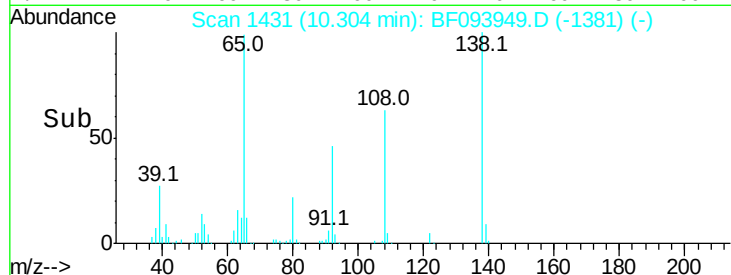
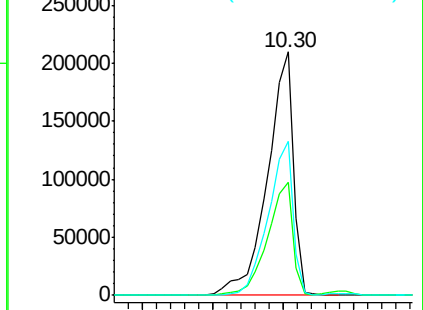
108 63.3 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.24 ng

RT: 10.47 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Tgt Ion: 77 Resp: 873971

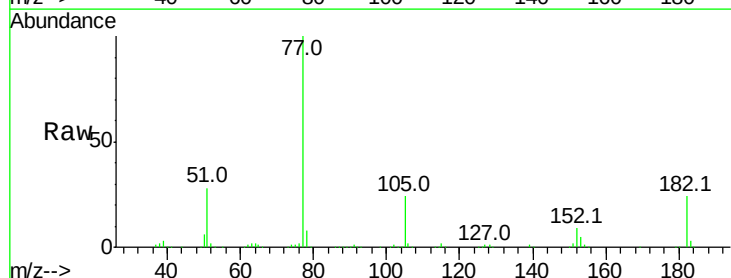
Ion Ratio Lower Upper

77 100

182 24.0 0.1 40.1

105 23.8 3.6 43.6

51 28.1 9.4 49.4

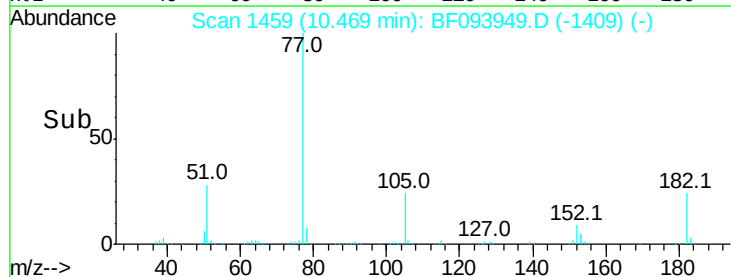
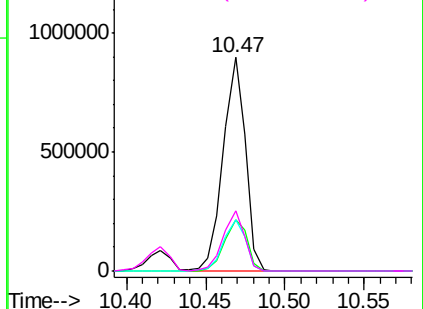


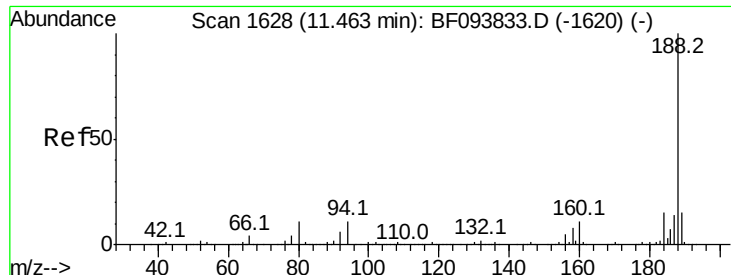
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

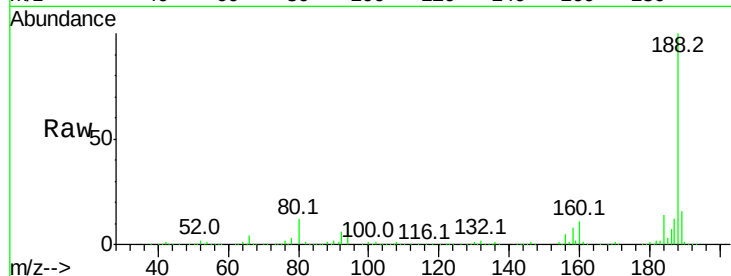
Tot Ion:188 Resp: 597049

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

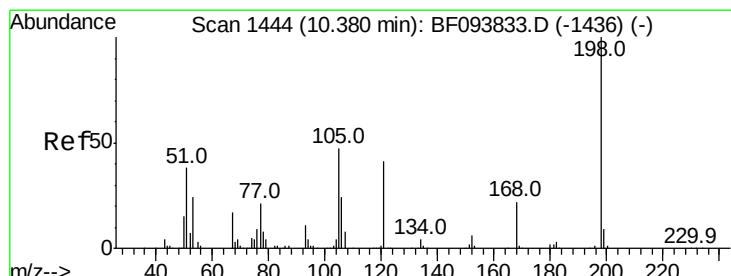
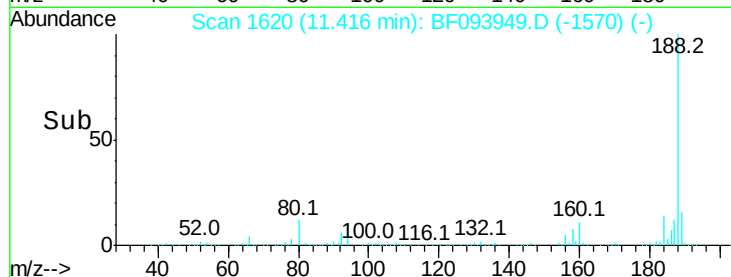
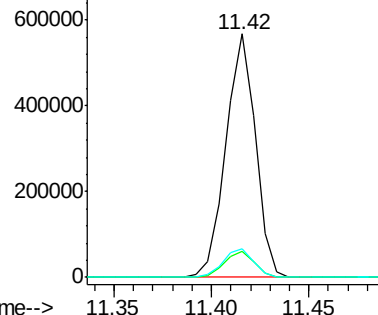
80 11.8 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.67 ng

RT: 10.35 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

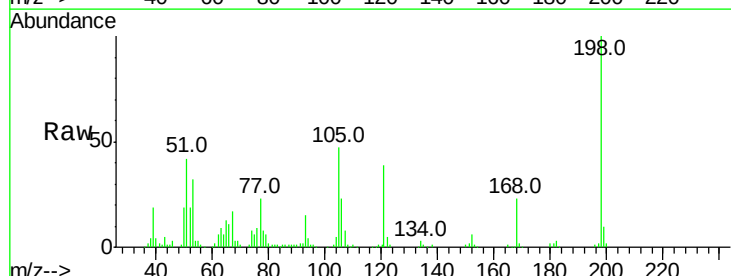
Tgt Ion:198 Resp: 159661

Ion Ratio Lower Upper

198 100

51 42.1 53.2 93.2#

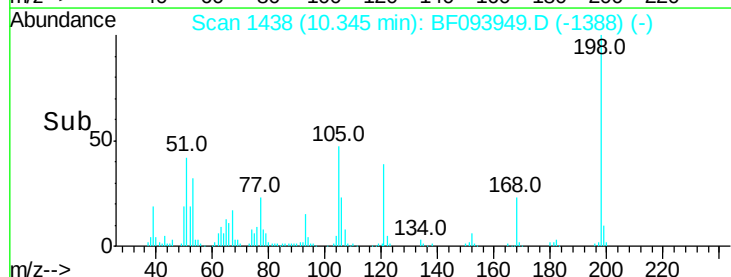
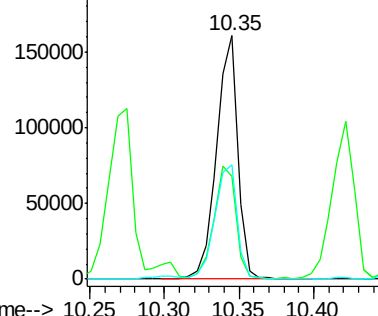
105 47.0 45.8 85.8

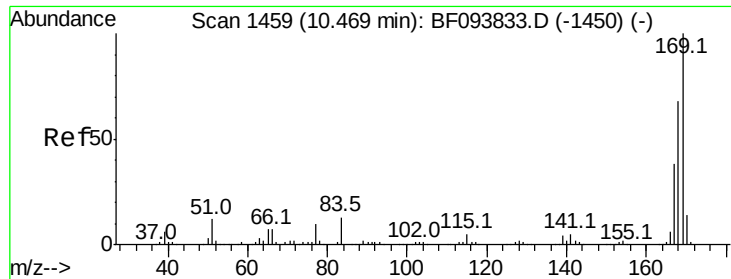


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

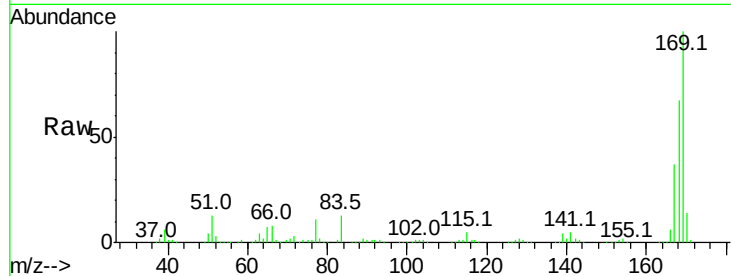




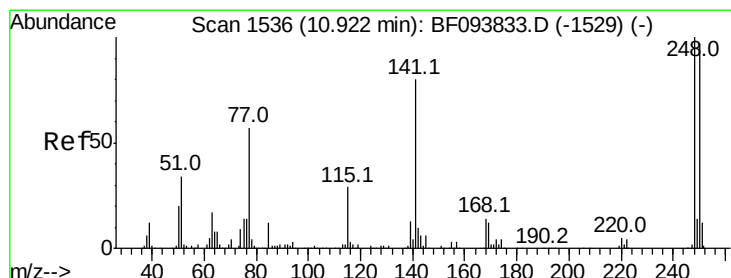
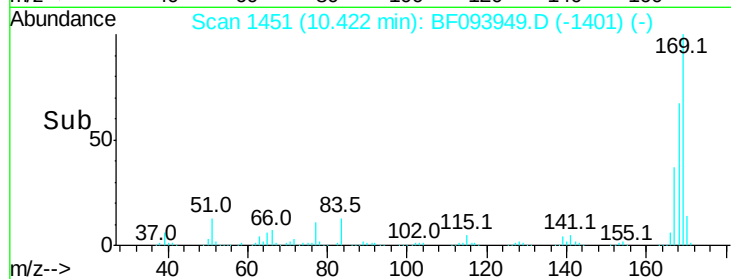
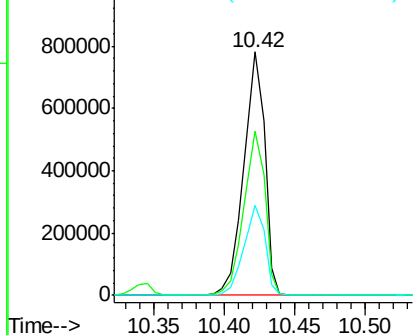
#65  
 n-Nitrosodiphenylamine  
 Concen: 39.37 ng  
 RT: 10.42 min Scan# 1451  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:169 Resp: 812842  
 Ion Ratio Lower Upper  
 169 100  
 168 67.2 53.2 79.8  
 167 36.8 29.5 44.3

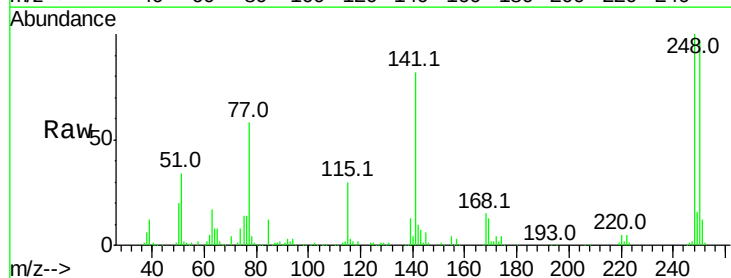


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

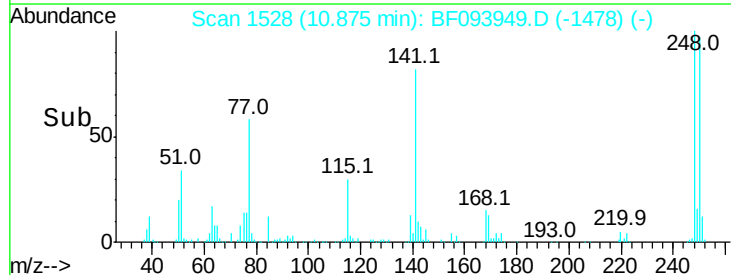
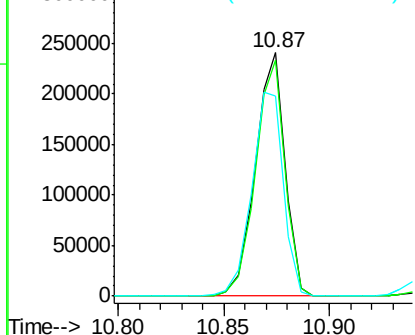


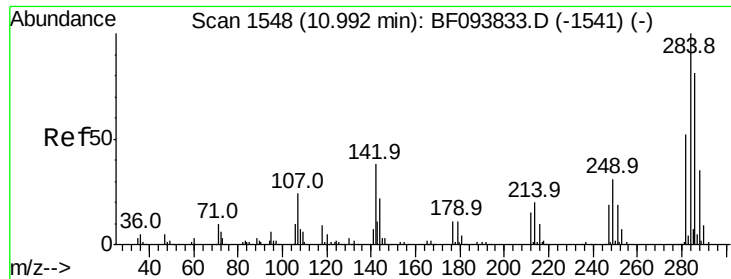
#66  
 4-Bromophenyl-phenylether  
 Concen: 40.09 ng  
 RT: 10.87 min Scan# 1528  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:248 Resp: 235398  
 Ion Ratio Lower Upper  
 248 100  
 250 96.8 76.8 115.2  
 141 82.0 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 40.31 ng

RT: 10.95 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

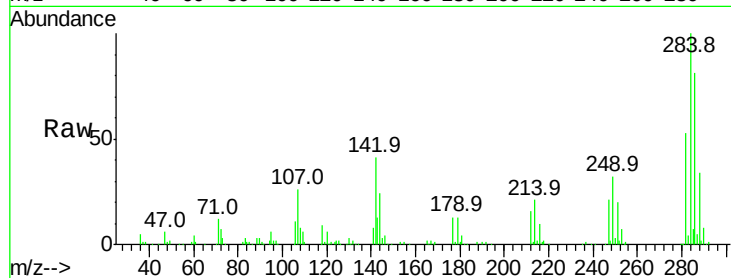
Tot Ion:284 Resp: 239609

Ion Ratio Lower Upper

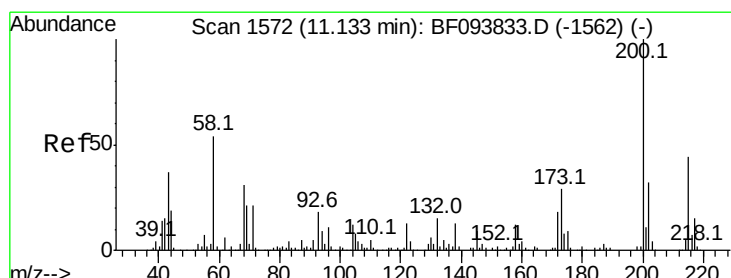
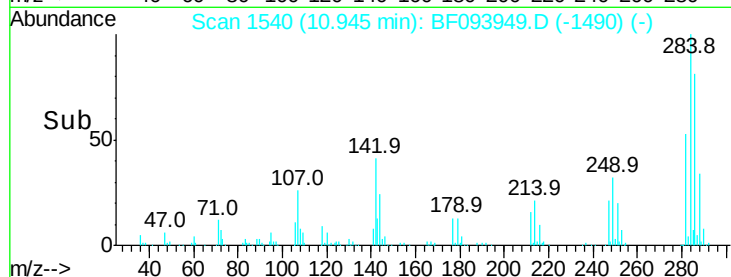
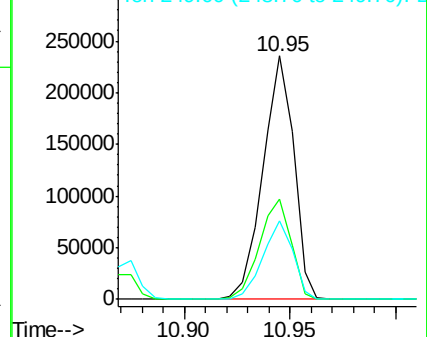
284 100

142 41.4 22.8 34.2#

249 32.2 24.0 36.0



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



#68

Atrazine

Concen: 41.35 ng

RT: 11.09 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

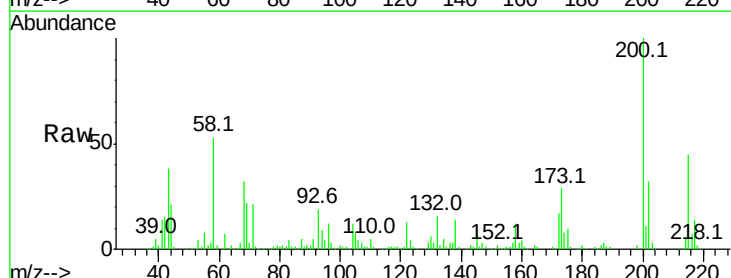
Tgt Ion:200 Resp: 255715

Ion Ratio Lower Upper

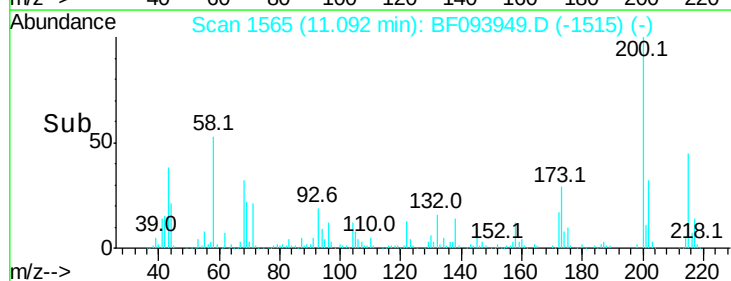
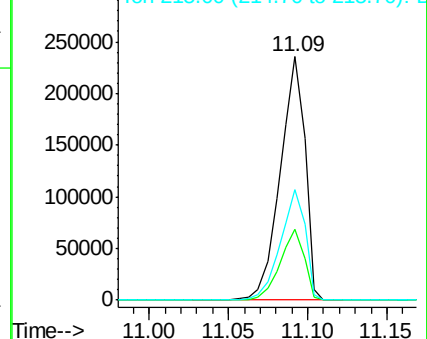
200 100

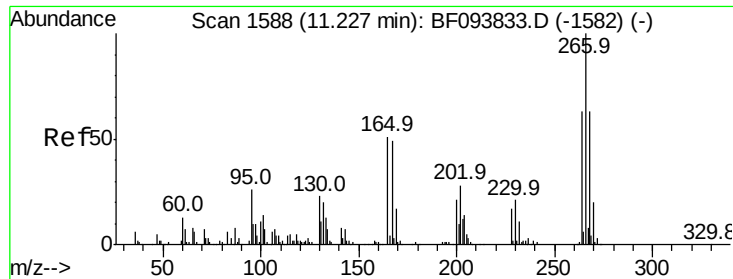
173 29.1 6.3 46.3

215 45.1 27.2 67.2



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

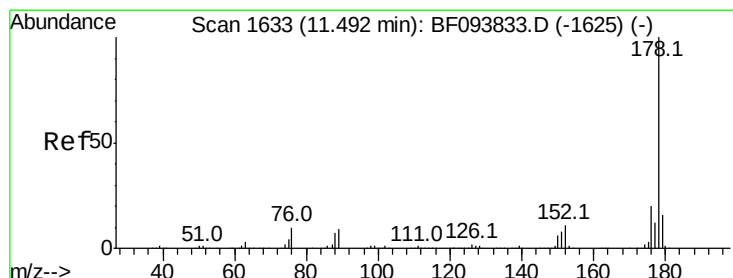
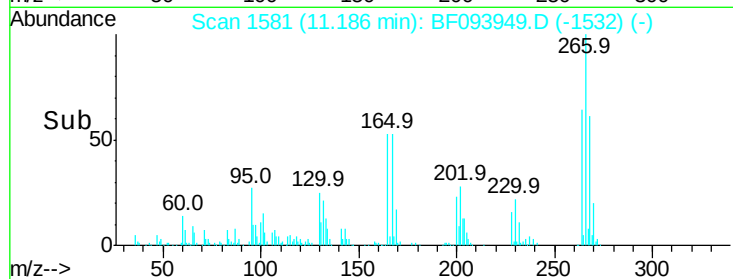
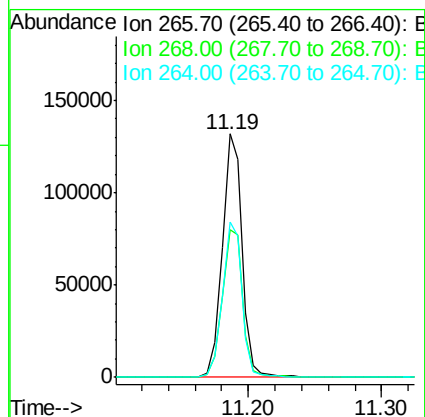
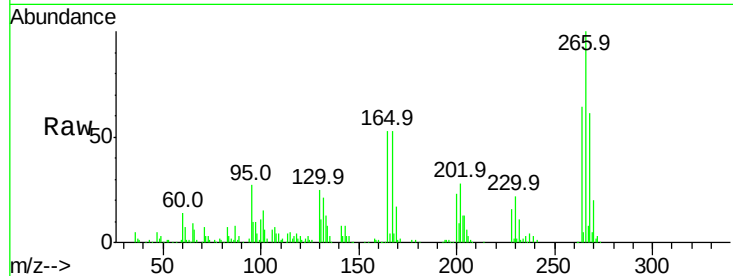




#69  
 Pentachlorophenol  
 Concen: 37.38 ng  
 RT: 11.19 min Scan# 1581  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

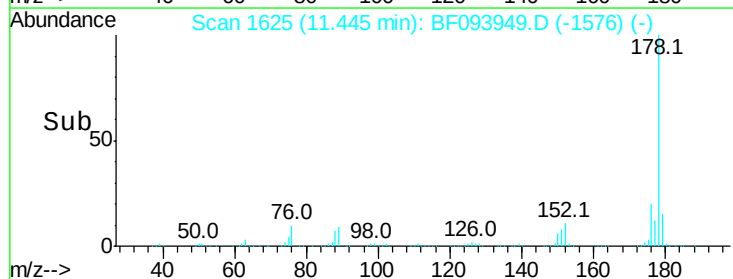
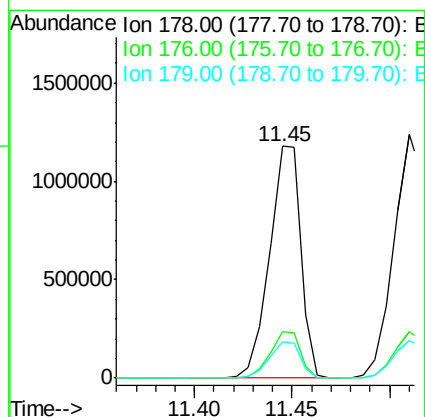
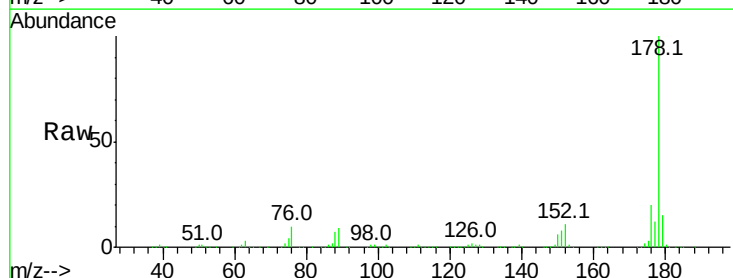
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

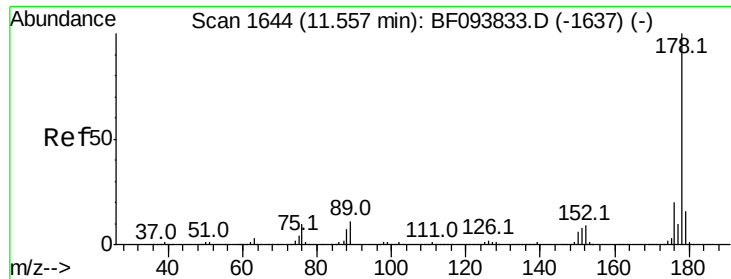
Tot Ion:266 Resp: 138294  
 Ion Ratio Lower Upper  
 266 100  
 268 60.7 51.1 76.7  
 264 63.7 51.7 77.5



#70  
 Phenanthrene  
 Concen: 39.37 ng  
 RT: 11.45 min Scan# 1625  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:178 Resp: 1307446  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 16.2 24.4  
 179 15.4 12.6 19.0

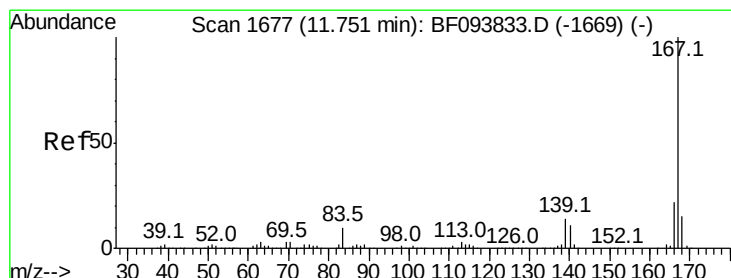
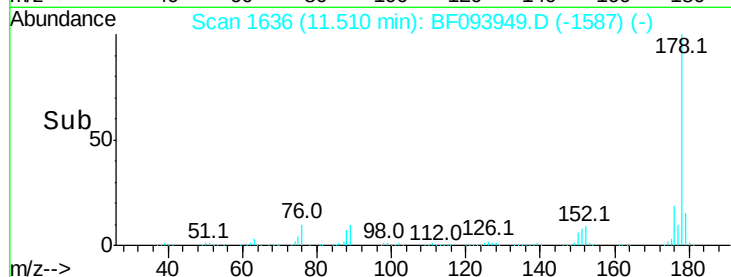
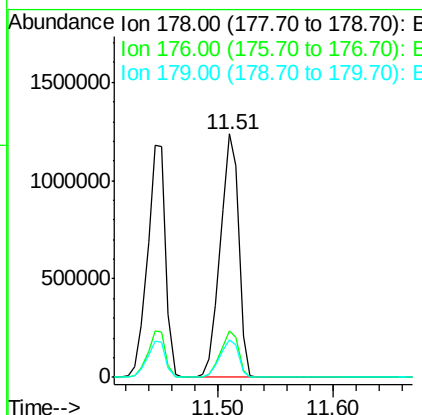
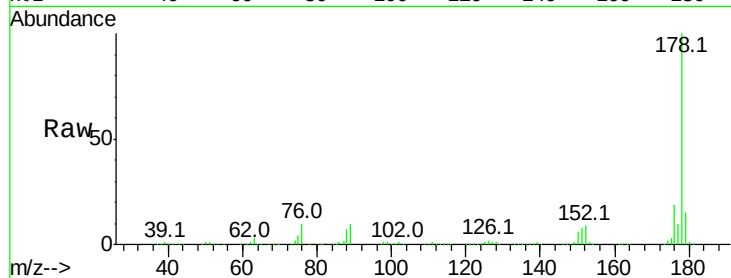




#71  
 Anthracene  
 Concen: 40.05 ng  
 RT: 11.51 min Scan# 1636  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

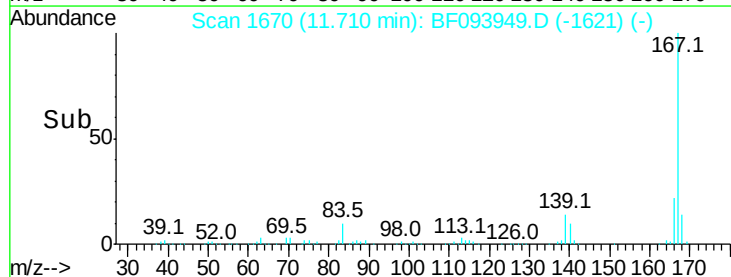
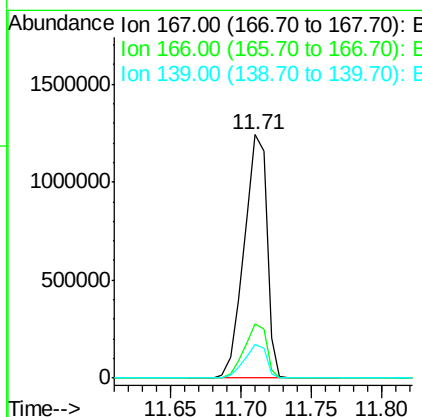
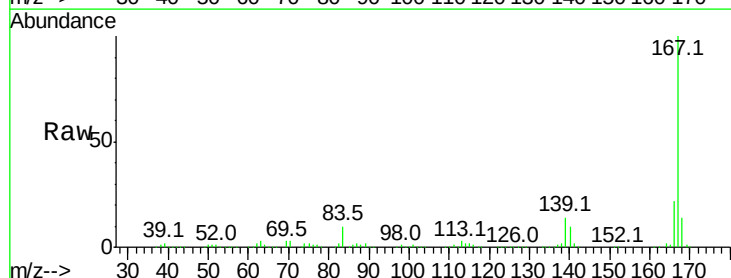
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 1369659  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.8 23.8  
 179 15.3 12.7 19.1

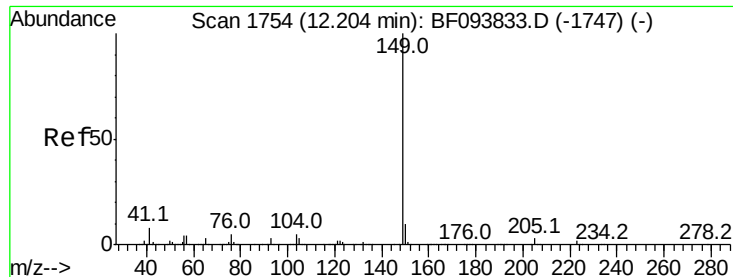


#72  
 Carbazole  
 Concen: 40.12 ng  
 RT: 11.71 min Scan# 1670  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:167 Resp: 1406731  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 18.1 27.1  
 139 13.9 11.7 17.5







#73

Di-n-butylphthalate

Concen: 40.74 ng

RT: 12.16 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

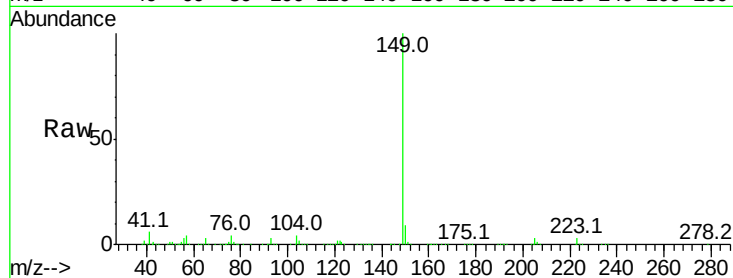
Tot Ion:149 Resp: 1485528

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

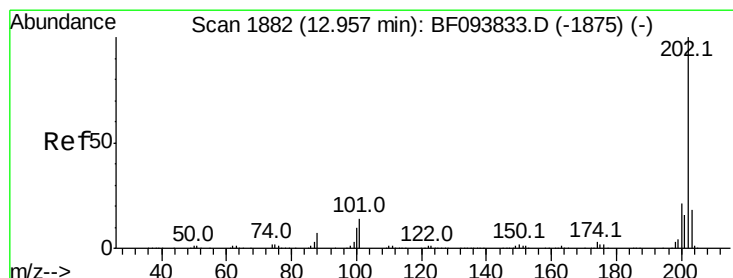
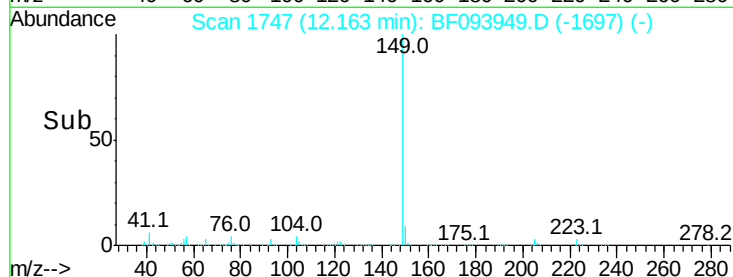
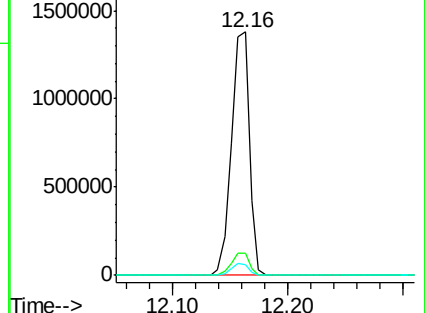
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.59 ng

RT: 12.91 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

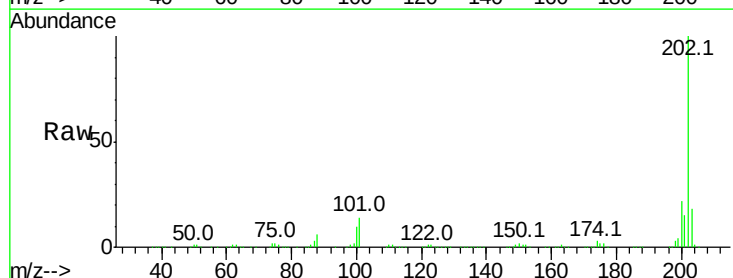
Tgt Ion:202 Resp: 1380321

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

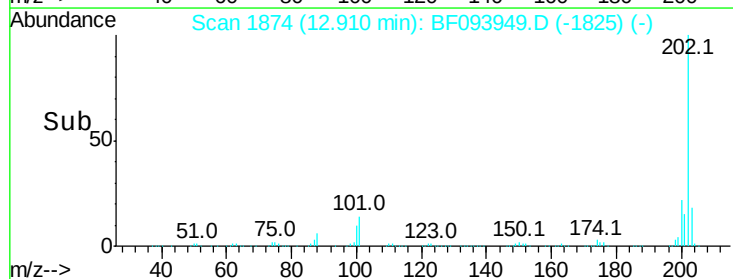
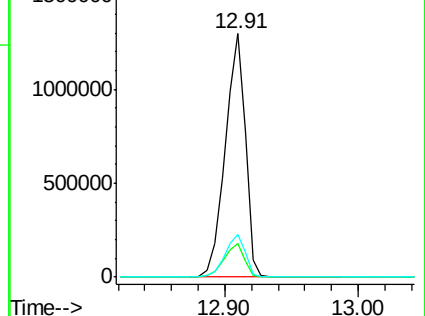
203 17.6 0.0 38.1

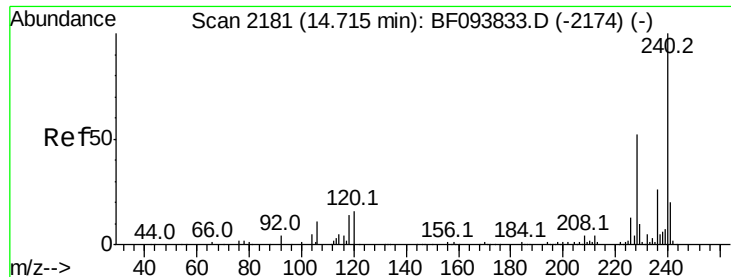


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

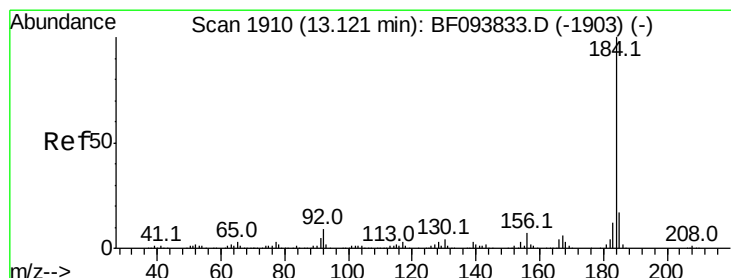
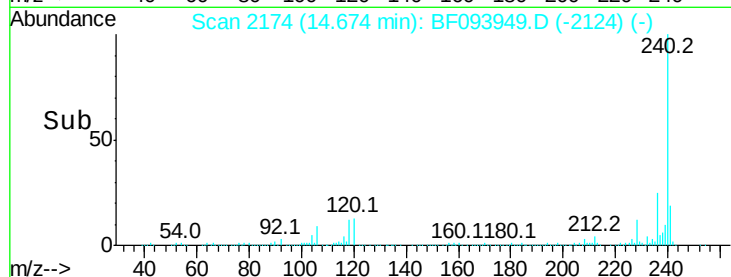
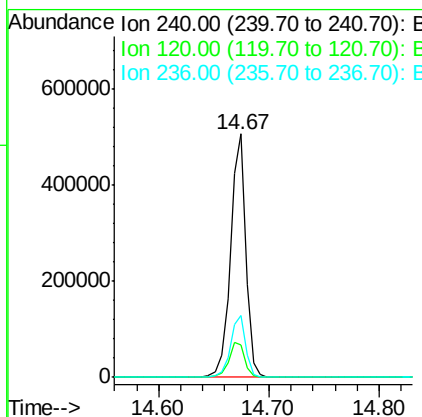
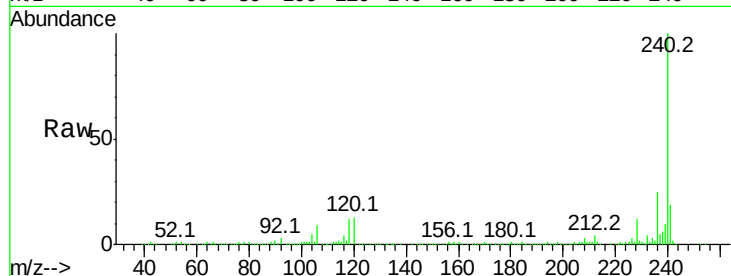




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.67 min Scan# 2174  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

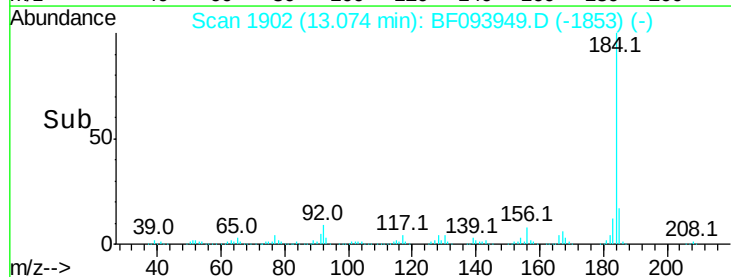
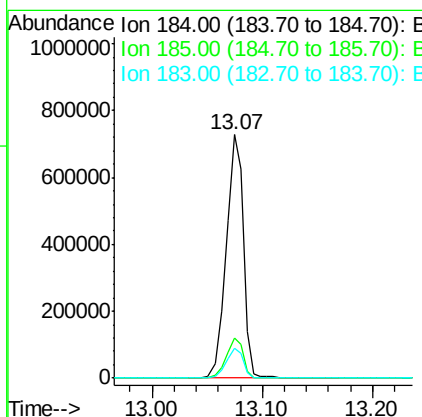
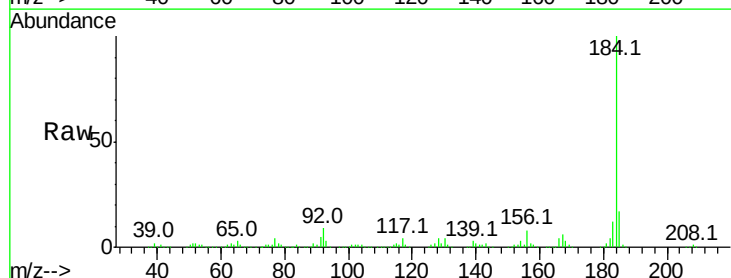
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

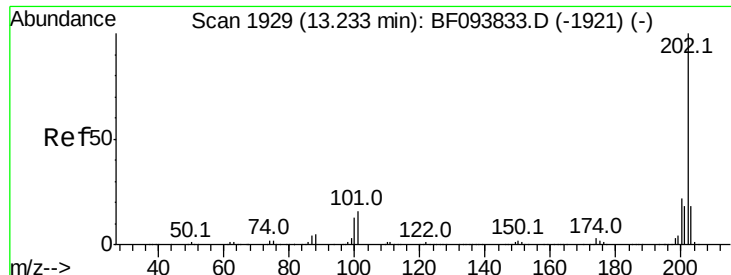
Tot Ion:240 Resp: 491298  
Ion Ratio Lower Upper  
240 100  
120 13.1 5.8 8.8#  
236 25.3 20.5 30.7



#76  
Benzidine  
Concen: 40.94 ng  
RT: 13.07 min Scan# 1902  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Tgt Ion:184 Resp: 796121  
Ion Ratio Lower Upper  
184 100  
185 16.7 15.5 23.3  
183 12.3 9.8 14.6



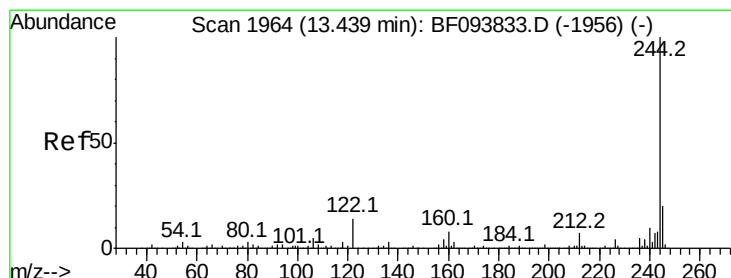
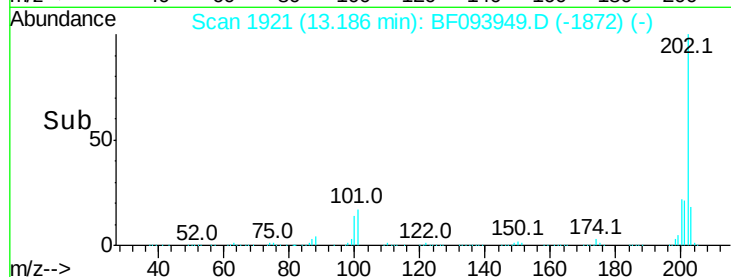
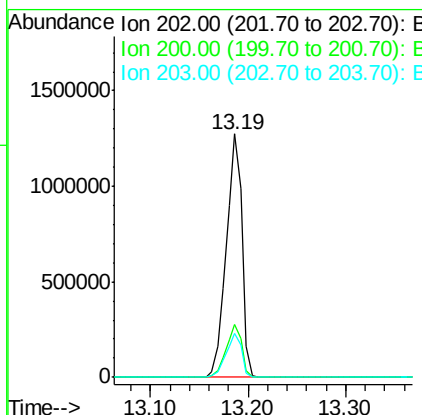
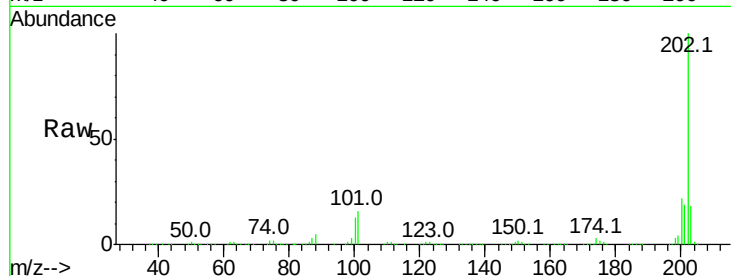


#77  
 Pvrene  
 Concen: 39.68 ng  
 RT: 13.19 min Scan# 1921  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:202 Resp: 1414775  

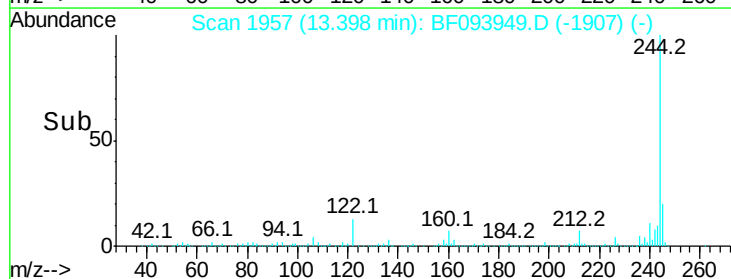
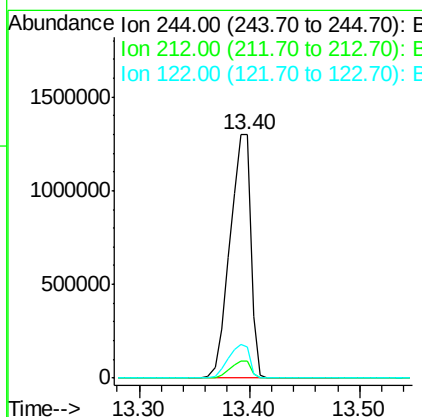
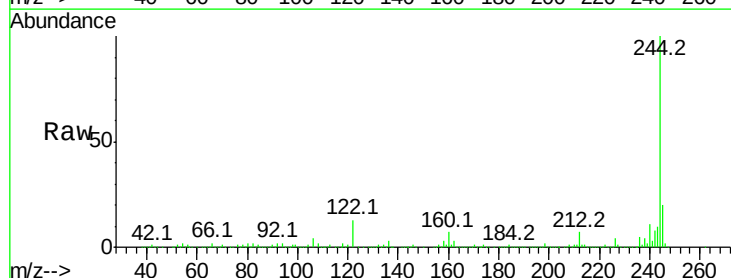
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.7  | 17.6  | 26.4  |
| 203 | 17.9  | 14.4  | 21.6  |

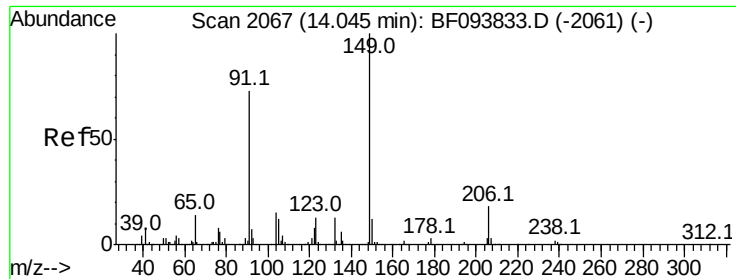


#78  
 Terphenyl-d14  
 Concen: 79.03 ng  
 RT: 13.40 min Scan# 1957  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:244 Resp: 1732225  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 6.0   | 9.0   |
| 122 | 12.7  | 10.3  | 15.5  |





#79

Butylbenzylphthalate

Concen: 42.11 ng

RT: 14.00 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

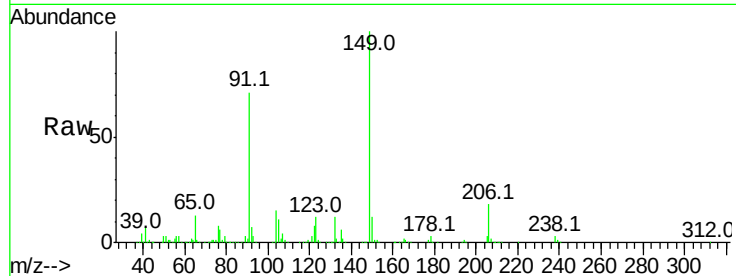
Tot Ion:149 Resp: 639736

Ion Ratio Lower Upper

149 100

91 70.7 45.0 67.4#

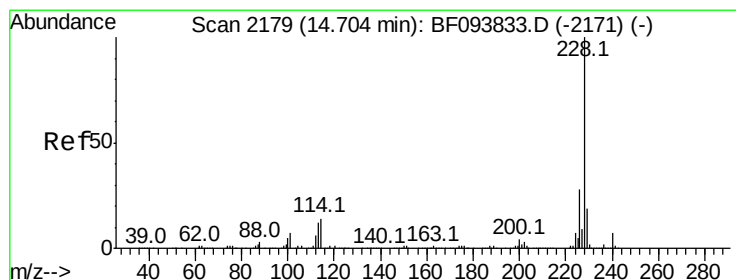
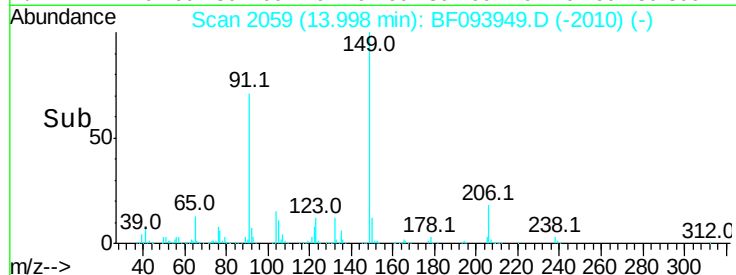
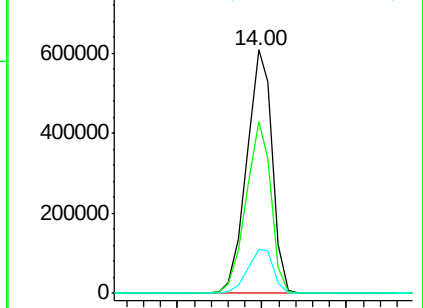
206 18.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.94 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

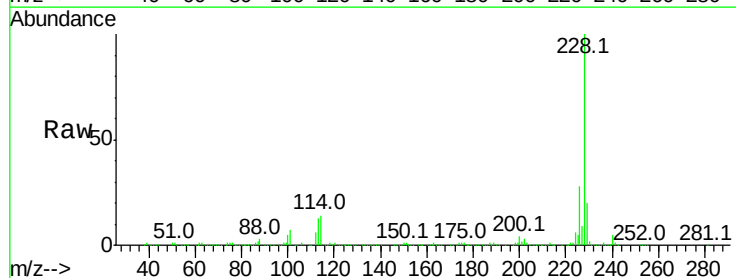
Tgt Ion:228 Resp: 1172807

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

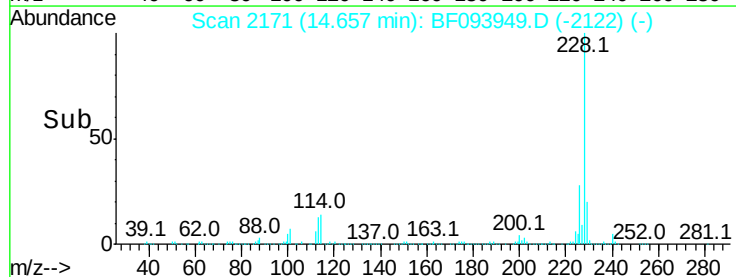
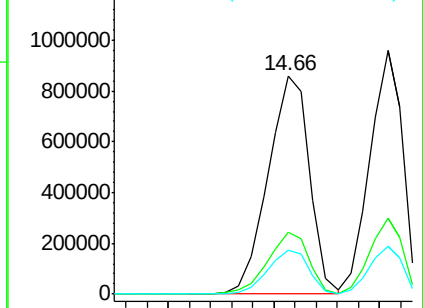
229 19.8 16.3 24.5

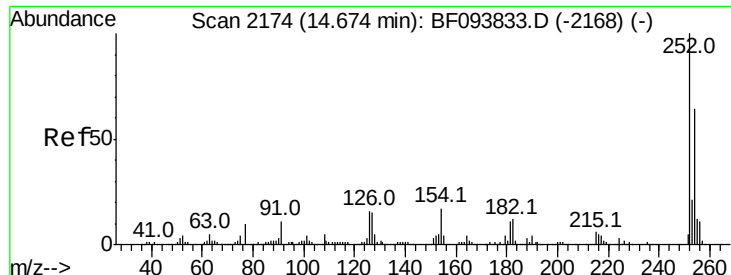


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 43.57 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

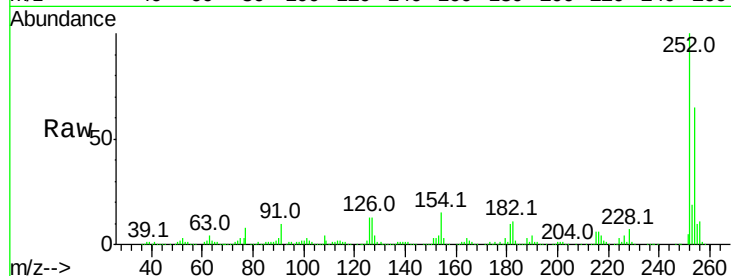
Tot Ion:252 Resp: 446145

Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

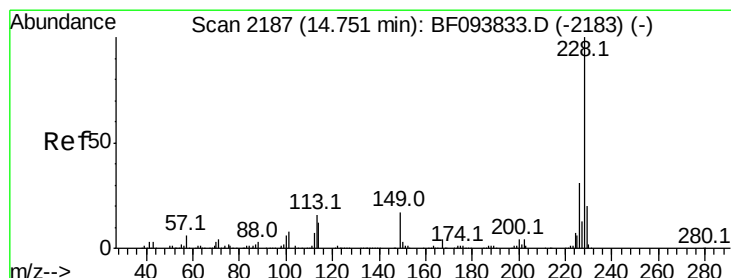
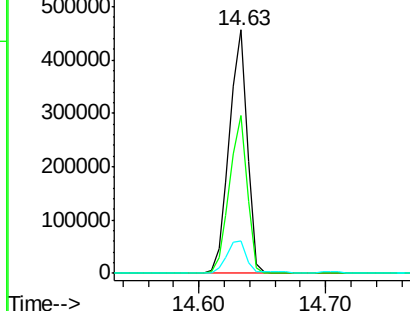
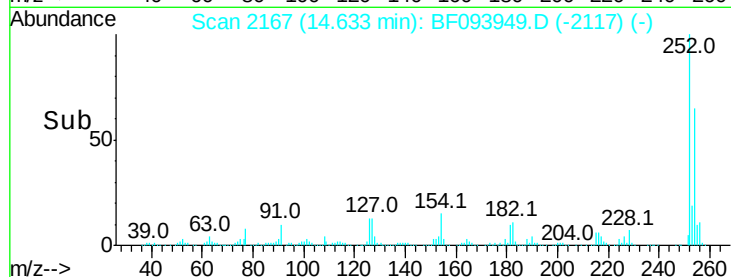
126 13.5 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.17 ng

RT: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

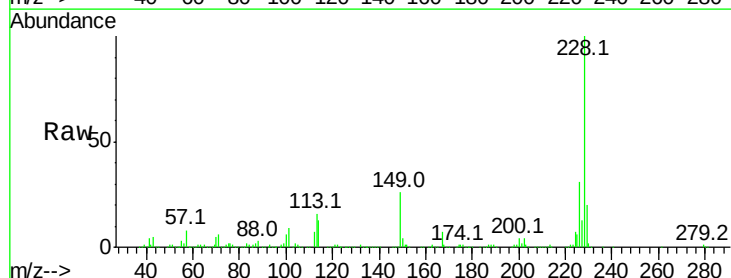
Tgt Ion:228 Resp: 1041375

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

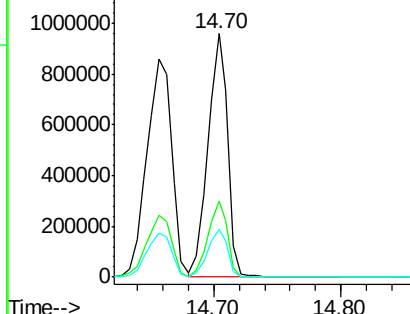
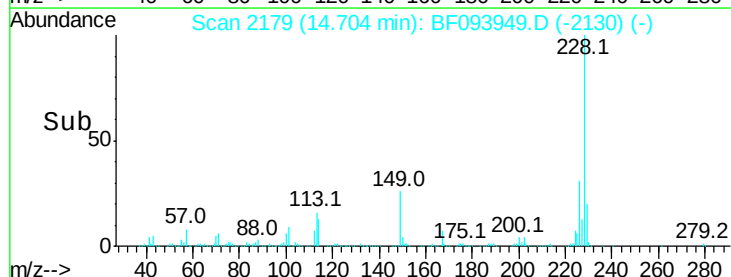
229 19.9 15.8 23.6

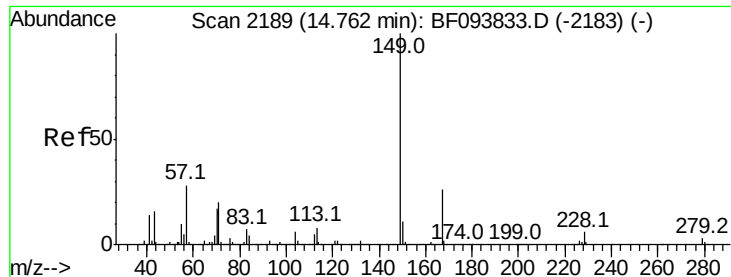


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

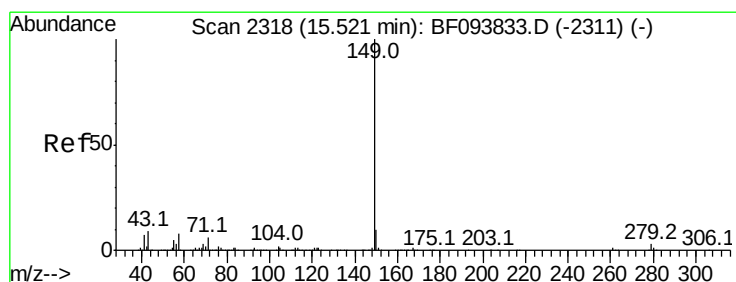
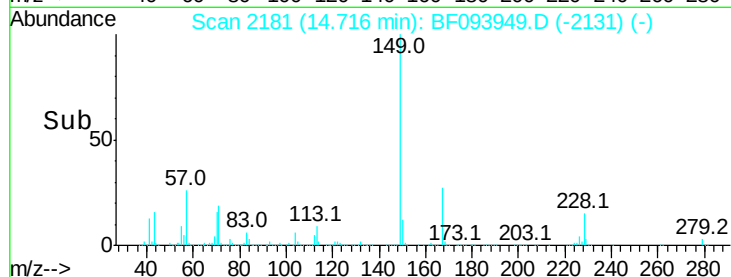
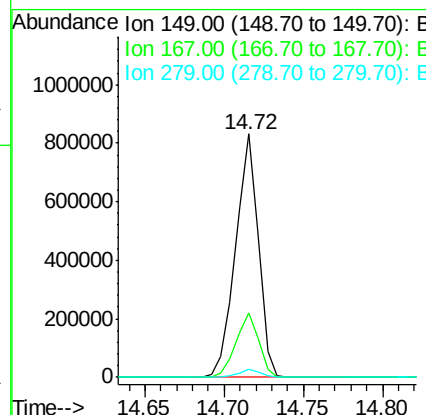
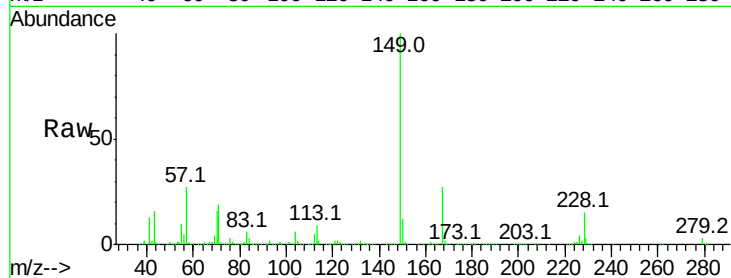




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.97 ng  
 RT: 14.72 min Scan# 2181  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

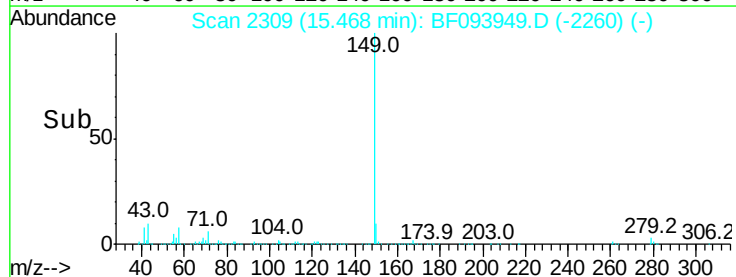
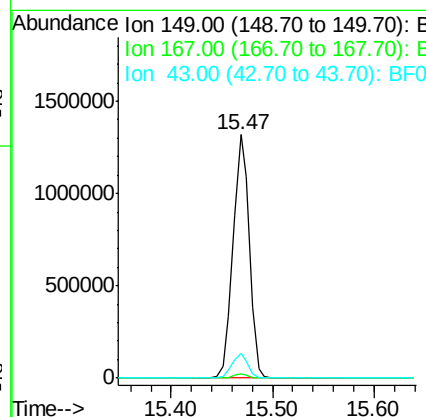
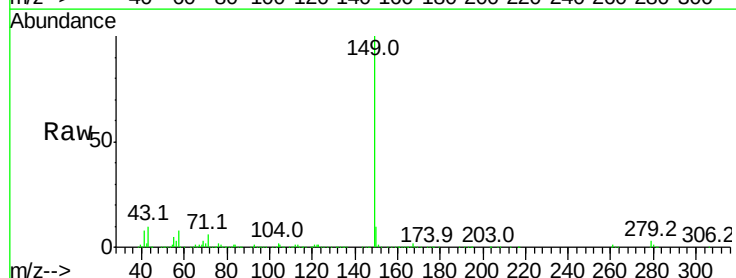
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

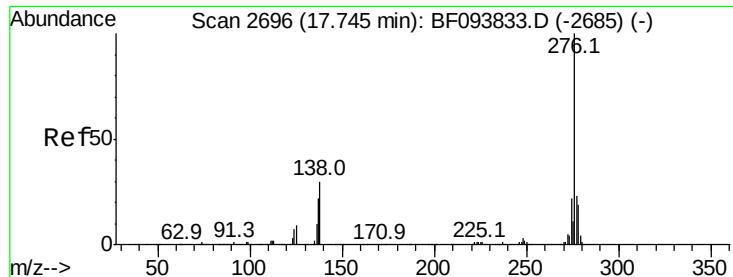
Tot Ion:149 Resp: 828338  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 21.0 31.4  
 279 3.2 1.9 2.9#



#84  
 Di-n-octyl phthalate  
 Concen: 42.38 ng  
 RT: 15.47 min Scan# 2309  
 Delta R.T. -0.01 min  
 Lab File: BF093949.D  
 Acq: 27 Mar 2017 18:26

Tgt Ion:149 Resp: 1467303  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 9.6 8.5 12.7

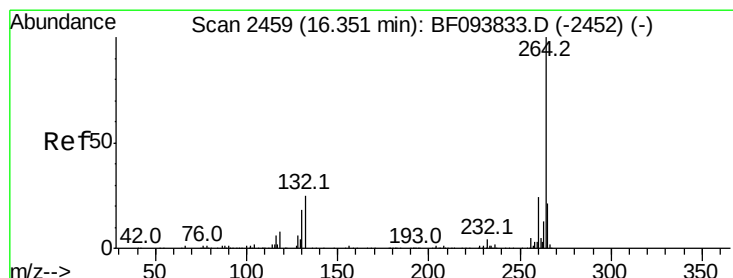
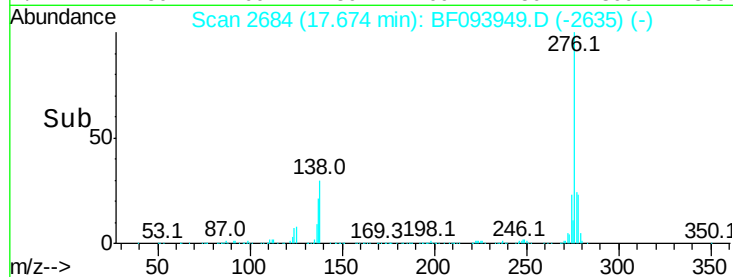
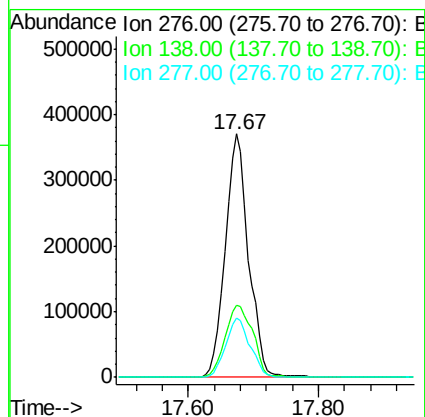
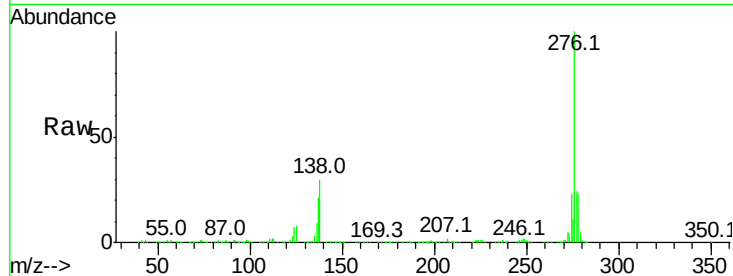




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 39.85 ng  
RT: 17.67 min Scan# 2684  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

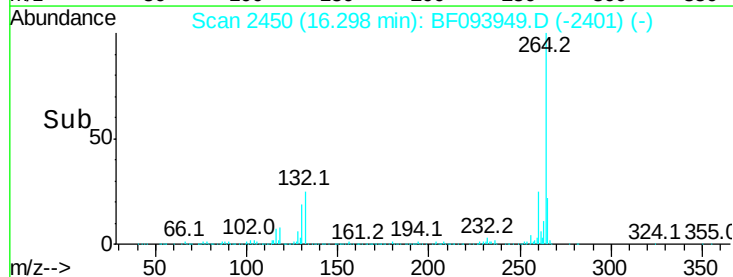
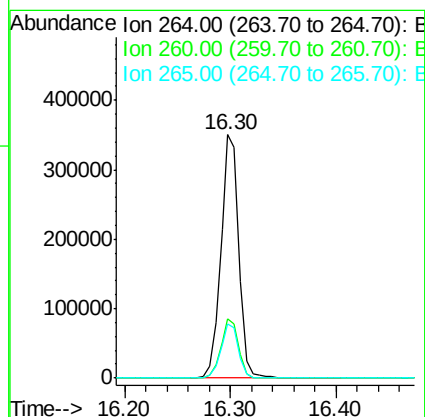
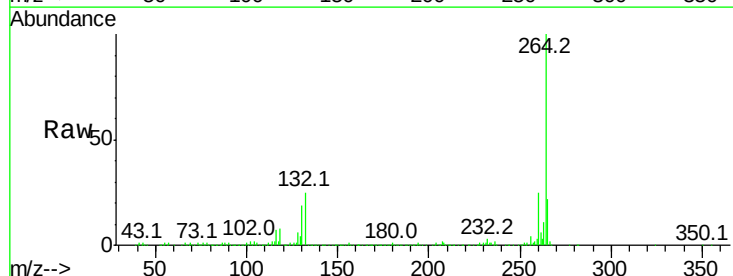
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

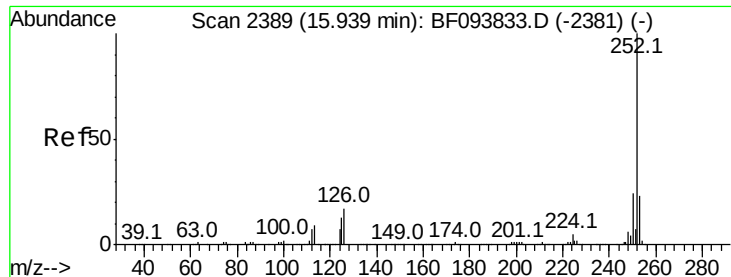
Tot Ion:276 Resp: 917466  
Ion Ratio Lower Upper  
276 100  
138 35.4 27.8 41.6  
277 25.8 20.2 30.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 16.30 min Scan# 2450  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Tgt Ion:264 Resp: 416001  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.5 29.3  
265 22.2 17.2 25.8

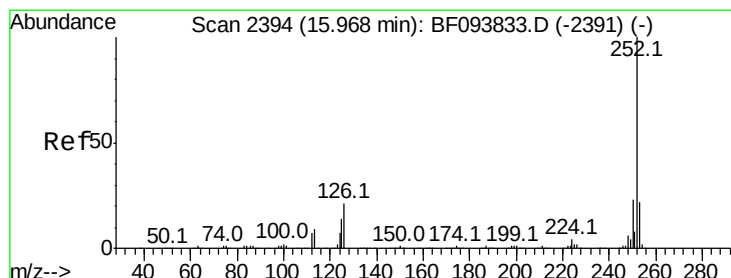
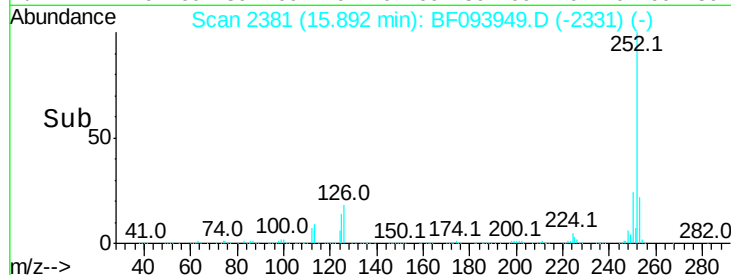
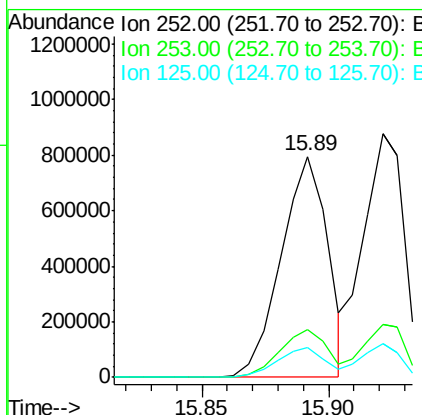
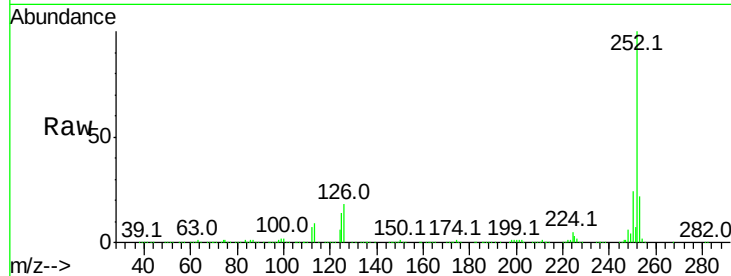




#87  
Benzo(b)fluoranthene  
Concen: 40.01 ng  
RT: 15.89 min Scan# 2381  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

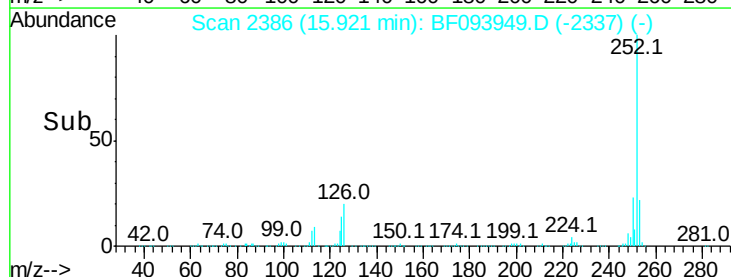
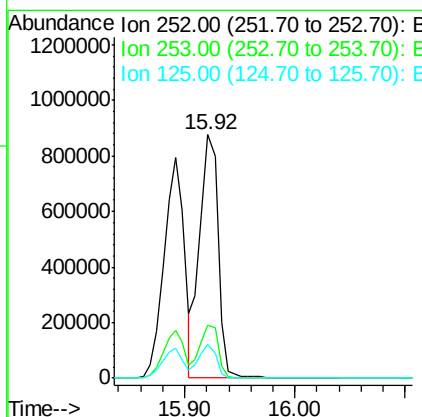
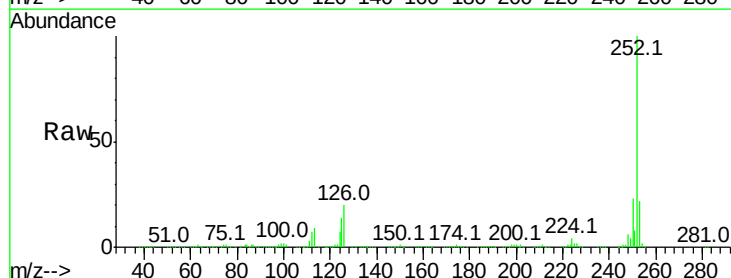
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 1020155  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.1 27.1  
125 13.5 9.8 14.8

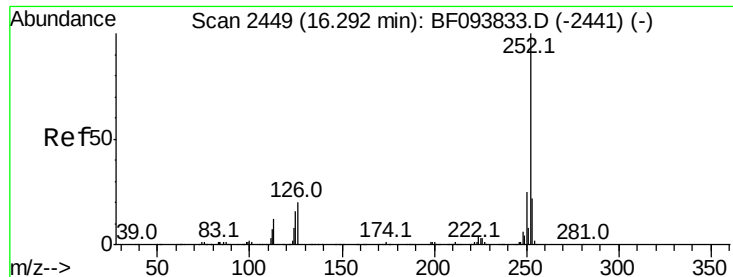


#88  
Benzo(k)fluoranthene  
Concen: 40.05 ng  
RT: 15.92 min Scan# 2386  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Tgt Ion:252 Resp: 999219  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.4 27.6  
125 13.8 13.1 19.7



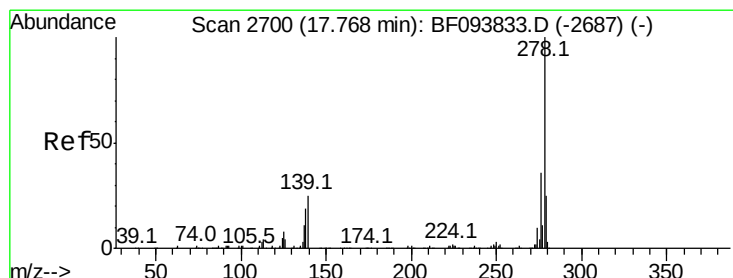
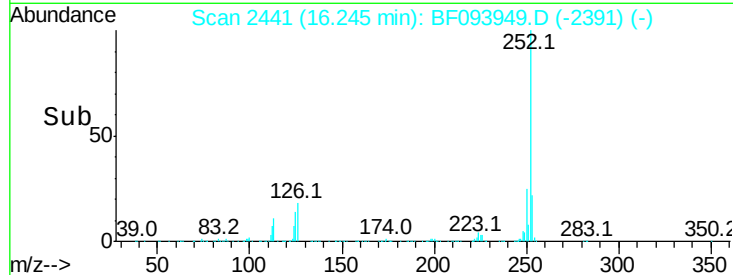
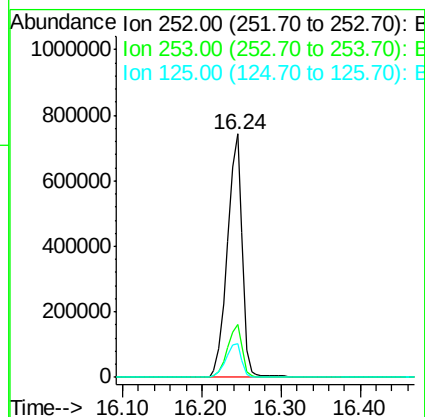
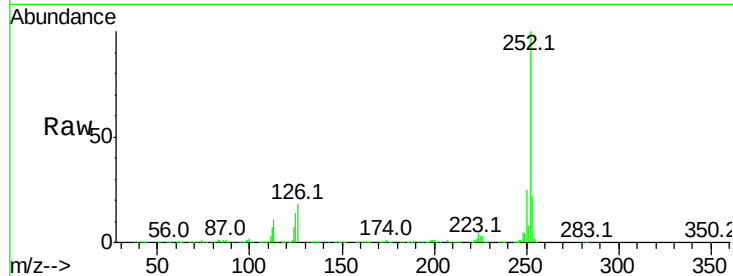




#89  
Benzo(a)pyrene  
Concen: 41.06 ng  
RT: 16.24 min Scan# 2441  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

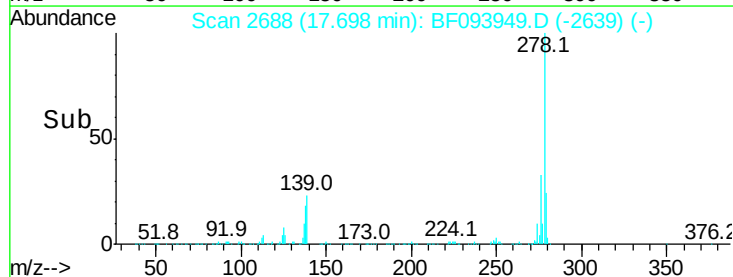
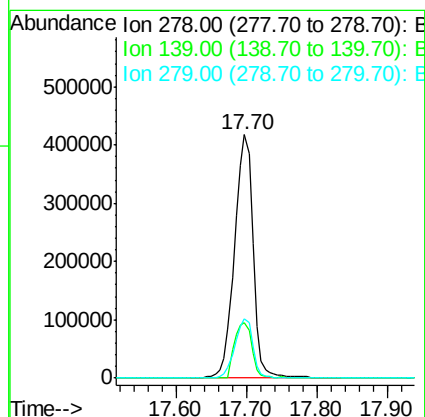
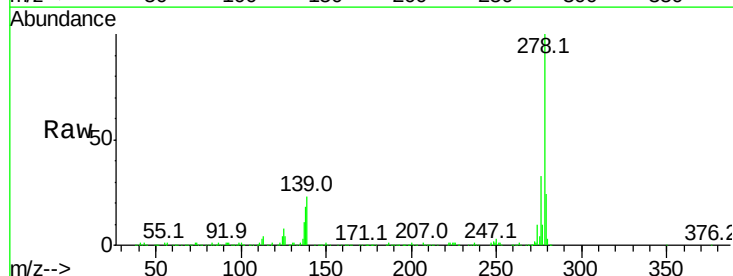
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

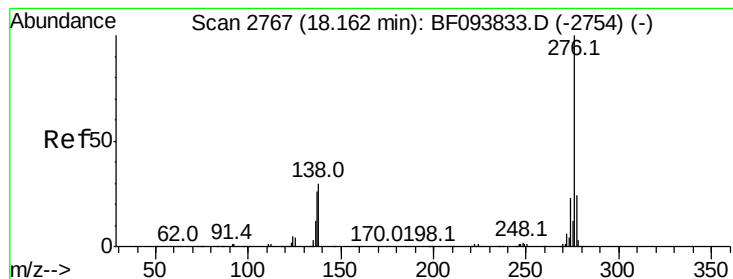
Tot Ion:252 Resp: 964203  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 14.1 11.0 16.4



#90  
Dibenzo(a,h)anthracene  
Concen: 38.71 ng  
RT: 17.70 min Scan# 2688  
Delta R.T. -0.01 min  
Lab File: BF093949.D  
Acq: 27 Mar 2017 18:26

Tgt Ion:278 Resp: 769794  
Ion Ratio Lower Upper  
278 100  
139 22.9 16.6 24.8  
279 24.3 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 38.10 ng

RT: 18.09 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BF093949.D

Acq: 27 Mar 2017 18:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

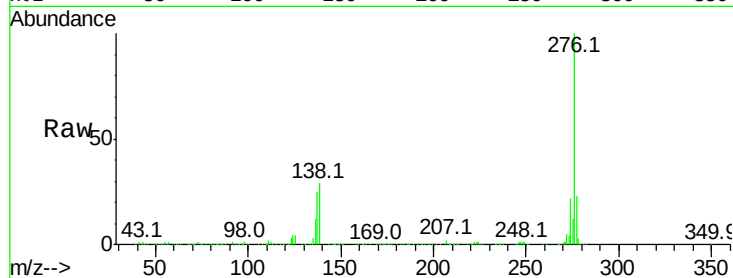
Tot Ion:276 Resp: 763609

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 28.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

