

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030117\  
 Data File : BF093295.D  
 Acq On : 1 Mar 2017 17:53  
 Operator : SJ/MA  
 Sample : I2002-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

Quant Time: Mar 02 00:03:25 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 17:31:55 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.81  | 152  | 130869   | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 8.10  | 136  | 466423   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 9.85  | 164  | 235183   | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 11.33 | 188  | 461435   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 13.97 | 240  | 341580   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 15.39 | 264  | 255014   | 20.00 | ng    | -0.06    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.41  | 112 | 974696  | 127.78 | ng | -0.03 |
| 7) Phenol-d6                | 6.46  | 99  | 1259027 | 128.28 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.38  | 82  | 823557  | 98.33  | ng | -0.05 |
| 41) 2,4,6-Tribromophenol    | 10.65 | 330 | 221444  | 130.19 | ng | -0.03 |
| 44) 2-Fluorobiphenyl        | 9.17  | 172 | 1124723 | 86.64  | ng | -0.05 |
| 78) Terphenyl-d14           | 12.91 | 244 | 990309  | 68.12  | ng | -0.06 |

|                                |      |     |         |        |    |        |
|--------------------------------|------|-----|---------|--------|----|--------|
| Target Compounds               |      |     |         |        |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.37 | 88  | 159741  | 38.76  | ng | # 83   |
| 3) Pyridine                    | 3.09 | 79  | 449554  | 42.89  | ng | 91     |
| 4) n-Nitrosodimethylamine      | 3.04 | 42  | 216854  | 44.06  | ng | 82     |
| 6) Aniline                     | 6.48 | 93  | 273940  | 20.46  | ng | # 21   |
| 8) 2-Chlorophenol              | 6.60 | 128 | 349832  | 41.57  | ng | 92     |
| 9) Benzaldehyde                | 6.35 | 77  | 136020  | 19.34  | ng | 83     |
| 10) Phenol                     | 6.48 | 94  | 590964  | 51.46  | ng | # 77   |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 338245  | 36.90  | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 387228  | 39.29  | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 328816  | 32.96  | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.98 | 146 | 347047  | 36.38  | ng | 96     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 260014  | 35.78  | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 560781  | 35.22  | ng | 84     |
| 17) 2-Methylphenol             | 7.08 | 107 | 259836  | 35.99  | ng | 94     |
| 18) Hexachloroethane           | 7.32 | 117 | 223530  | 65.64  | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 319741  | 51.18  | ng | # 96   |
| 20) 3+4-Methylphenols          | 7.24 | 107 | 382393  | 44.30  | ng | # 76   |
| 22) Acetophenone               | 7.23 | 105 | 491641  | 46.17  | ng | # 96   |
| 24) Nitrobenzene               | 7.40 | 77  | 398285  | 46.31  | ng | 93     |
| 25) Isophorone                 | 7.64 | 82  | 814984  | 52.22  | ng | # 93   |
| 26) 2-Nitrophenol              | 7.72 | 139 | 184676  | 45.17  | ng | # 91   |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 334712  | 46.62  | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 386641  | 37.40  | ng | # 85   |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 295540  | 44.13  | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 265547  | 36.80  | ng | 95     |
| 31) Naphthalene                | 8.12 | 128 | 1008987 | 42.67  | ng | 99     |
| 32) Benzoic acid               | 7.87 | 122 | 39896   | 15.51  | ng | # 4    |
| 33) 4-Chloroaniline            | 8.18 | 127 | 193539  | 20.87  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 156308  | 39.37  | ng | 98     |
| 35) Caprolactam                | 8.52 | 113 | 229970  | 109.18 | ng | # 1    |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 291986  | 41.82  | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 709338  | 46.72  | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 245167  | 37.14  | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 8.96 | 237 | 94051   | 31.58  | ng | 94     |

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

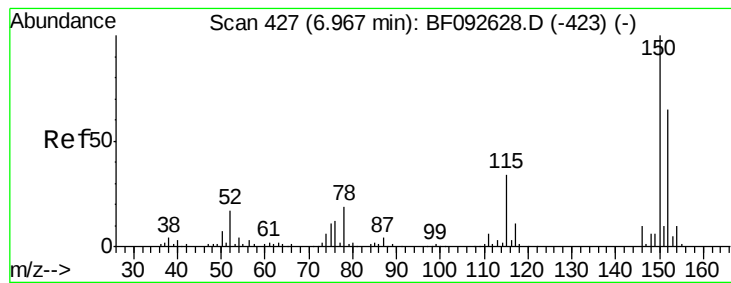
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

Quant Time: Mar 02 00:03:25 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 17:31:55 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 42) 2,4,6-Trichlorophenol      | 9.09  | 196  | 170539   | 39.31 | ng    | 92       |
| 43) 2,4,5-Trichlorophenol      | 9.15  | 196  | 167929   | 35.33 | ng #  | 86       |
| 45) 1,1'-Biphenyl              | 9.28  | 154  | 734399   | 43.12 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.30  | 162  | 515767   | 38.72 | ng    | 95       |
| 47) 2-Nitroaniline             | 9.40  | 65   | 206563   | 46.12 | ng    | 97       |
| 48) Acenaphthylene             | 9.71  | 152  | 861147   | 37.42 | ng    | 100      |
| 49) Dimethylphthalate          | 9.57  | 163  | 622240   | 39.28 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.64  | 165  | 139688   | 40.83 | ng #  | 69       |
| 51) Acenaphthene               | 9.88  | 154  | 514780   | 37.41 | ng    | 96       |
| 52) 3-Nitroaniline             | 9.81  | 138  | 113749   | 29.05 | ng    | 91       |
| 53) 2,4-Dinitrophenol          | 9.94  | 184  | 39782    | 26.24 | ng #  | 58       |
| 54) Dibenzofuran               | 10.05 | 168  | 736710   | 40.03 | ng    | 98       |
| 55) 4-Nitrophenol              | 10.00 | 139  | 159839   | 56.68 | ng    | 94       |
| 56) 2,4-Dinitrotoluene         | 10.05 | 165  | 195425   | 42.91 | ng #  | 92       |
| 57) Fluorene                   | 10.40 | 166  | 644055   | 45.49 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 142551   | 44.96 | ng #  | 93       |
| 59) Diethylphthalate           | 10.27 | 149  | 690015   | 46.22 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.38 | 204  | 271178   | 39.87 | ng    | 94       |
| 61) 4-Nitroaniline             | 10.43 | 138  | 167985   | 41.89 | ng    | 86       |
| 62) Azobenzene                 | 10.54 | 77   | 800794   | 51.92 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 67607    | 25.40 | ng #  | 59       |
| 65) n-Nitrosodiphenylamine     | 10.51 | 169  | 608137   | 41.26 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.88 | 248  | 175974   | 36.50 | ng    | 92       |
| 67) Hexachlorobenzene          | 10.94 | 284  | 161705   | 33.94 | ng #  | 83       |
| 68) Atrazine                   | 11.04 | 200  | 161432   | 34.13 | ng    | 98       |
| 69) Pentachlorophenol          | 11.15 | 266  | 118282   | 50.97 | ng    | 97       |
| 70) Phenanthrene               | 11.36 | 178  | 918264   | 34.73 | ng    | 99       |
| 71) Anthracene                 | 11.41 | 178  | 1026616  | 38.67 | ng    | 98       |
| 72) Carbazole                  | 11.57 | 167  | 916440   | 36.11 | ng    | 97       |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 1118496  | 40.75 | ng #  | 97       |
| 74) Fluoranthene               | 12.55 | 202  | 914727   | 33.54 | ng    | 98       |
| 76) Benzidine                  | 12.67 | 184  | 255851   | 17.58 | ng    | 97       |
| 77) Pyrene                     | 12.77 | 202  | 929024   | 36.34 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 433358   | 41.75 | ng #  | 81       |
| 80) Benzo(a)anthracene         | 13.96 | 228  | 724395   | 34.67 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 172247   | 23.13 | ng #  | 95       |
| 82) Chrysene                   | 14.00 | 228  | 572411   | 29.26 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 535705   | 37.74 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.56 | 149  | 849442   | 36.74 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.80 | 276  | 603962   | 39.86 | ng #  | 93       |
| 87) Benzo(b)fluoranthene       | 15.01 | 252  | 1109023  | 66.07 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 15.01 | 252  | 1109023  | 76.52 | ng #  | 96       |
| 89) Benzo(a)pyrene             | 15.33 | 252  | 552746   | 38.07 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene     | 16.80 | 278  | 509134   | 43.39 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.21 | 276  | 539810   | 45.54 | ng #  | 91       |
| -----                          |       |      |          |       |       |          |

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

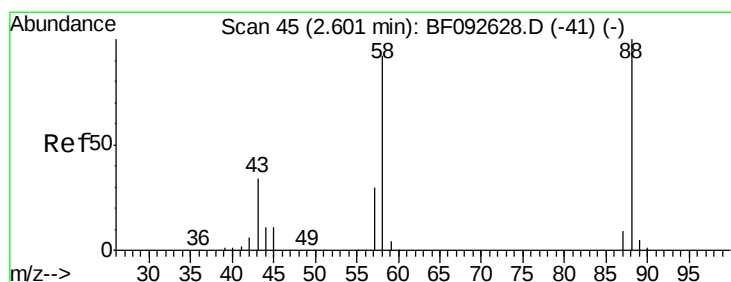
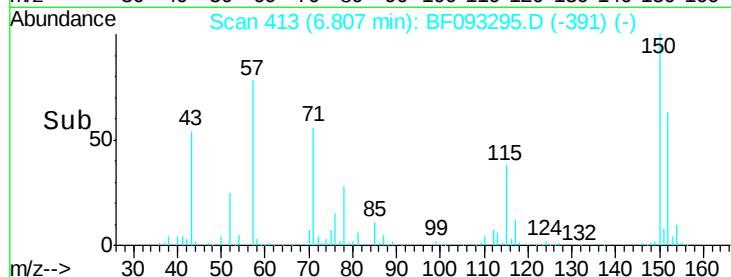
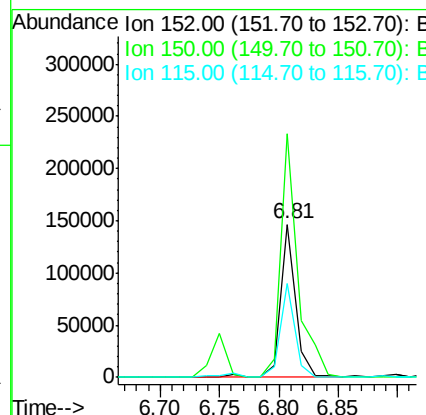
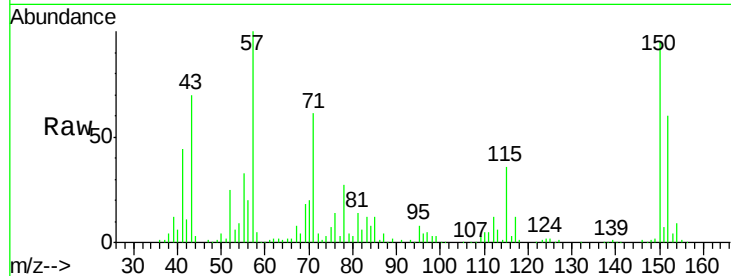




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.81 min Scan# 413  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

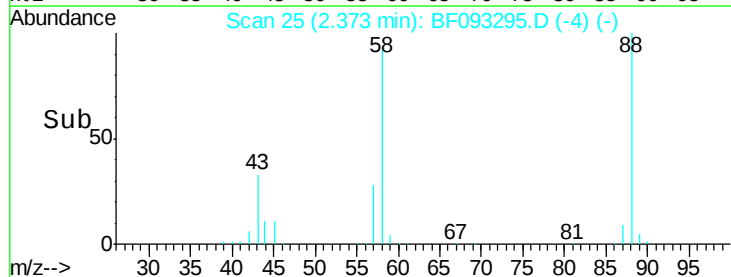
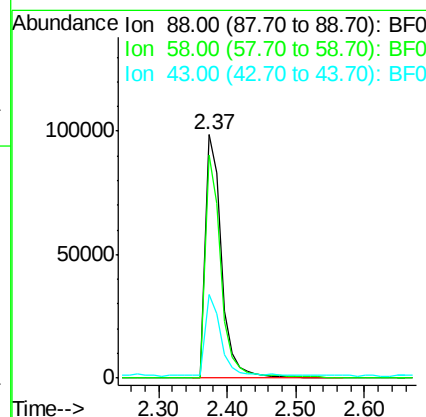
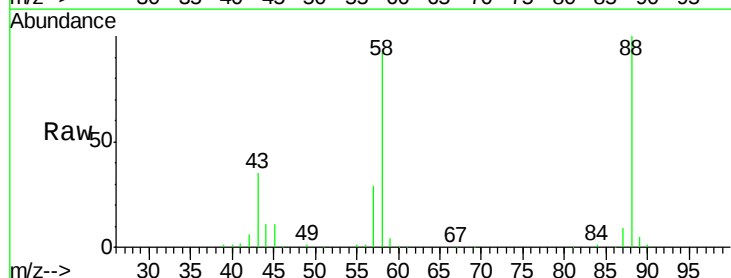
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

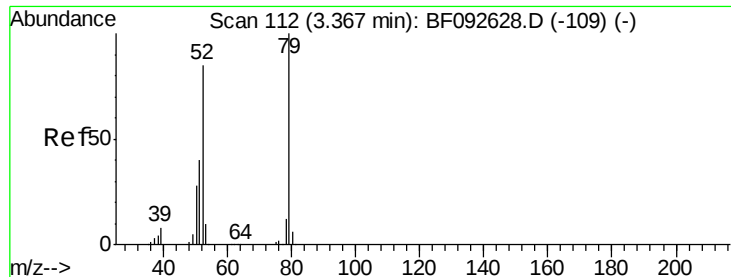
Tgt Ion:152 Resp: 130869  
 Ion Ratio Lower Upper  
 152 100  
 150 158.8 124.9 187.3  
 115 61.1 46.0 69.0



#2  
 1,4-Dioxane  
 Concen: 38.76 ng  
 RT: 2.37 min Scan# 25  
 Delta R.T. -0.06 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Tgt Ion: 88 Resp: 159741  
 Ion Ratio Lower Upper  
 88 100  
 58 89.5 57.8 86.8#  
 43 32.9 22.3 33.5





#3

Pyridine

Concen: 42.89 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.06 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

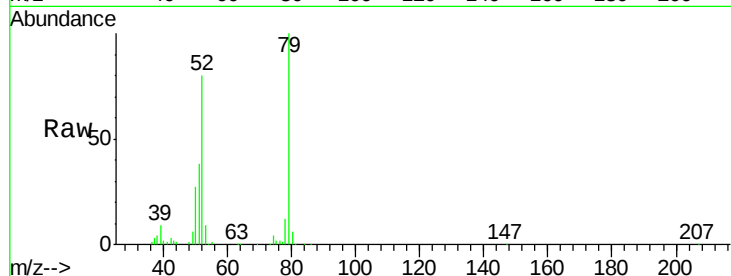
Tgt Ion: 79 Resp: 449554

Ion Ratio Lower Upper

79 100

52 79.9 57.1 85.7

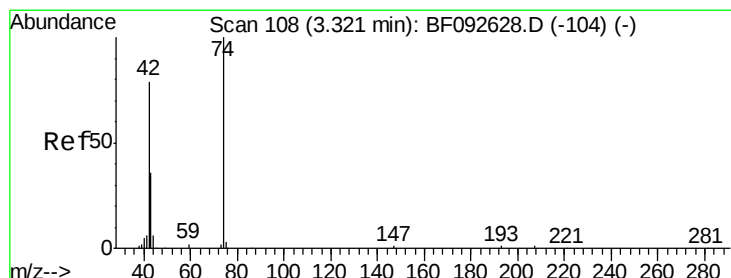
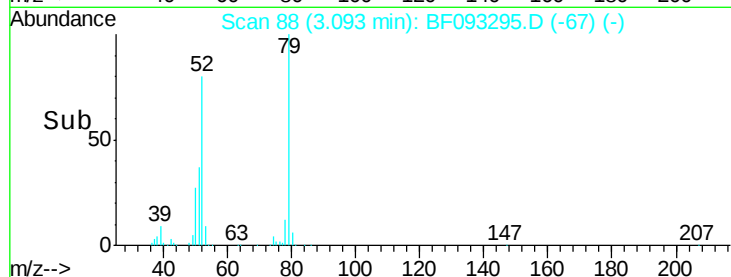
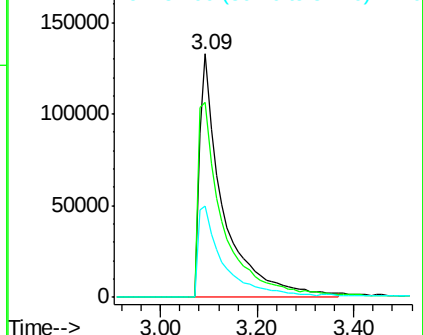
51 37.7 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.06 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.07 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

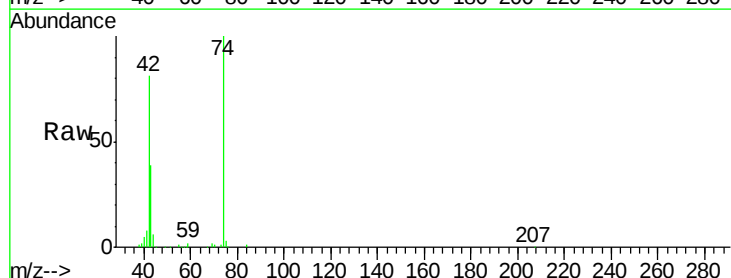
Tgt Ion: 42 Resp: 216854

Ion Ratio Lower Upper

42 100

74 123.1 117.0 175.4

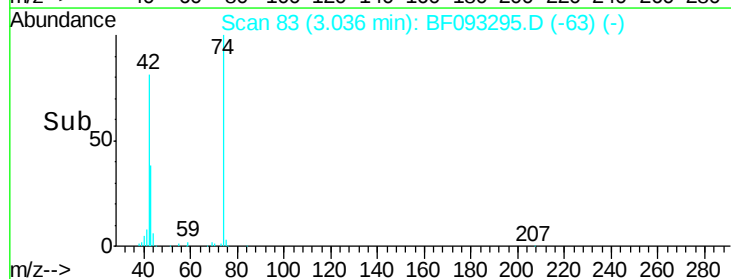
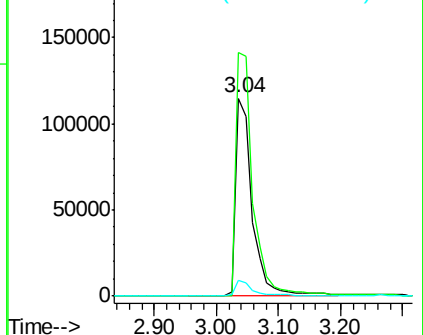
44 7.7 5.5 8.3

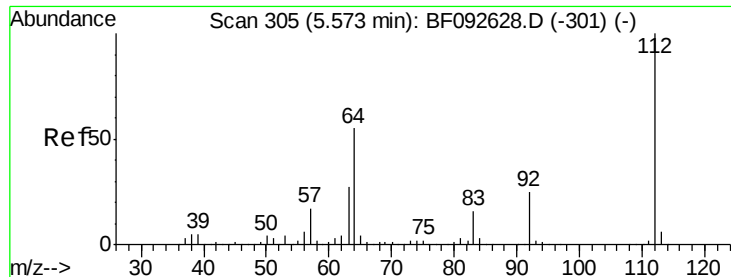


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.78 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

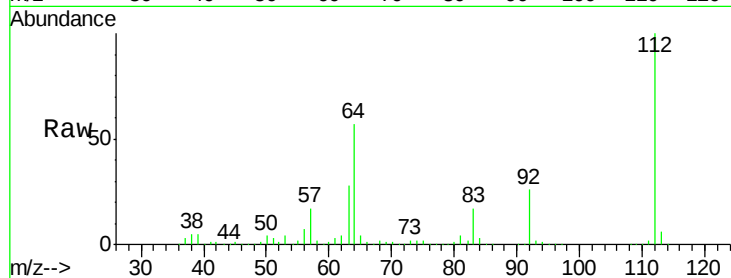
Tgt Ion: 112 Resp: 974696

Ion Ratio Lower Upper

112 100

64 57.2 46.1 69.1

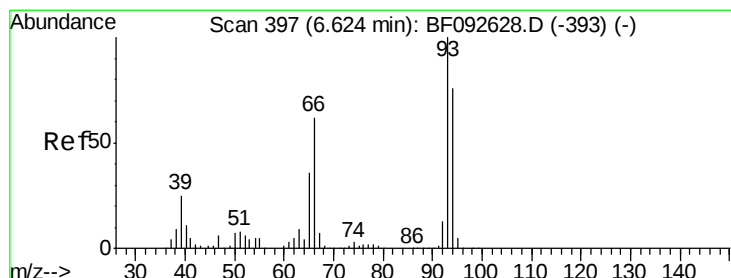
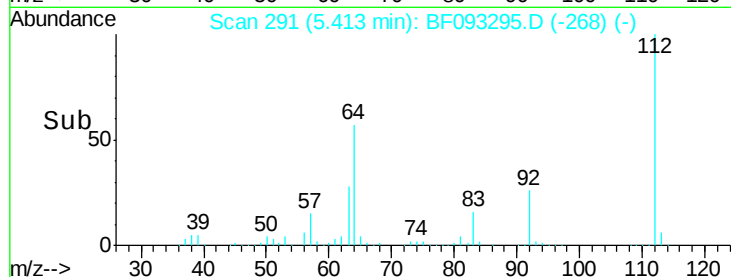
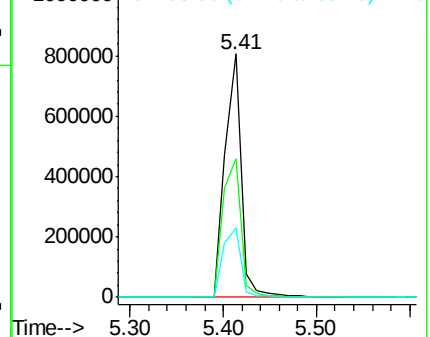
63 28.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.46 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

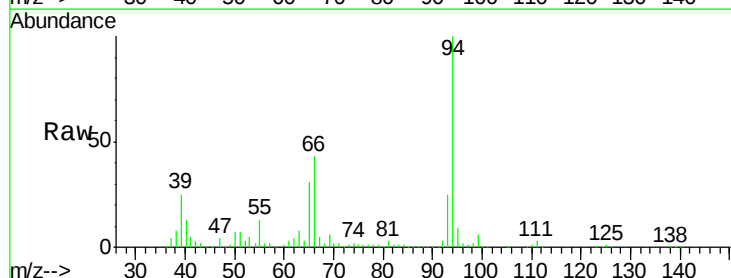
Tgt Ion: 93 Resp: 273940

Ion Ratio Lower Upper

93 100

66 171.4 76.2 114.2#

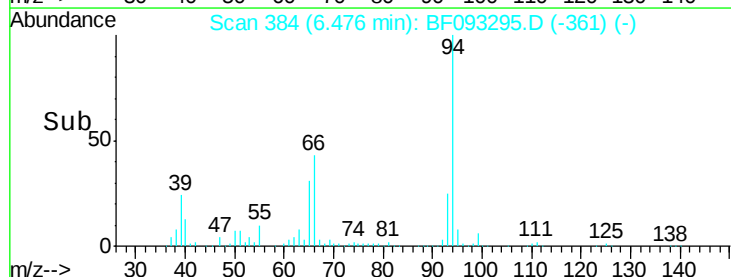
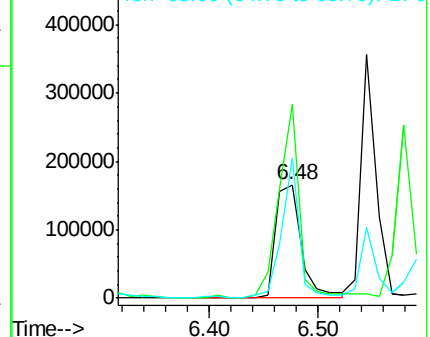
65 123.2 49.3 73.9#

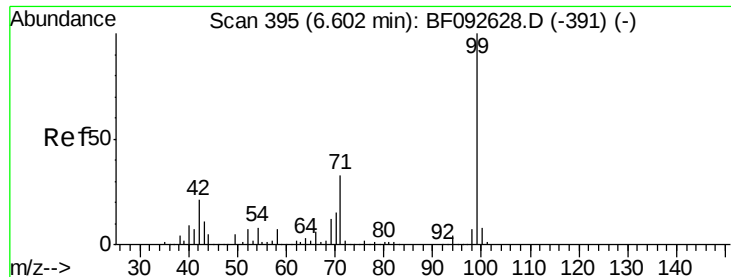


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.28 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

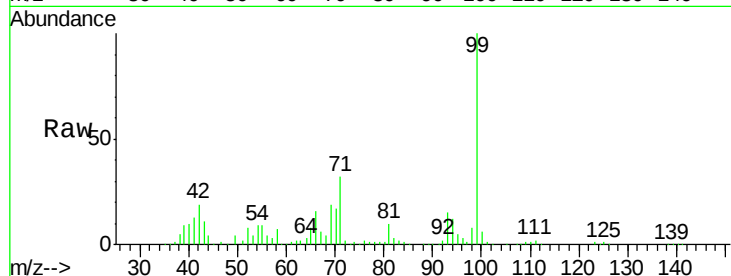
Tgt Ion: 99 Resp: 1259027

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

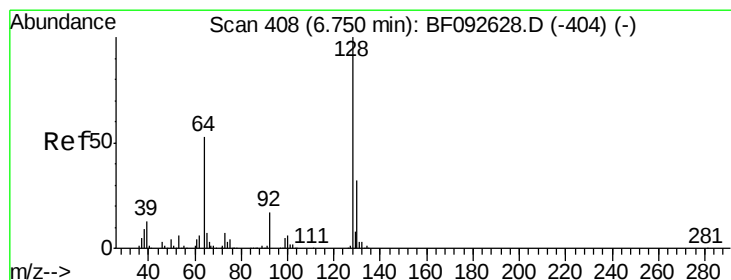
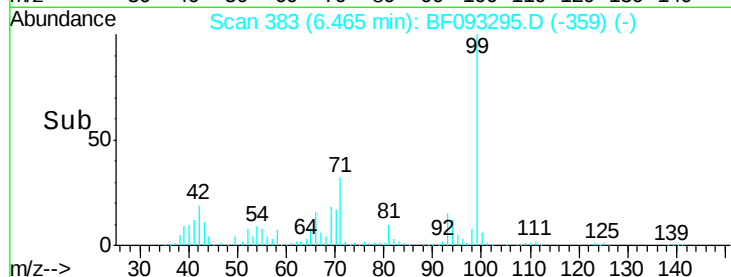
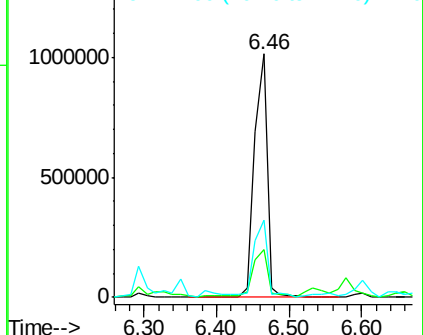
71 31.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.57 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

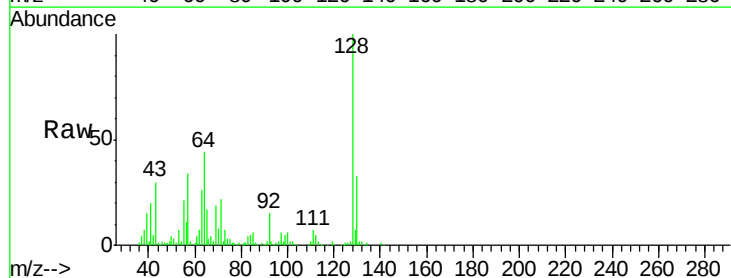
Tgt Ion: 128 Resp: 349832

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

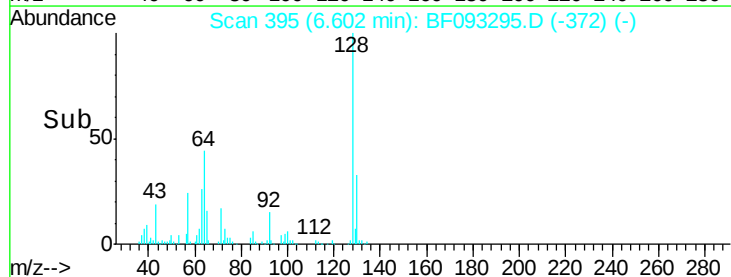
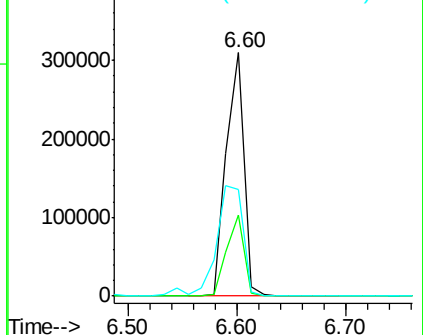
64 43.9 32.2 72.2

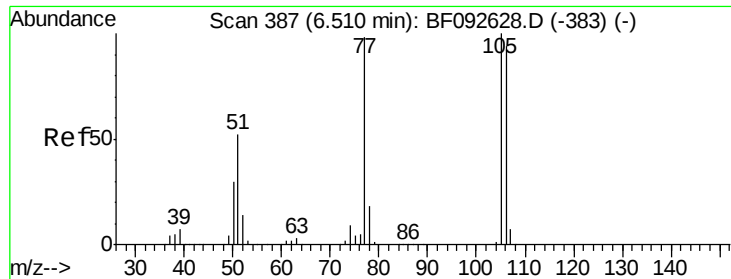


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.34 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

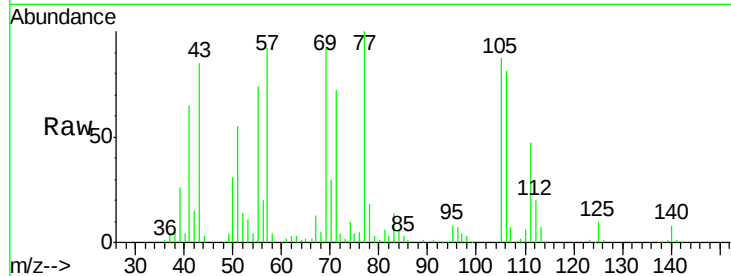
Tgt Ion: 77 Resp: 136020

Ion Ratio Lower Upper

77 100

105 86.7 83.9 123.9

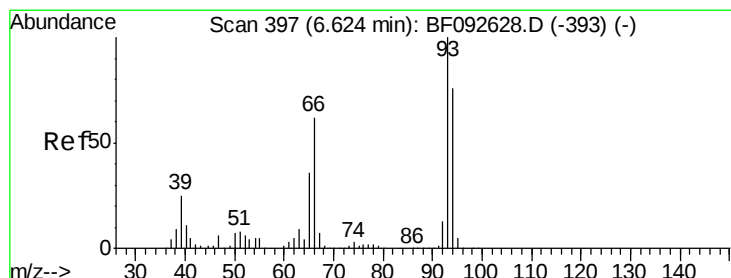
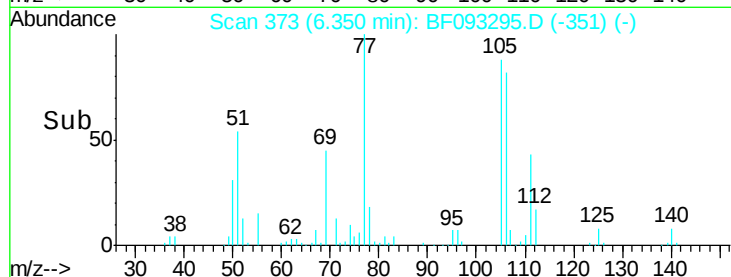
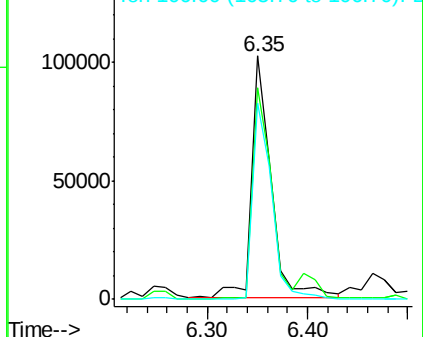
106 80.6 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.46 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

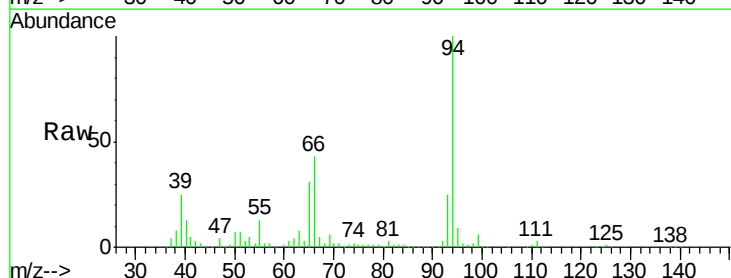
Tgt Ion: 94 Resp: 590964

Ion Ratio Lower Upper

94 100

65 31.0 21.4 61.4

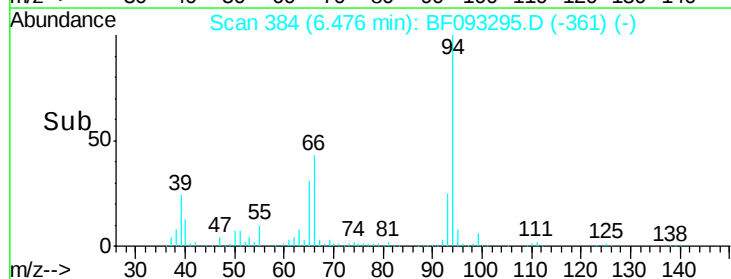
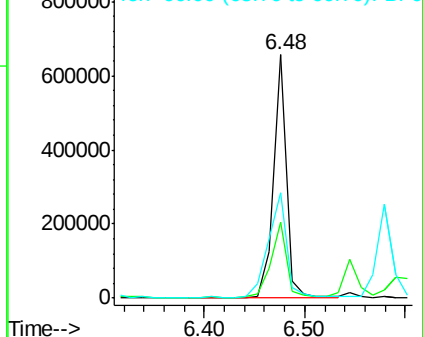
66 43.2 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

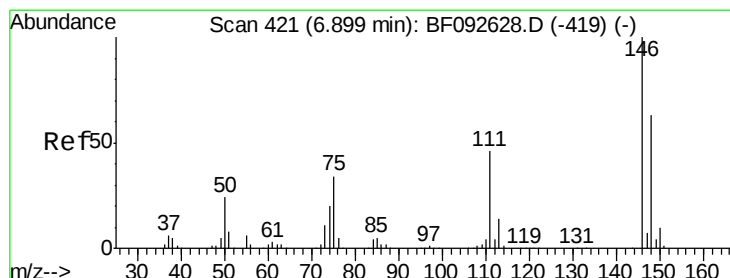
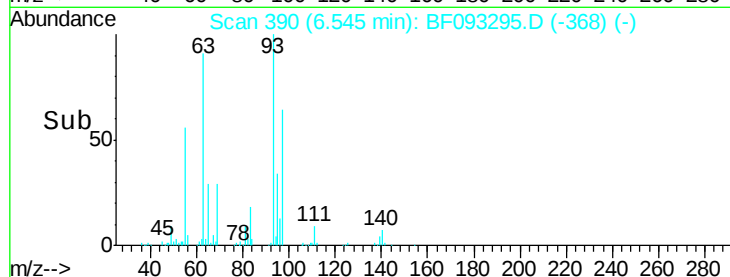
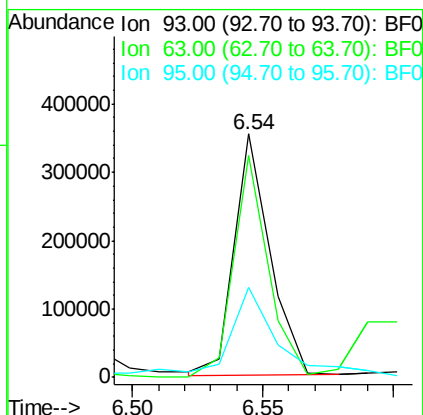
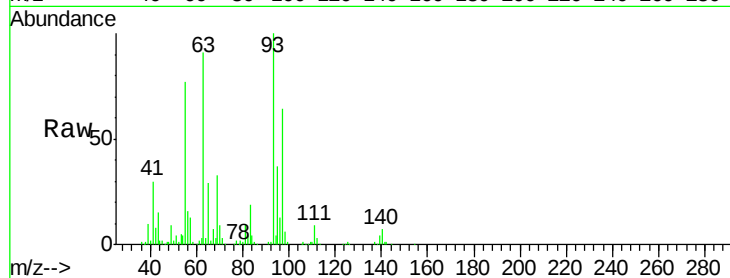




#11  
bis(2-Chloroethyl)ether  
Concen: 36.90 ng  
RT: 6.54 min Scan# 390  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

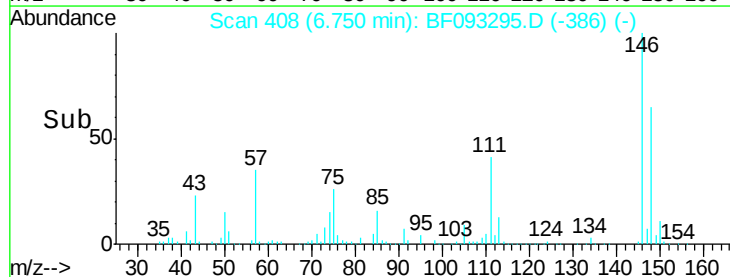
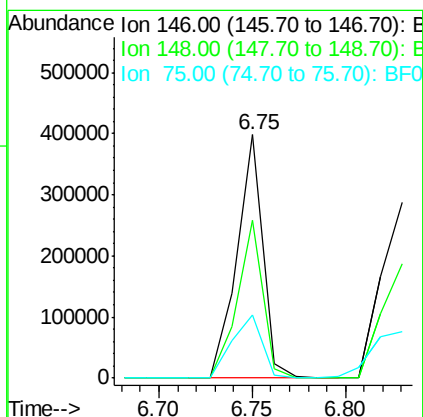
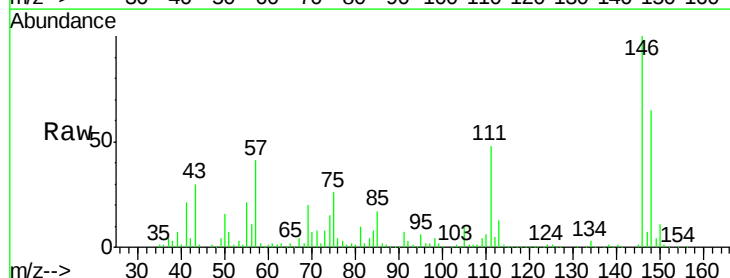
Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

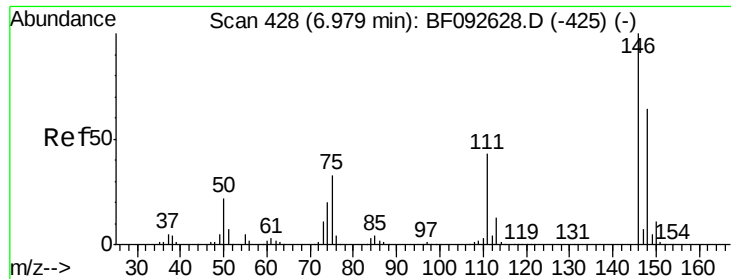
Tgt Ion: 93 Resp: 338245  
Ion Ratio Lower Upper  
93 100  
63 91.3 60.4 100.4  
95 37.1 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 39.29 ng  
RT: 6.75 min Scan# 408  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion: 146 Resp: 387228  
Ion Ratio Lower Upper  
146 100  
148 64.6 53.4 80.0  
75 26.2 18.5 27.7

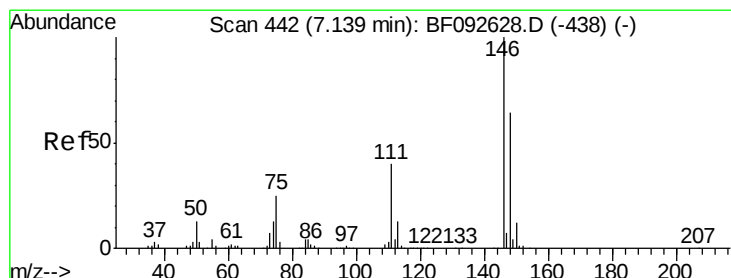
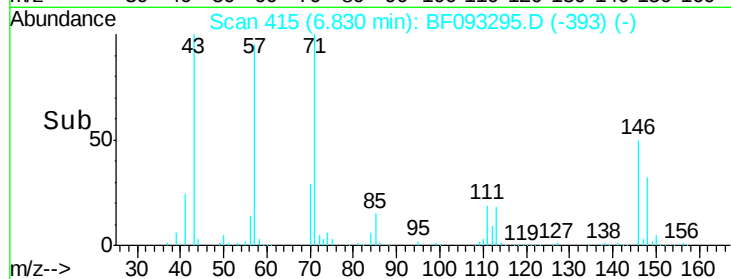
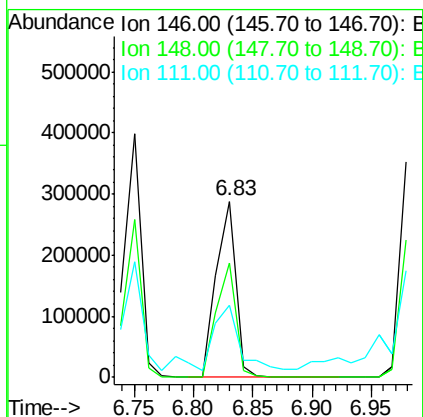
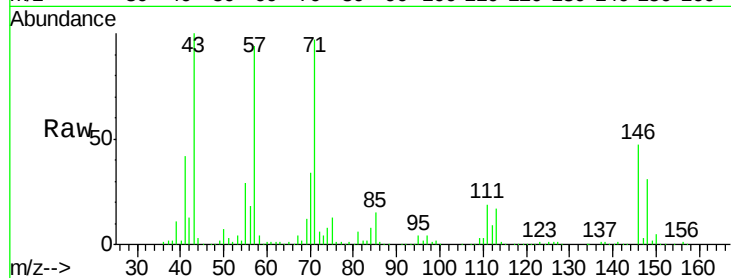




#13  
 1,4-Dichlorobenzene  
 Concen: 32.96 ng  
 RT: 6.83 min Scan# 415  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

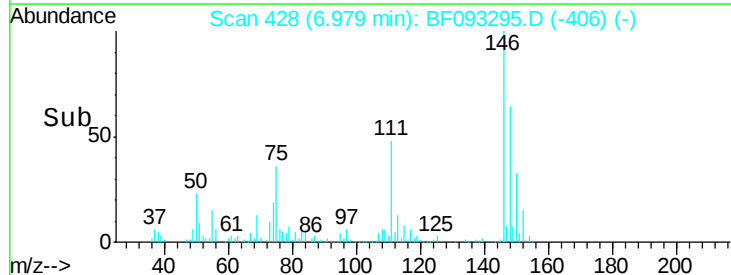
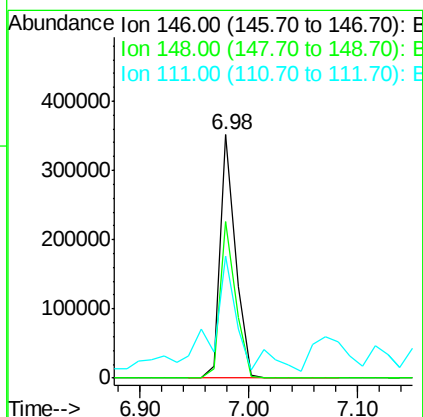
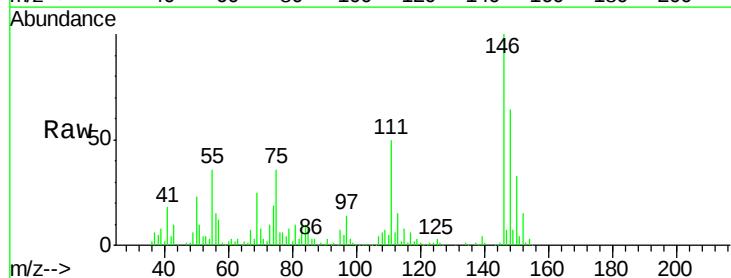
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

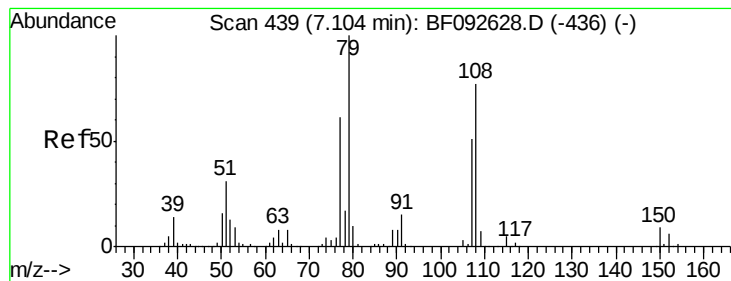
Tgt Ion:146 Resp: 328816  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 50.6 76.0  
 111 41.1 36.2 54.4



#14  
 1,2-Dichlorobenzene  
 Concen: 36.38 ng  
 RT: 6.98 min Scan# 428  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Tgt Ion:146 Resp: 347047  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 52.2 78.2  
 111 49.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 35.78 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

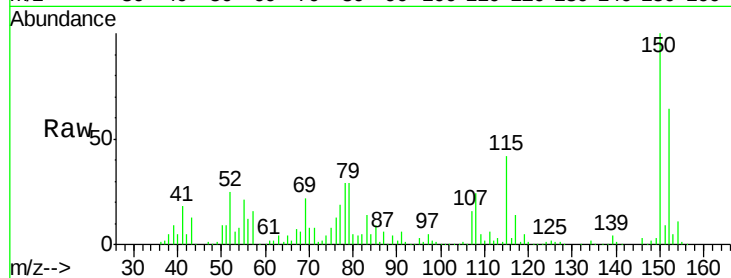
Tgt Ion: 79 Resp: 260014

Ion Ratio Lower Upper

79 100

108 81.5 61.4 92.0

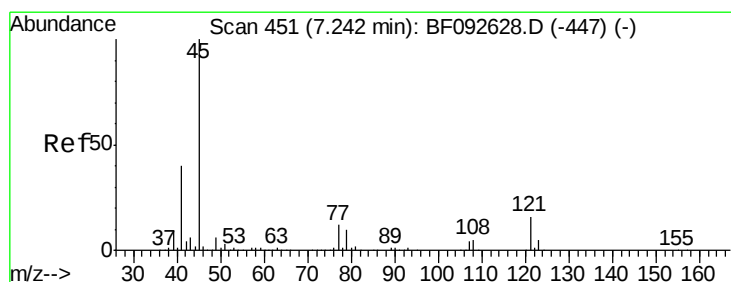
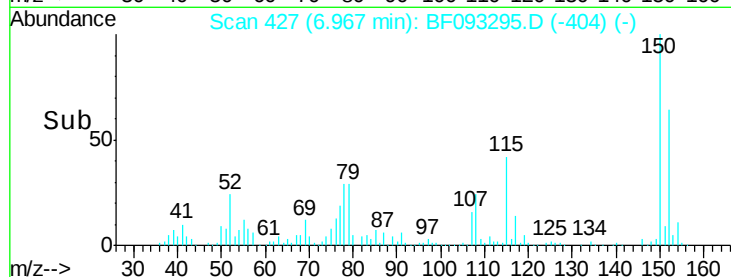
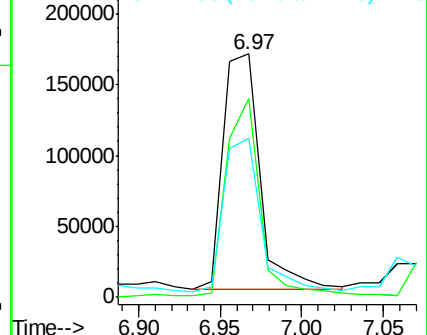
77 65.2 50.9 76.3



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: 35.22 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

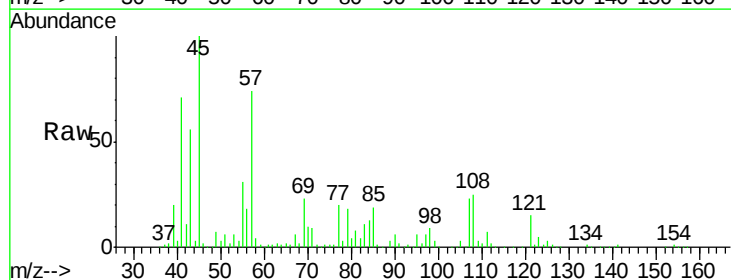
Tgt Ion: 45 Resp: 560781

Ion Ratio Lower Upper

45 100

77 20.5 0.0 34.6

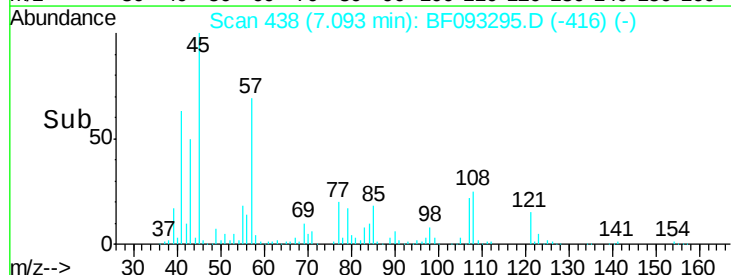
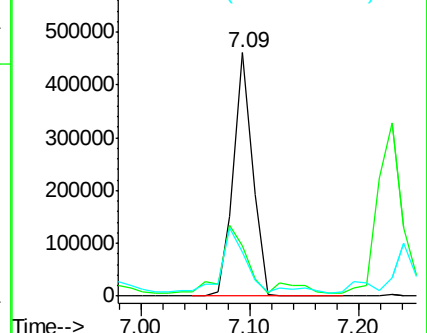
79 18.1 0.0 31.2

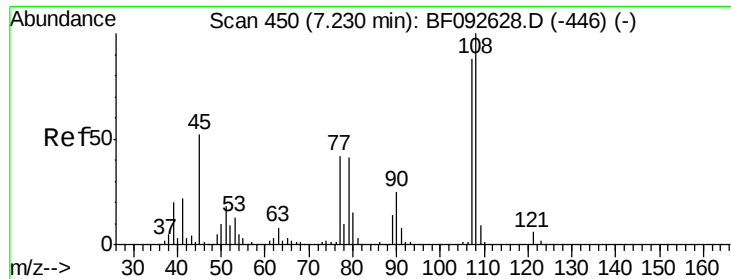


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

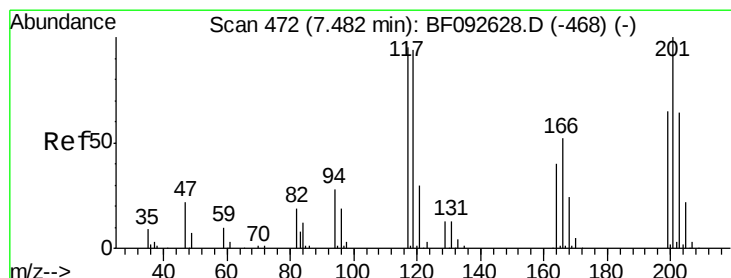
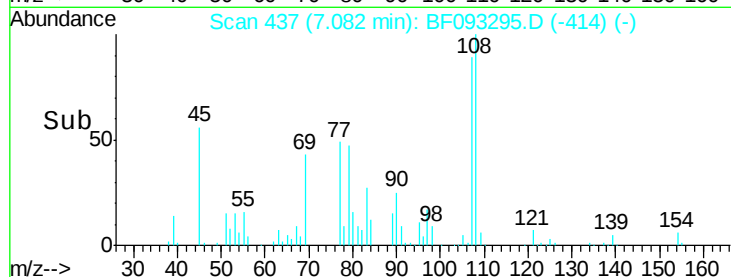
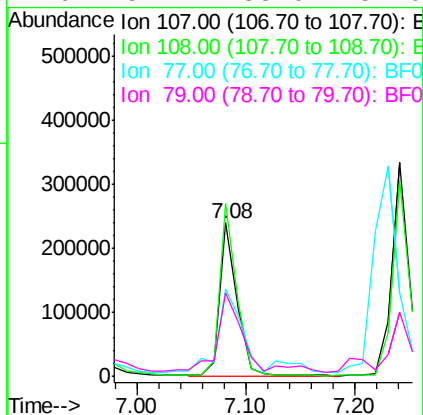
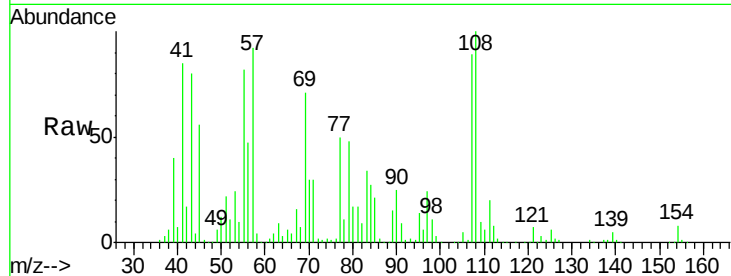




#17  
2-Methylphenol  
Concen: 35.99 ng  
RT: 7.08 min Scan# 437  
Delta R.T. -0.03 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

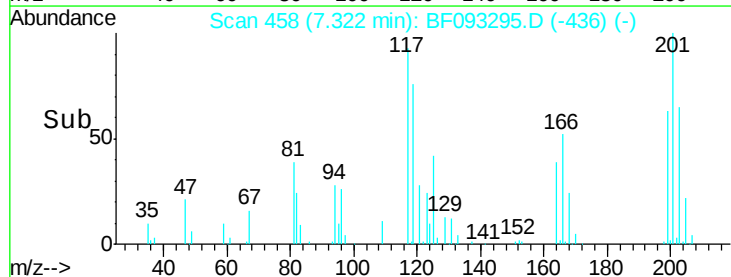
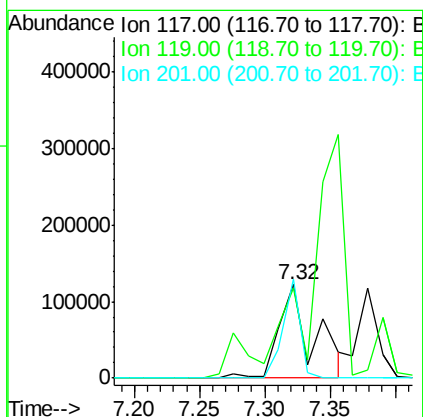
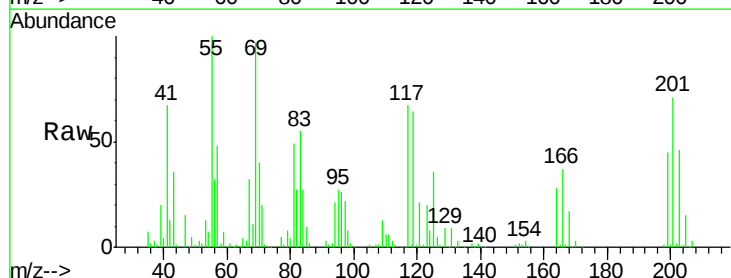
Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

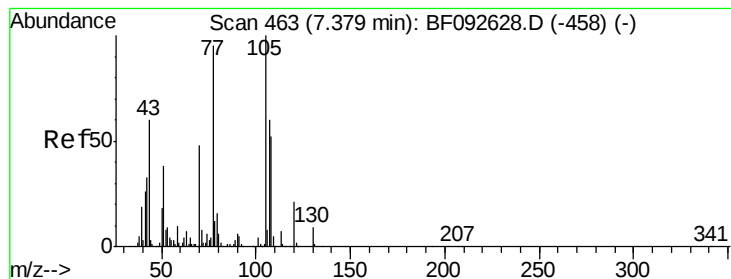
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 259836 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.4 | 93.0  | 139.6  |
| 77       | 56.6  | 39.8  | 59.8   |
| 79       | 54.2  | 38.0  | 57.0   |



#18  
Hexachloroethane  
Concen: 65.64 ng  
RT: 7.32 min Scan# 458  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 223530 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.7  | 78.1  | 117.1  |
| 201      | 105.5 | 78.6  | 117.8  |





#19

n-Nitroso-di-n-propylamine

Concen: 51.18 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

Tgt Ion: 70 Resp: 319741

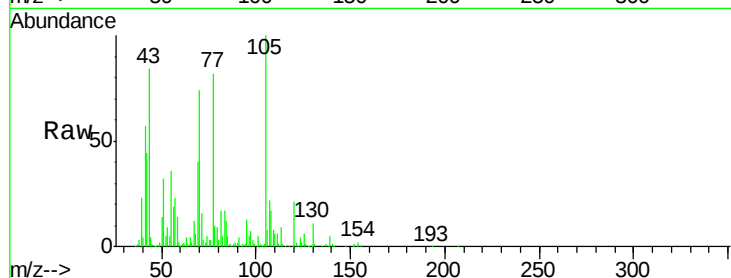
Ion Ratio Lower Upper

70 100

42 59.0 49.4 74.0

101 7.3 7.4 11.2#

130 15.3 14.2 21.4

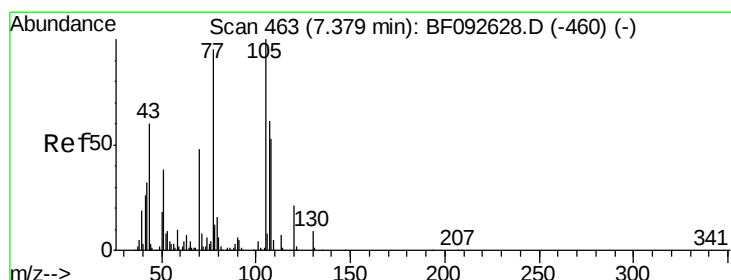
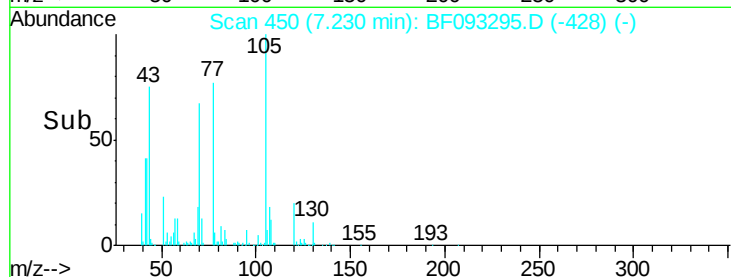
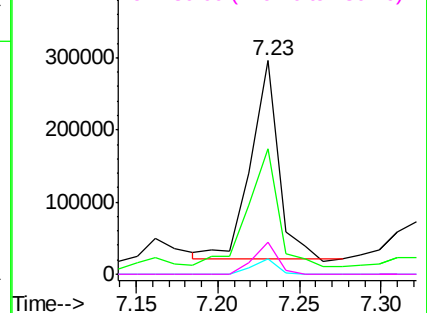


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.30 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion: 107 Resp: 382393

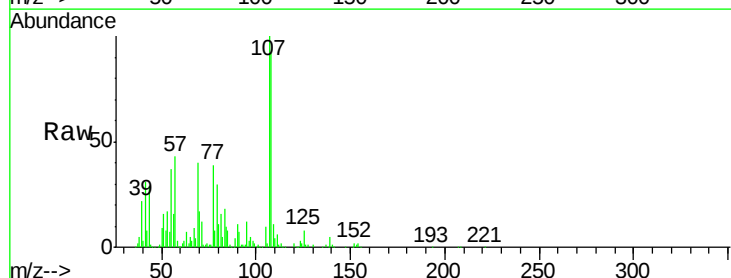
Ion Ratio Lower Upper

107 100

108 91.7 73.0 113.0

77 38.9 71.3 111.3#

79 30.1 11.1 51.1

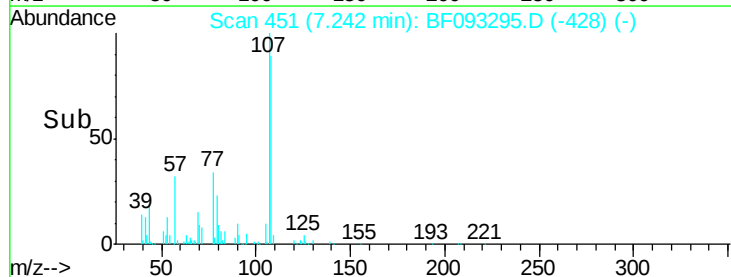
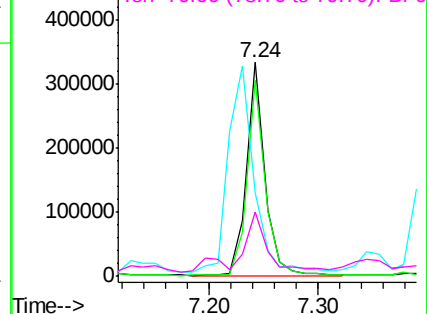


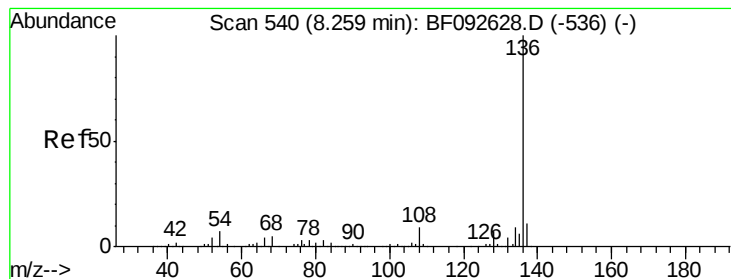
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

Tgt Ion:136 Resp: 466423

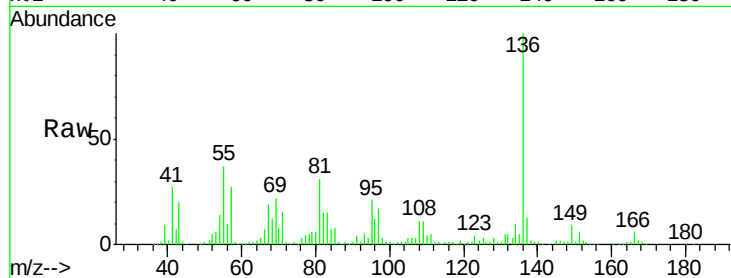
Ion Ratio Lower Upper

136 100

137 13.1 8.4 12.6#

54 13.8 4.5 6.7#

68 12.1 3.6 5.4#

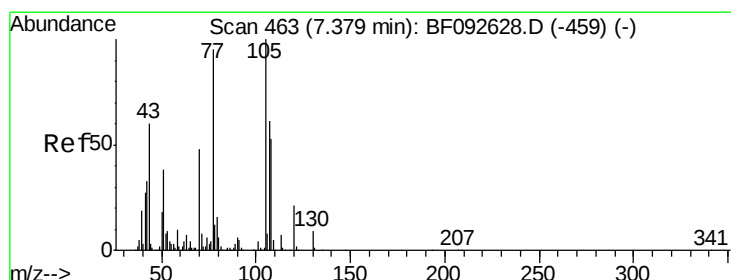
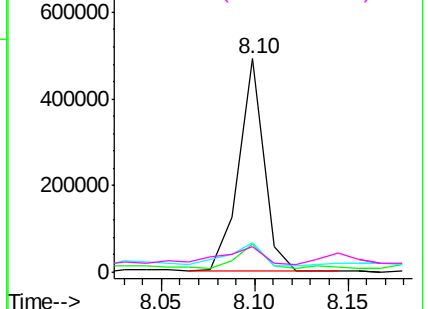
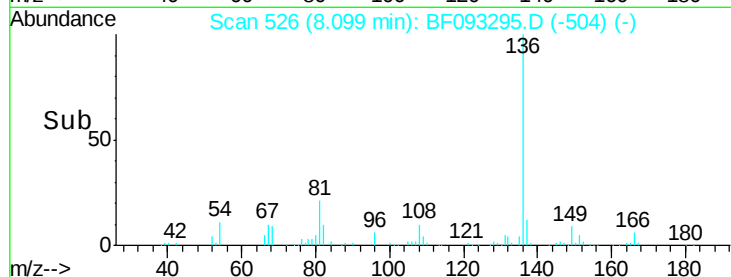


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.17 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion:105 Resp: 491641

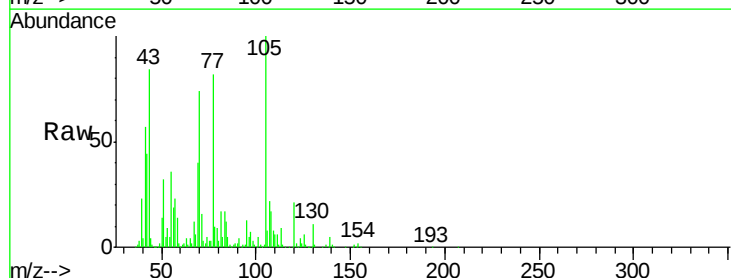
Ion Ratio Lower Upper

105 100

71 15.7 3.2 4.8#

51 31.7 26.2 39.4

120 21.0 16.6 24.8

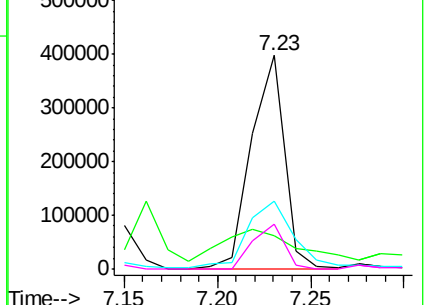
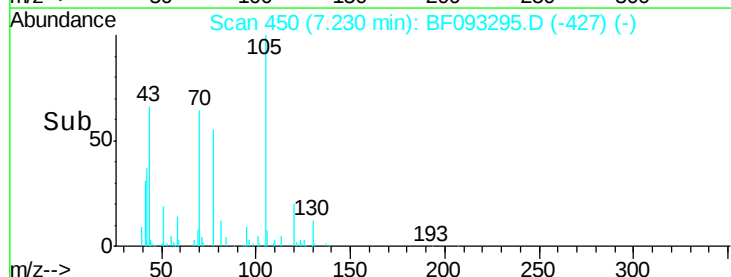


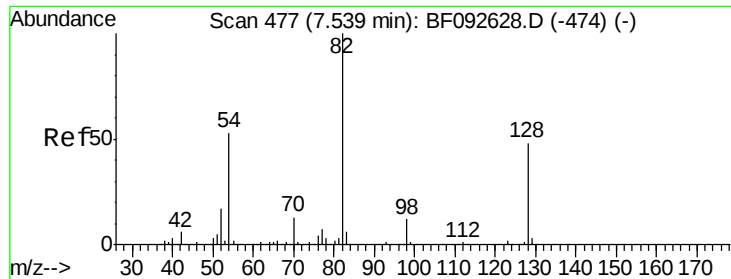
Abundance Ion 105.00 (104.70 to 105.70): E

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

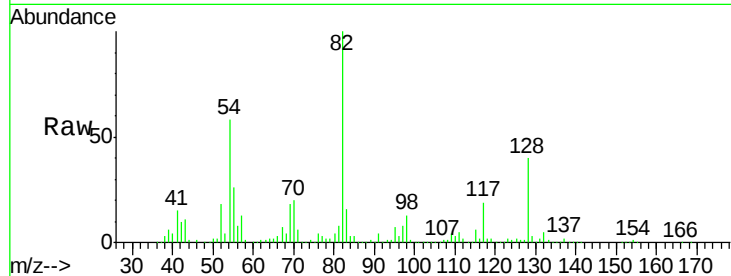




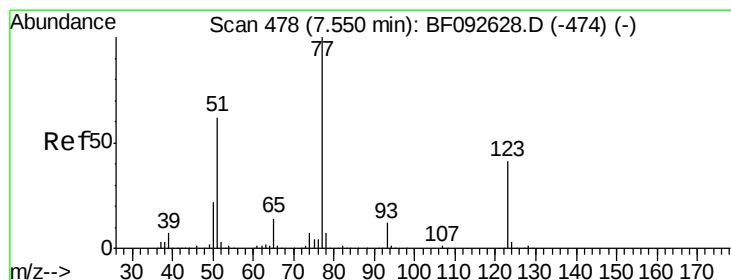
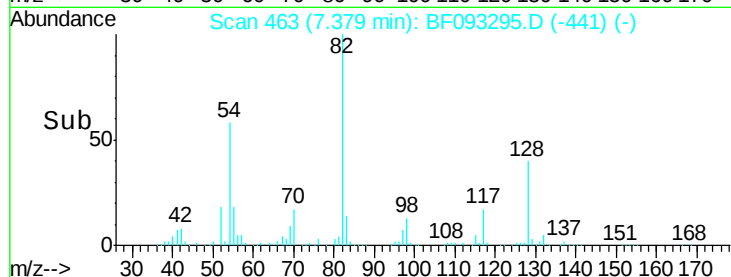
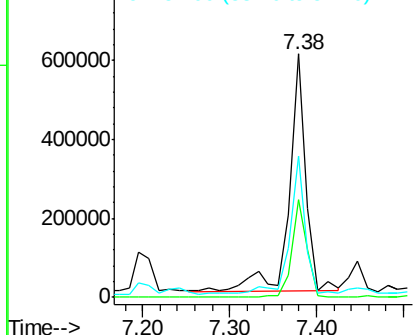
#23  
Nitrobenzene-d5  
Concen: 98.33 ng  
RT: 7.38 min Scan# 463  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.0  | 34.6  | 52.0  |
| 54      | 58.2  | 39.5  | 59.3  |

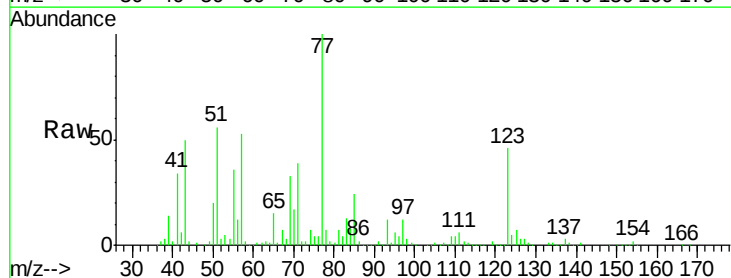


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

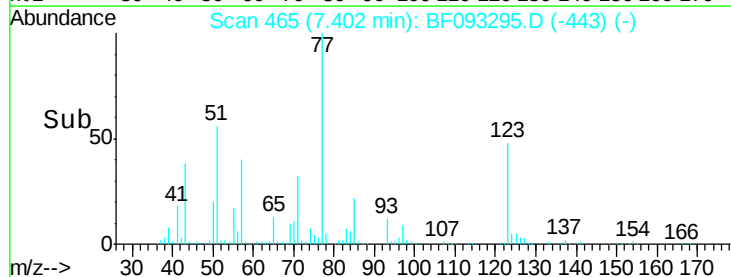
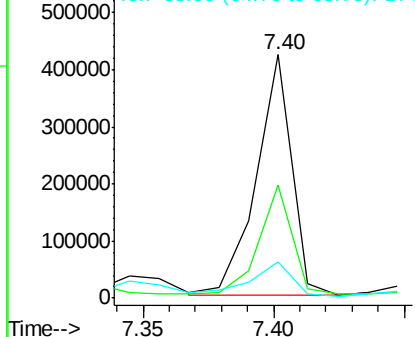


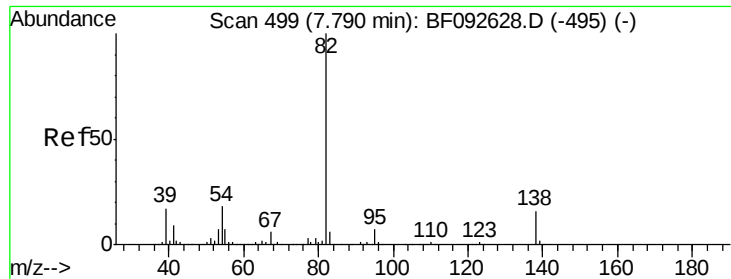
#24  
Nitrobenzene  
Concen: 46.31 ng  
RT: 7.40 min Scan# 465  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.5  | 33.0  | 49.4  |
| 65      | 14.9  | 11.2  | 16.8  |



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: 52.22 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

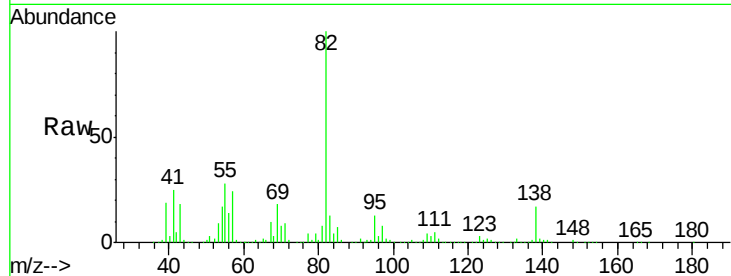
Tgt Ion: 82 Resp: 814984

Ion Ratio Lower Upper

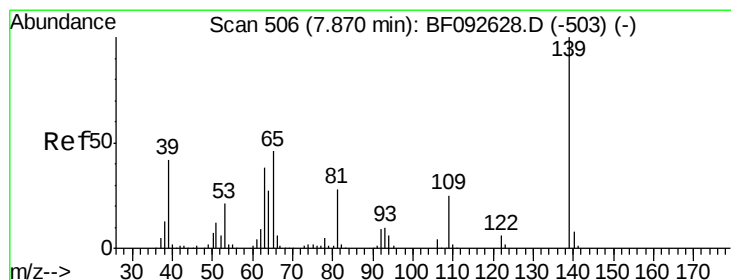
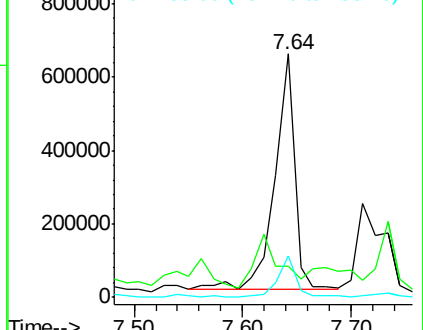
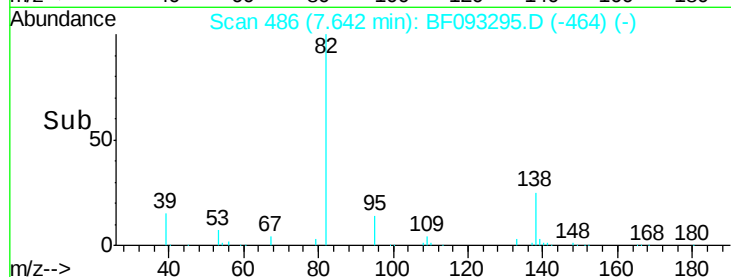
82 100

95 12.8 5.6 8.4#

138 17.0 14.6 22.0



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



#26

2-Nitrophenol

Concen: 45.17 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

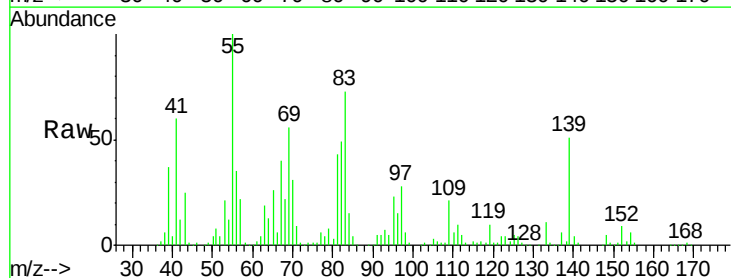
Tgt Ion: 139 Resp: 184676

Ion Ratio Lower Upper

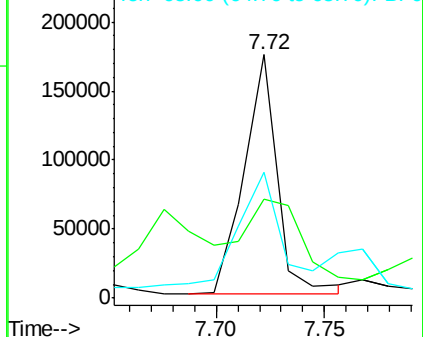
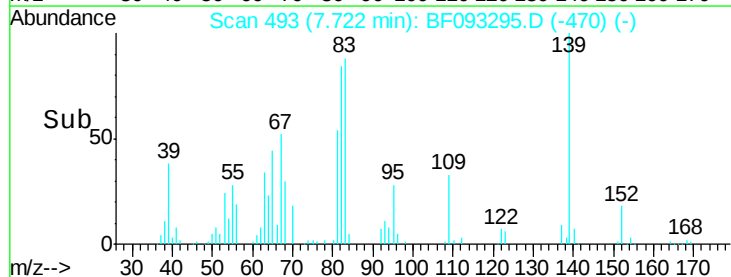
139 100

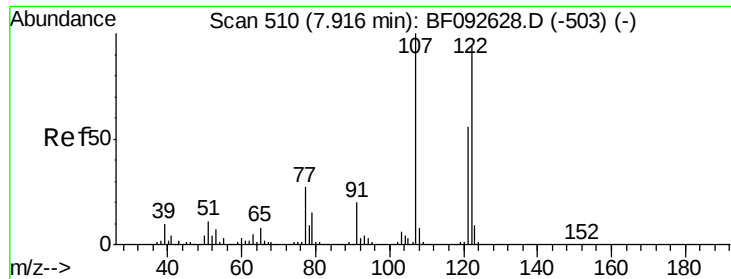
109 40.8 23.3 34.9#

65 51.4 42.7 64.1



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

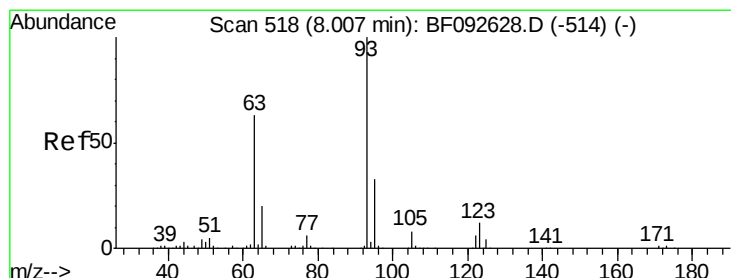
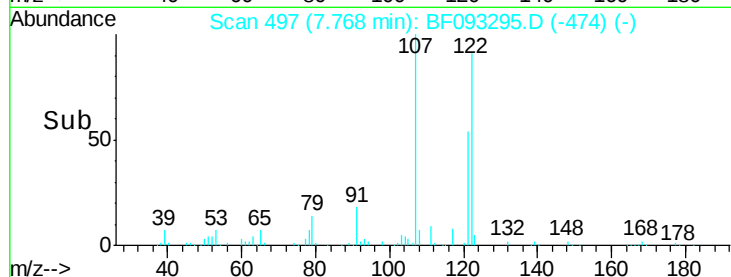
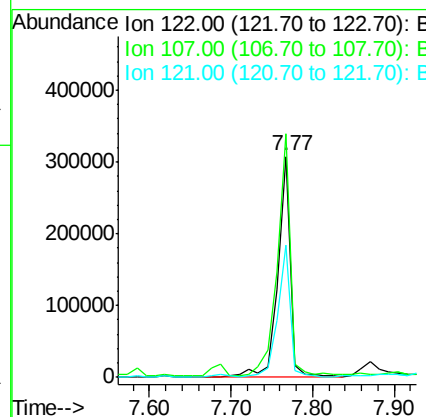
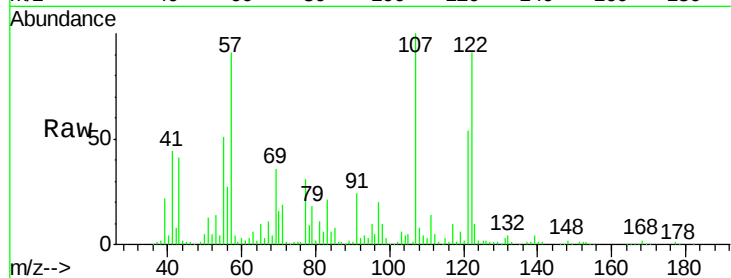




#27  
 2,4-Dimethylphenol  
 Concen: 46.62 ng  
 RT: 7.77 min Scan# 497  
 Delta R.T. -0.03 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

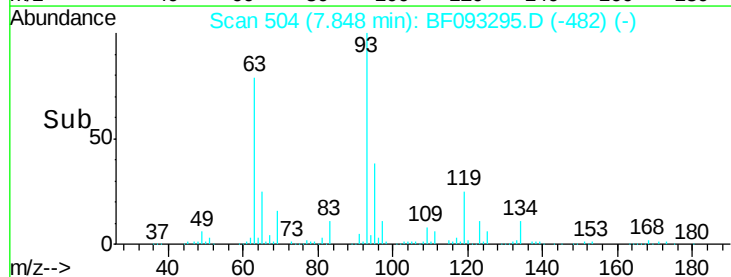
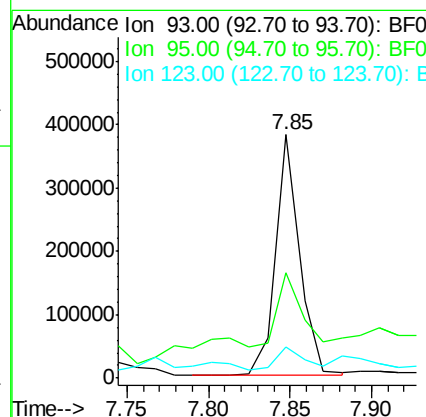
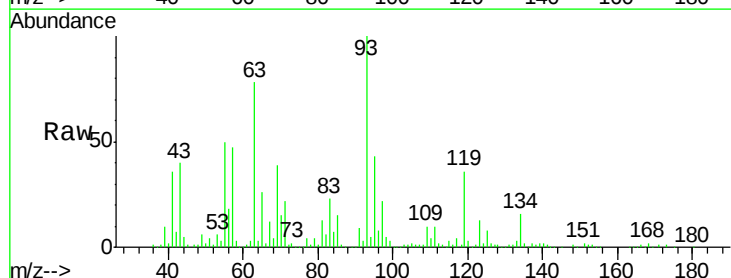
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

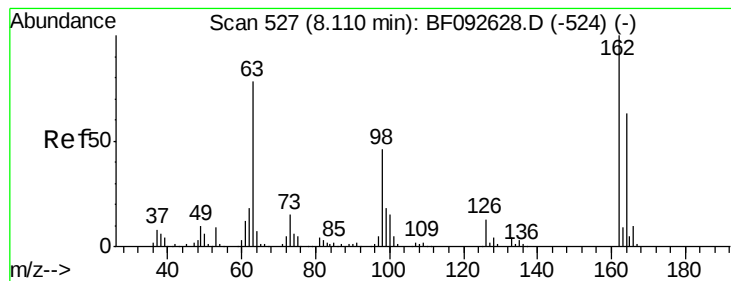
Tgt Ion:122 Resp: 334712  
 Ion Ratio Lower Upper  
 122 100  
 107 110.3 94.1 141.1  
 121 59.9 46.0 69.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.40 ng  
 RT: 7.85 min Scan# 504  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Tgt Ion: 93 Resp: 386641  
 Ion Ratio Lower Upper  
 93 100  
 95 43.1 26.5 39.7#  
 123 12.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 44.13 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

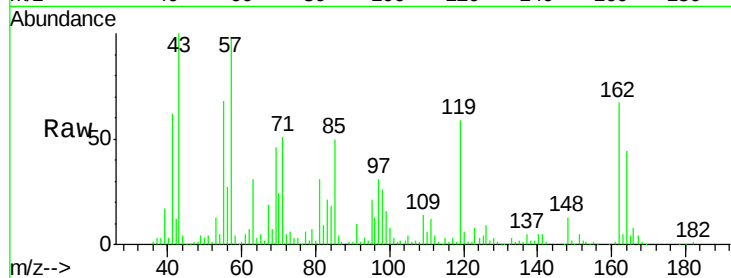
Tgt Ion:162 Resp: 295540

Ion Ratio Lower Upper

162 100

164 64.8 46.8 86.8

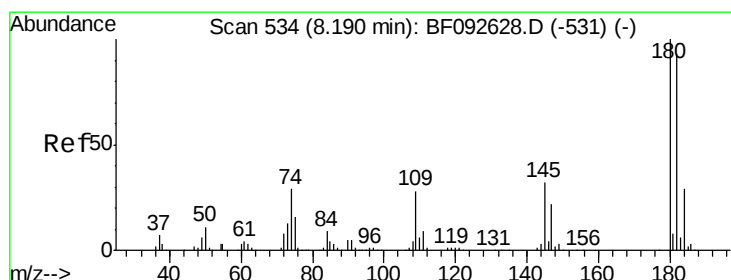
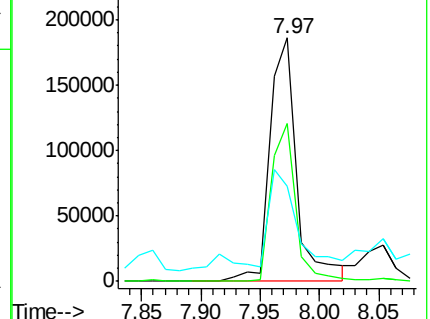
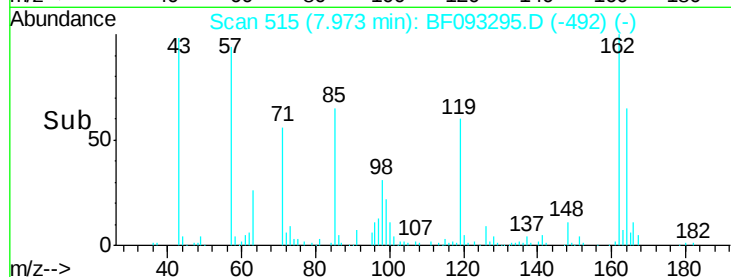
98 39.2 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.80 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

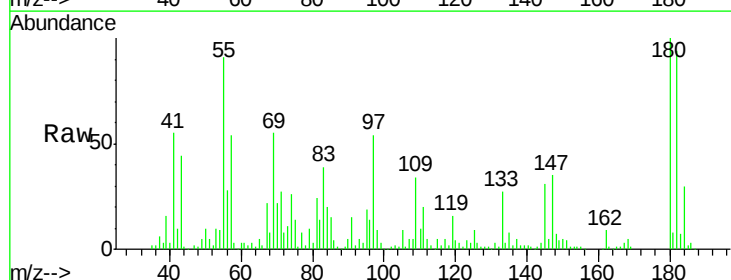
Tgt Ion:180 Resp: 265547

Ion Ratio Lower Upper

180 100

182 94.1 78.2 117.4

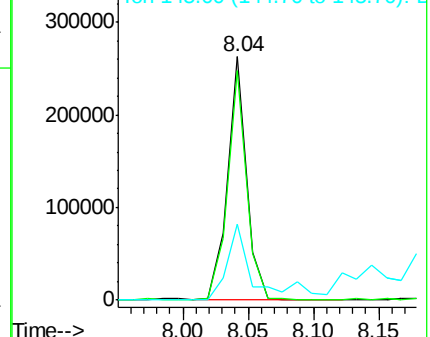
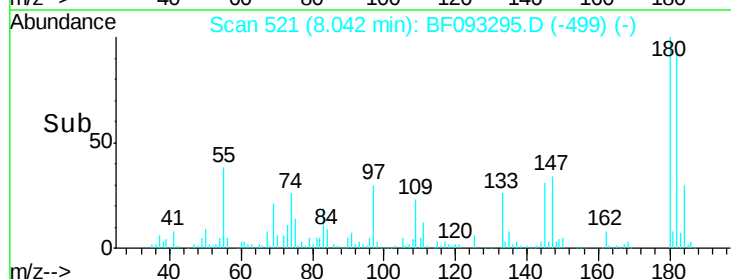
145 31.1 21.6 32.4

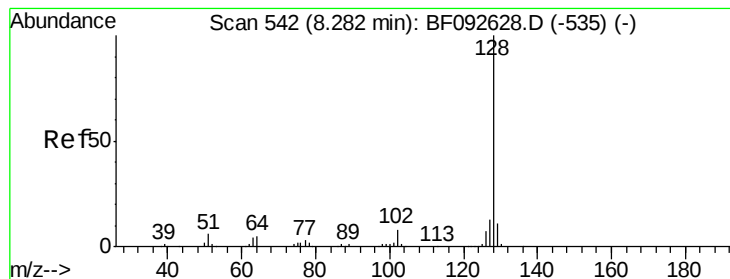


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.67 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

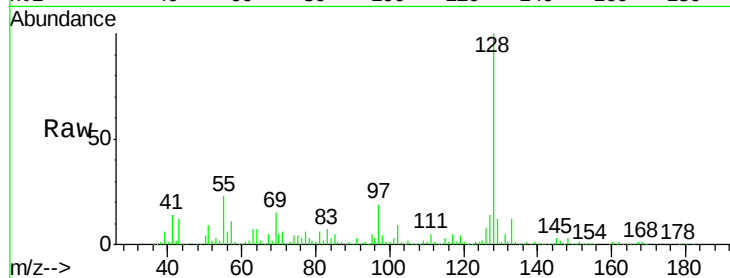
Tgt Ion:128 Resp: 1008987

Ion Ratio Lower Upper

128 100

129 12.3 9.5 14.3

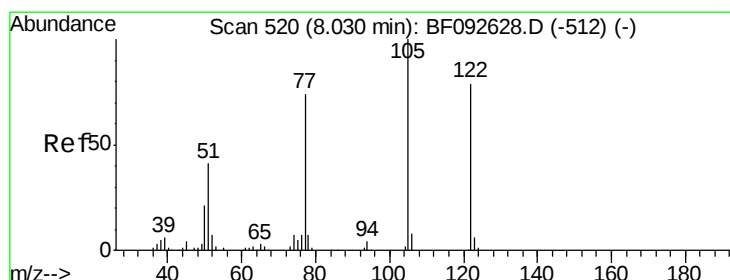
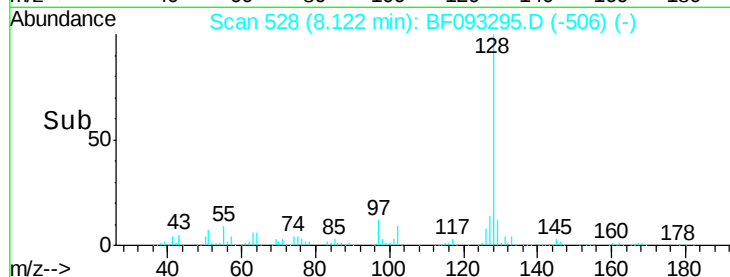
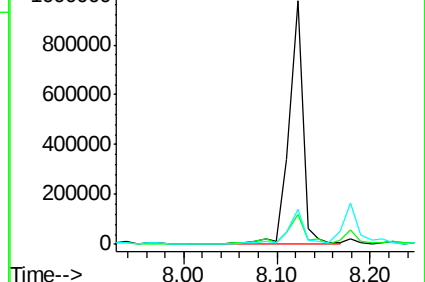
127 14.1 10.8 16.2



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: 15.51 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

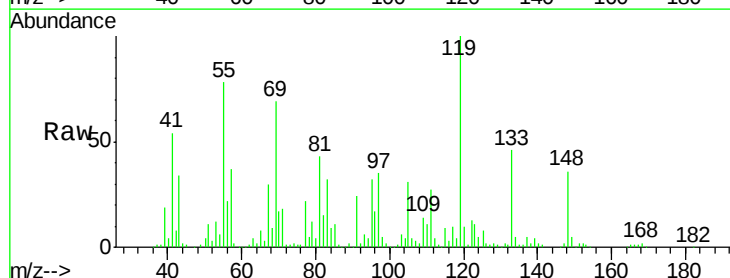
Tgt Ion:122 Resp: 39896

Ion Ratio Lower Upper

122 100

105 246.9 107.2 147.2#

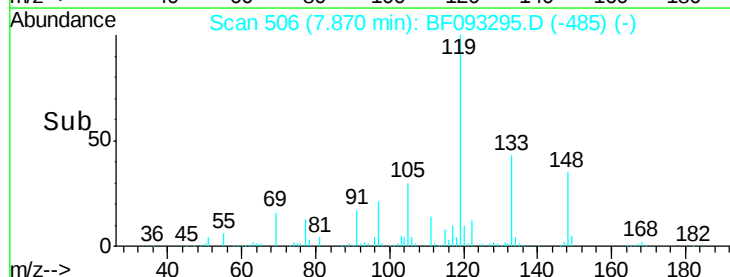
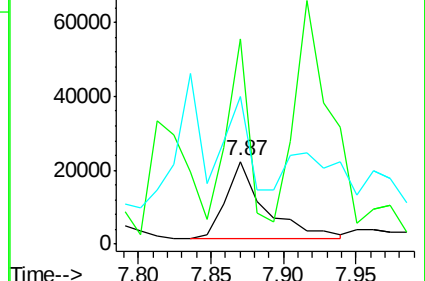
77 177.7 74.5 114.5#

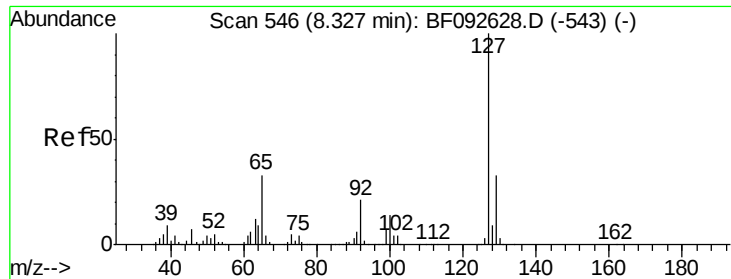


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

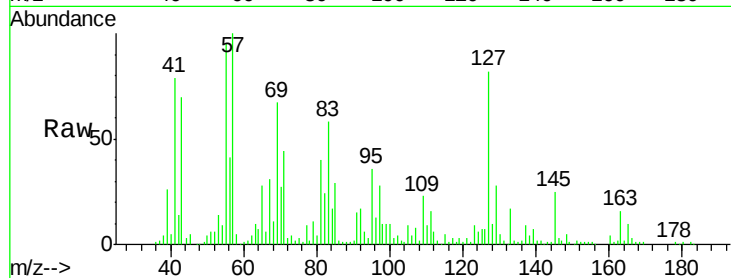




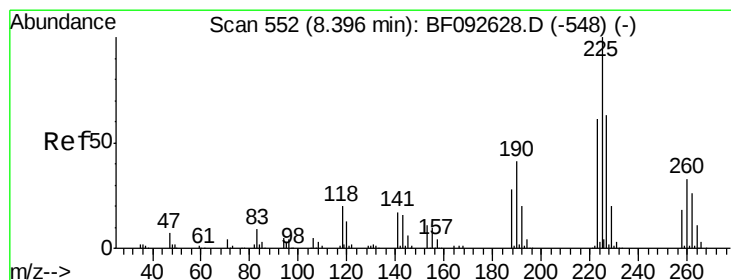
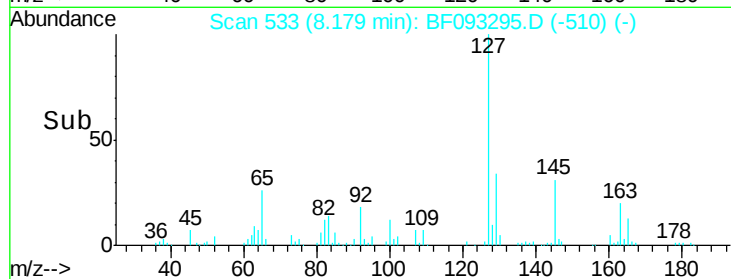
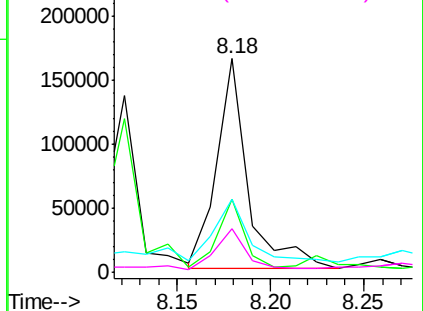
#33  
4-Chloroaniline  
Concen: 20.87 ng  
RT: 8.18 min Scan# 533  
Delta R.T. -0.03 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 193539 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 34.0  | 26.3  | 39.5   |
| 65       | 34.2  | 25.8  | 38.8   |
| 92       | 20.3  | 16.1  | 24.1   |

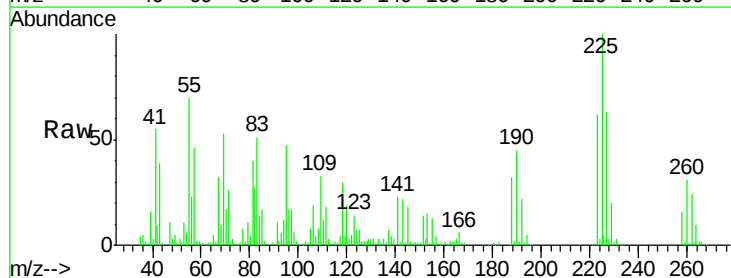


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

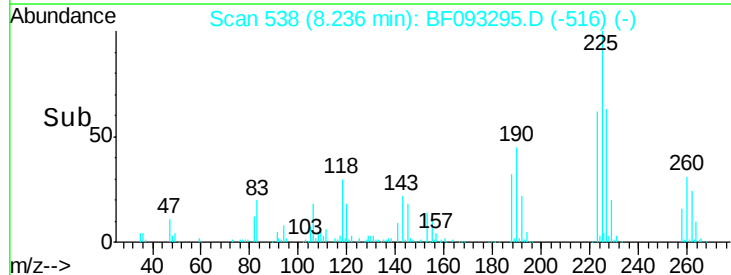
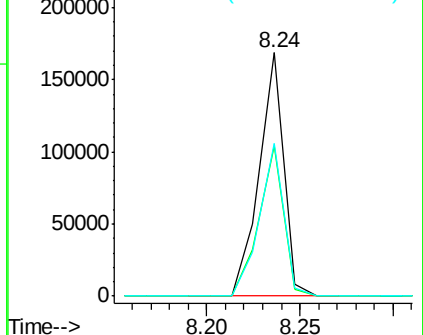


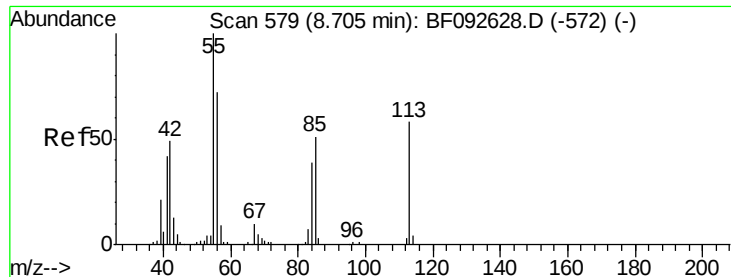
#34  
Hexachlorobutadiene  
Concen: 39.37 ng  
RT: 8.24 min Scan# 538  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 156308 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.8  | 51.0  | 76.6   |
| 227      | 62.7  | 50.6  | 76.0   |



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

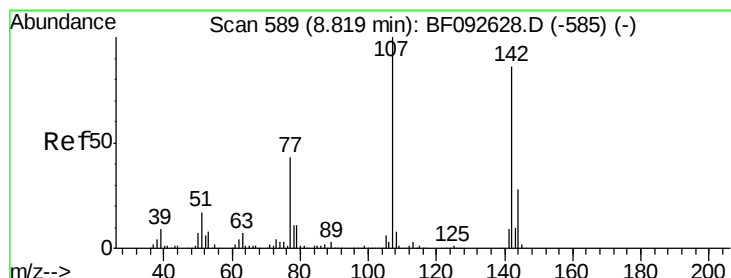
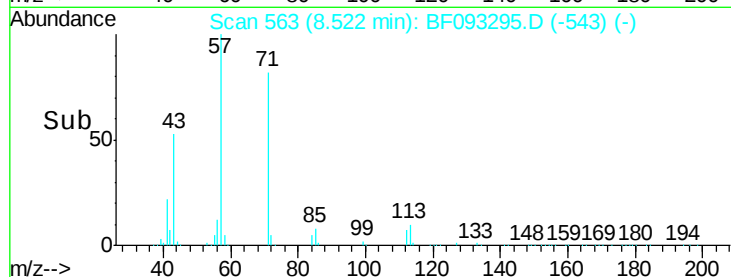
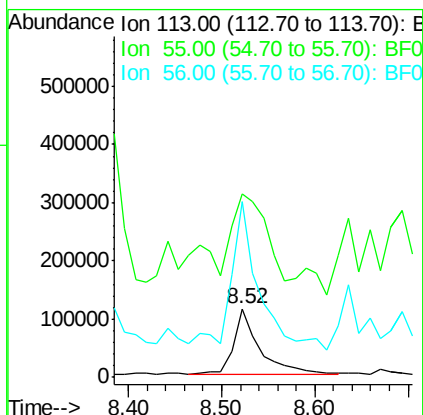
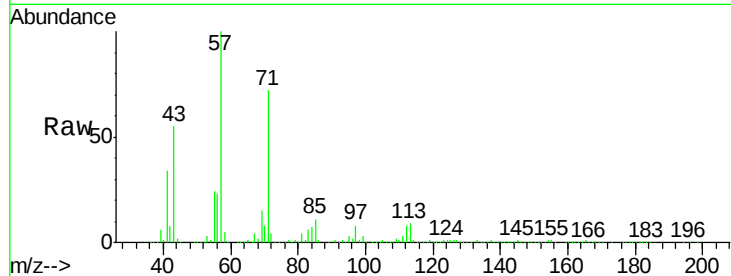




#35  
 Caprolactam  
 Concen: 109.18 ng  
 RT: 8.52 min Scan# 563  
 Delta R.T. -0.07 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

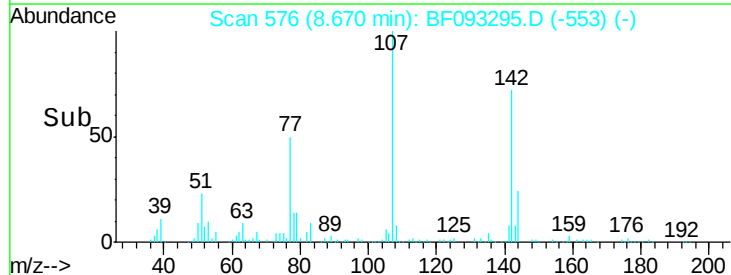
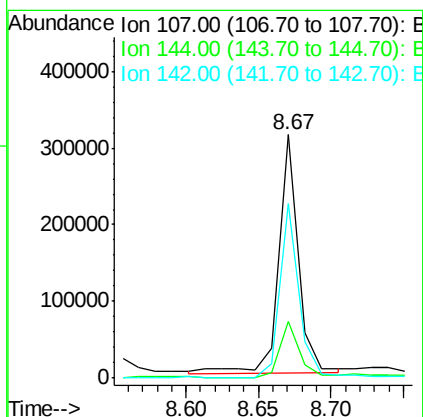
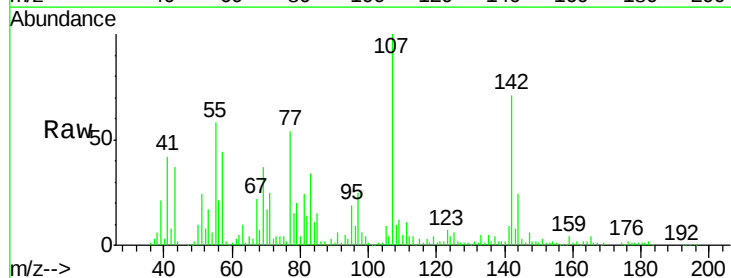
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

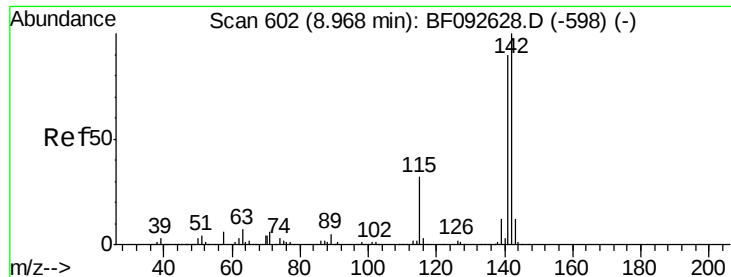
Tgt Ion:113 Resp: 229970  
 Ion Ratio Lower Upper  
 113 100  
 55 269.1 119.2 159.2#  
 56 257.7 83.8 123.8#



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.82 ng  
 RT: 8.67 min Scan# 576  
 Delta R.T. -0.03 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Tgt Ion:107 Resp: 291986  
 Ion Ratio Lower Upper  
 107 100  
 144 23.5 19.3 28.9  
 142 71.5 59.0 88.6

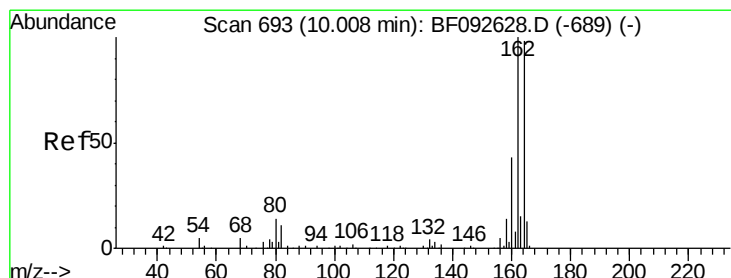
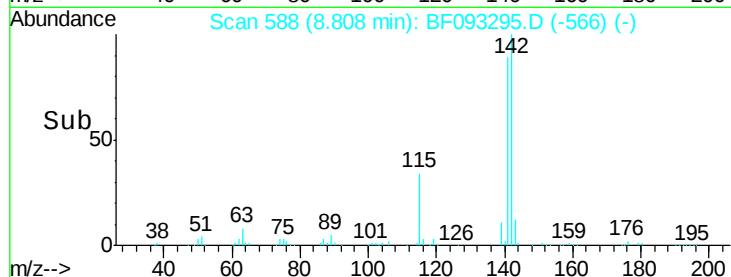
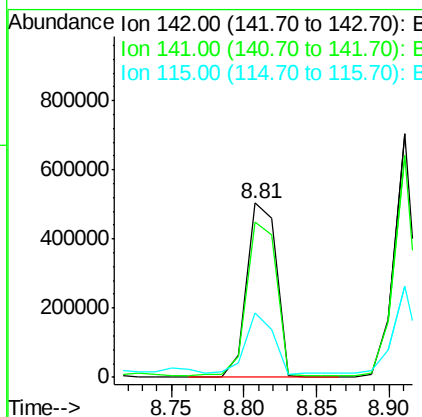
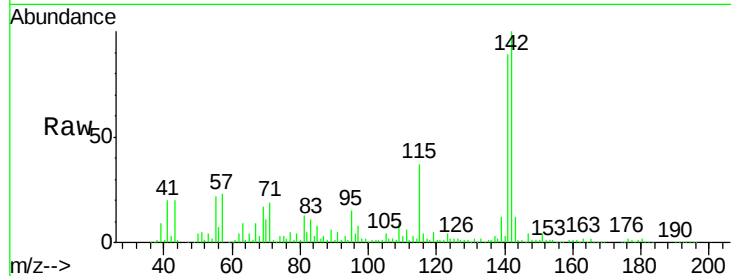




#37  
2-Methylnaphthalene  
Concen: 46.72 ng  
RT: 8.81 min Scan# 588  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

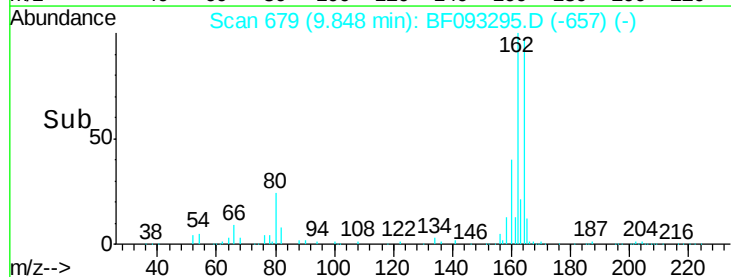
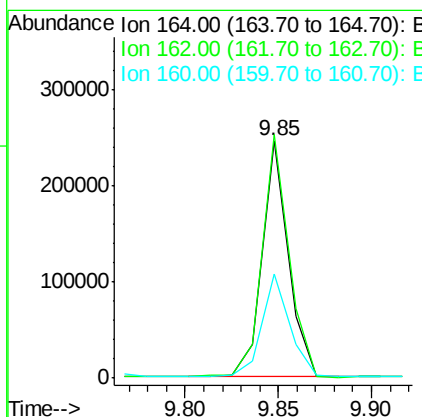
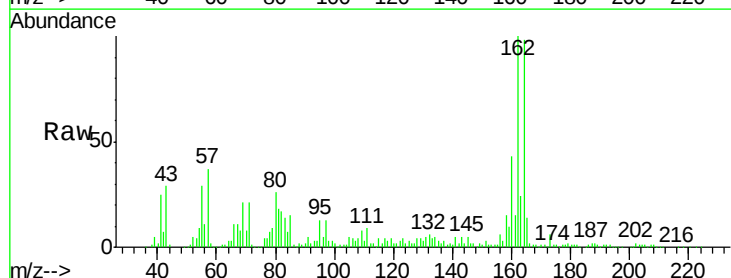
Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

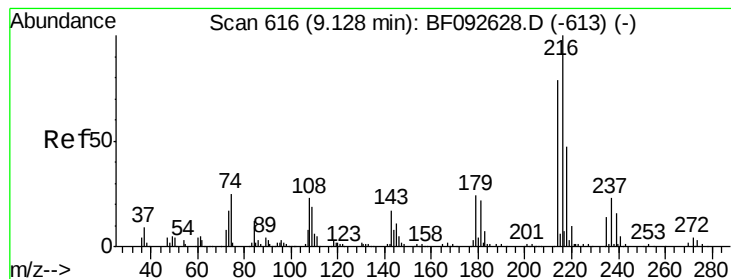
Tgt Ion:142 Resp: 709338  
Ion Ratio Lower Upper  
142 100  
141 89.2 71.0 106.6  
115 37.0 28.3 42.5



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.85 min Scan# 679  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion:164 Resp: 235183  
Ion Ratio Lower Upper  
164 100  
162 102.5 80.2 120.2  
160 43.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.14 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

Tgt Ion:216 Resp: 245167

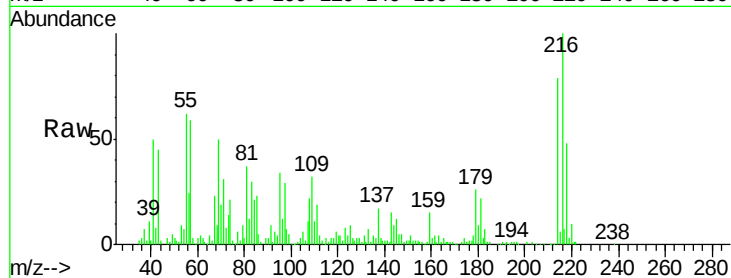
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 23.4 17.4 26.2

108 23.5 15.6 23.4#

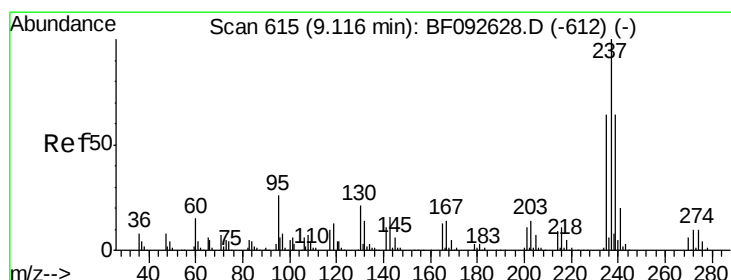
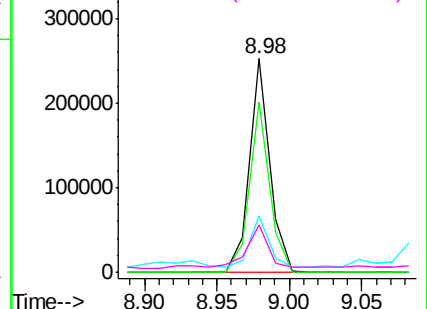
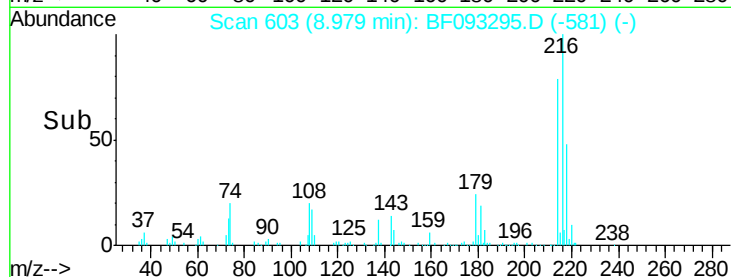


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 31.58 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

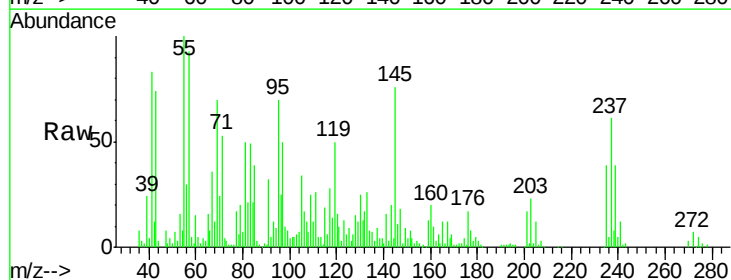
Tgt Ion:237 Resp: 94051

Ion Ratio Lower Upper

237 100

235 65.0 41.2 81.2

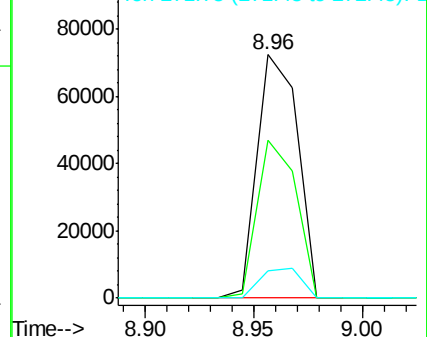
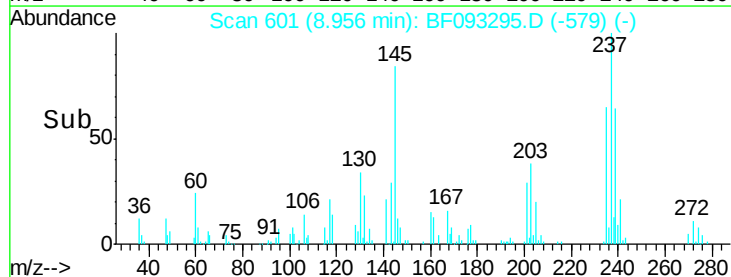
272 11.1 0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

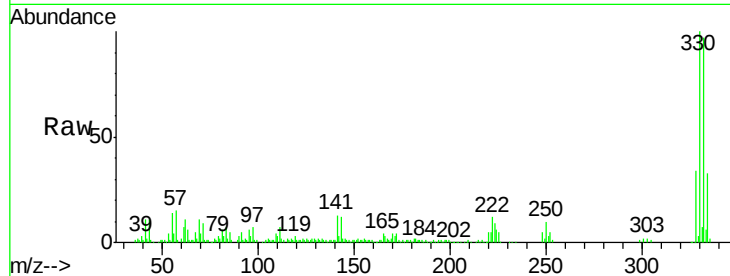




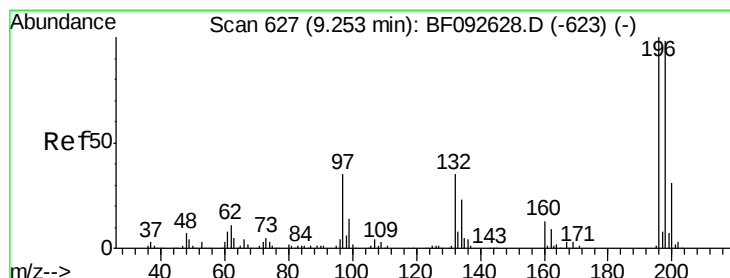
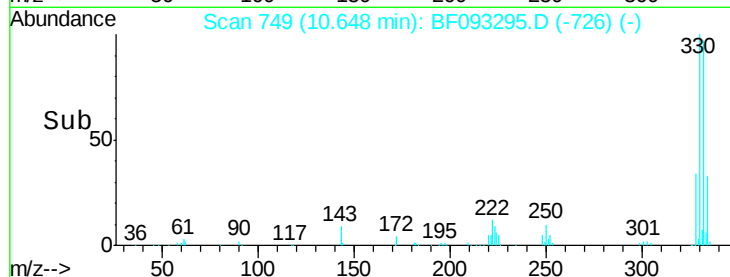
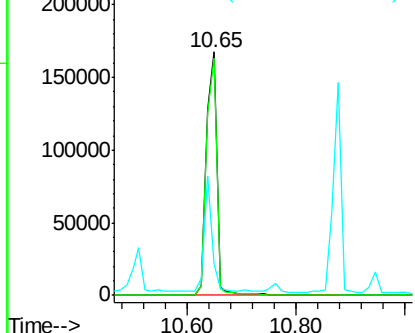
#41  
 2,4,6-Tribromophenol  
 Concen: 130.19 ng  
 RT: 10.65 min Scan# 749  
 Delta R.T. -0.03 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

Tgt Ion:330 Resp: 221444  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.4 116.2  
 141 35.7 34.1 51.1

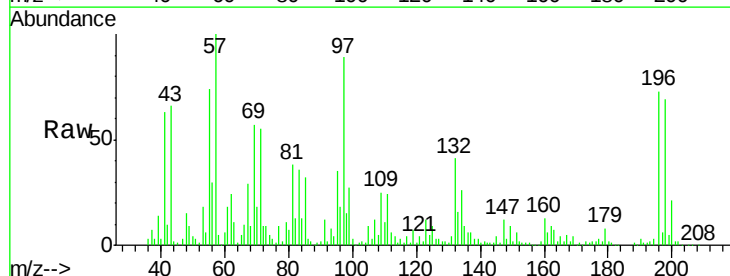


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

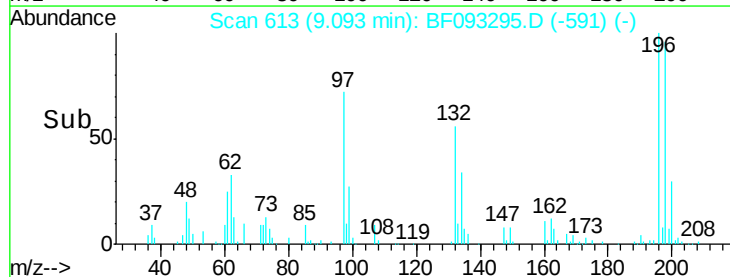
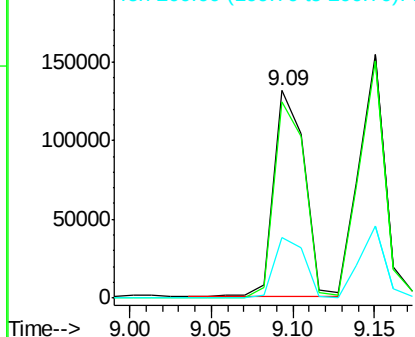


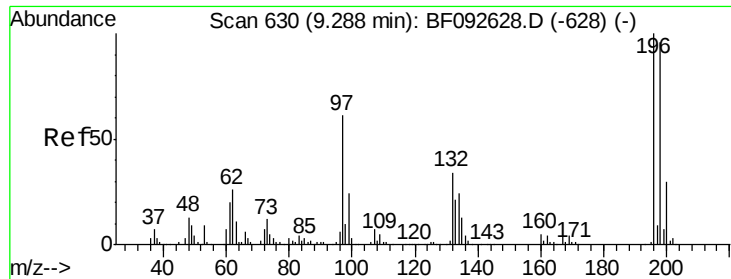
#42  
 2,4,6-Trichlorophenol  
 Concen: 39.31 ng  
 RT: 9.09 min Scan# 613  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Tgt Ion:196 Resp: 170539  
 Ion Ratio Lower Upper  
 196 100  
 198 94.6 82.1 123.1  
 200 29.4 27.0 40.4



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

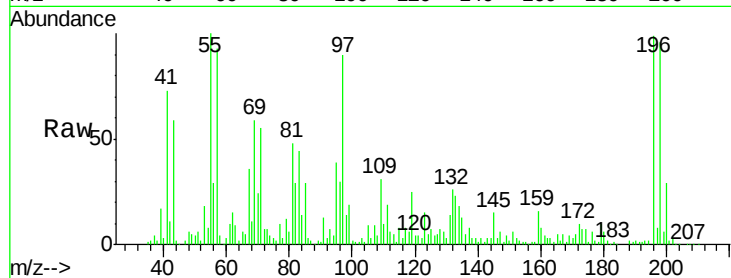




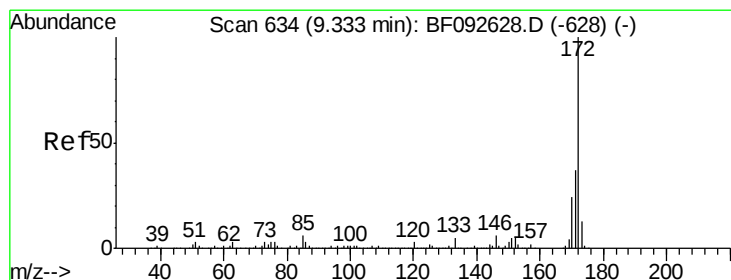
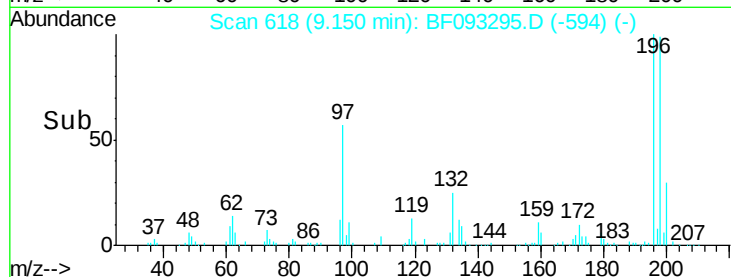
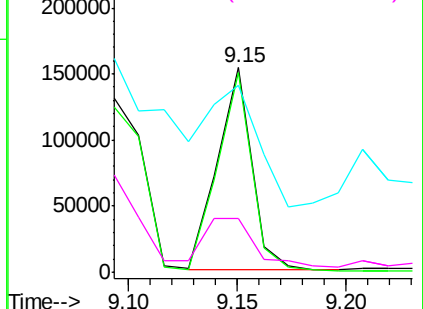
#43  
2,4,5-Trichlorophenol  
Concen: 35.33 ng  
RT: 9.15 min Scan# 618  
Delta R.T. -0.02 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

Tgt Ion:196 Resp: 167929  
Ion Ratio Lower Upper  
196 100  
198 97.7 79.4 119.2  
97 91.6 51.5 77.3#  
132 26.6 27.4 41.2#

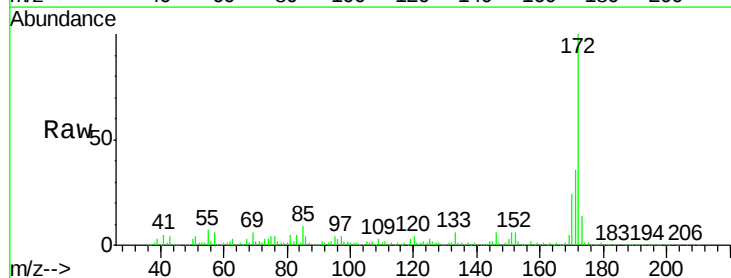


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BF0  
Ion 132.00 (131.70 to 132.70): E

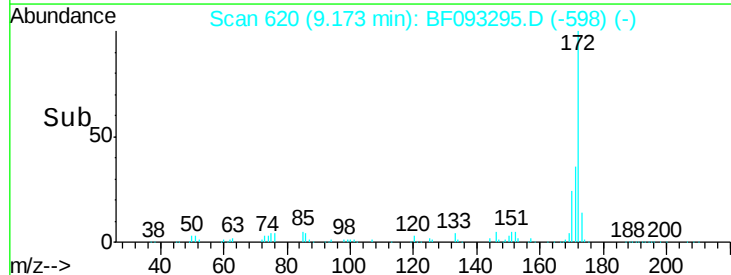
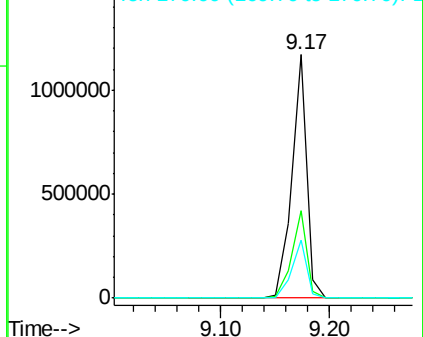


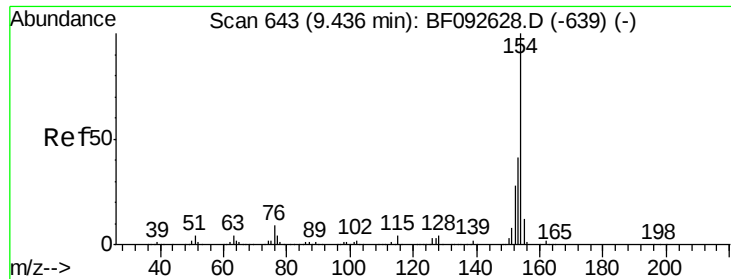
#44  
2-Fluorobiphenyl  
Concen: 86.64 ng  
RT: 9.17 min Scan# 620  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion:172 Resp: 1124723  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.4 44.0  
170 23.9 20.2 30.4



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

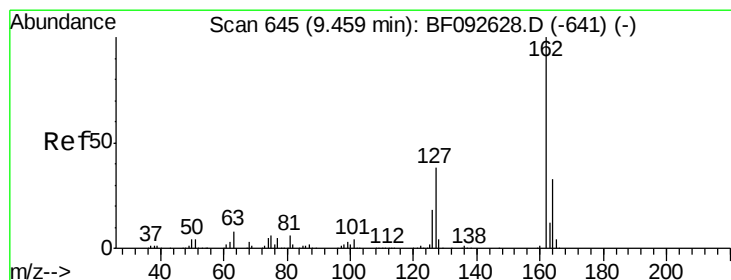
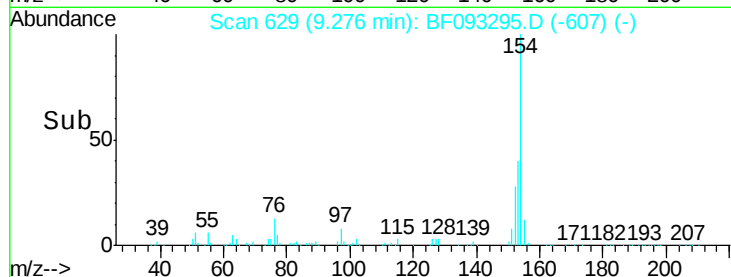
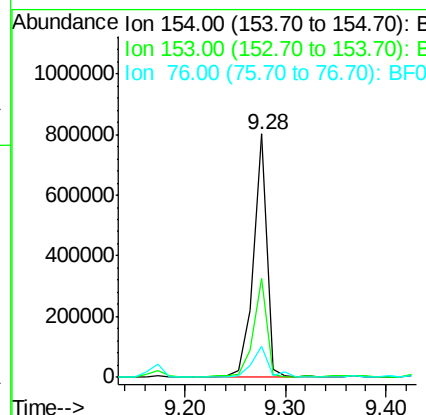
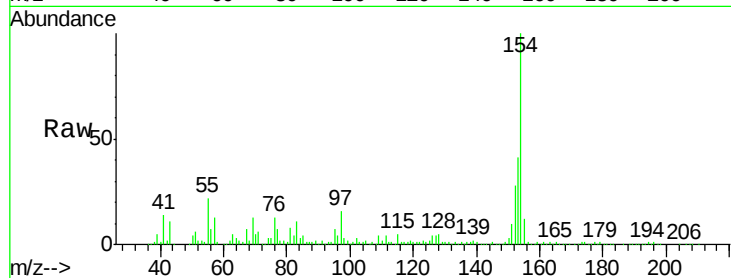




#45  
 1,1'-Biphenyl  
 Concen: 43.12 ng  
 RT: 9.28 min Scan# 629  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

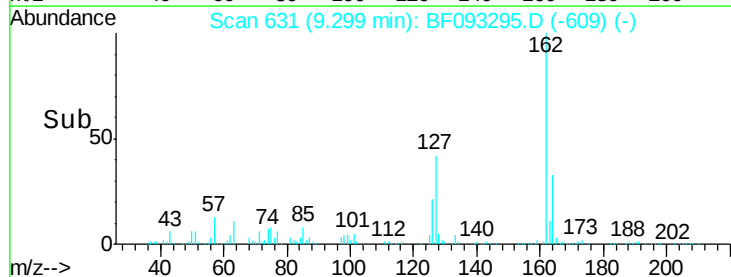
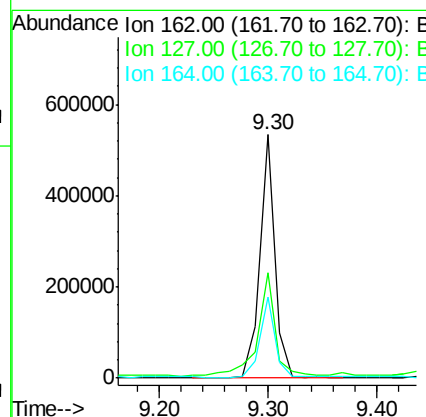
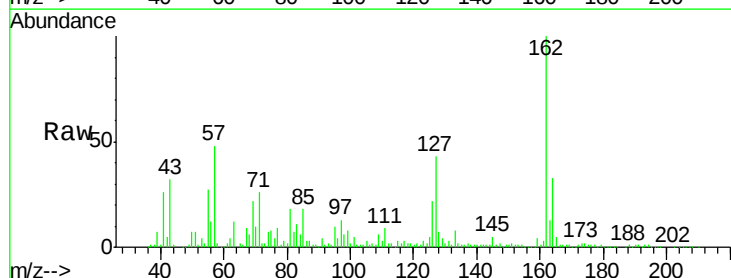
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

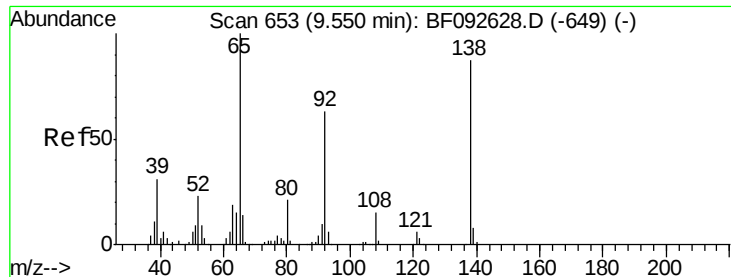
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 734399 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 40.6  | 20.9  | 60.9   |
| 76       | 12.6  | 0.0   | 30.5   |



#46  
 2-Chloronaphthalene  
 Concen: 38.72 ng  
 RT: 9.30 min Scan# 631  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 515767 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 43.2  | 30.7  | 46.1   |
| 164      | 33.1  | 27.6  | 41.4   |

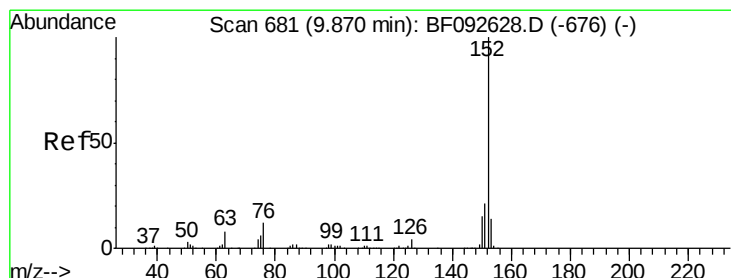
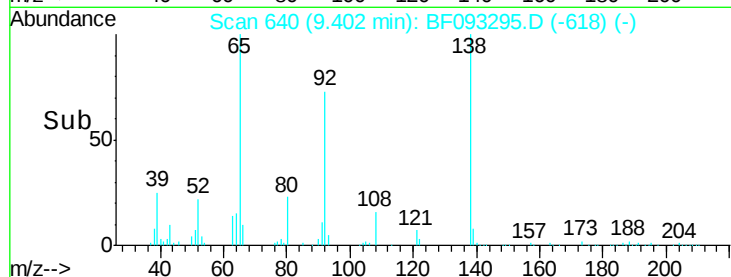
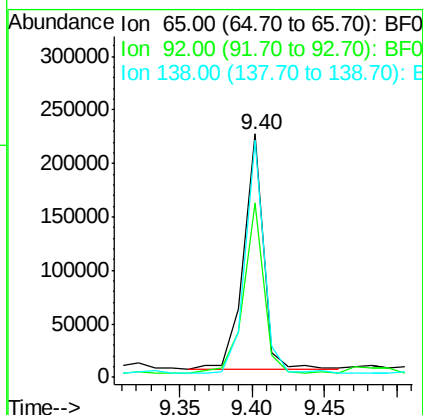
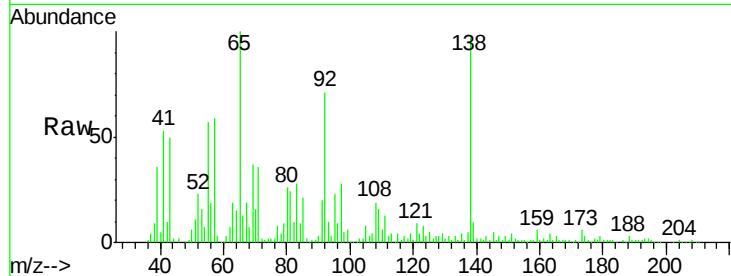




#47  
2-Nitroaniline  
Concen: 46.12 ng  
RT: 9.40 min Scan# 640  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

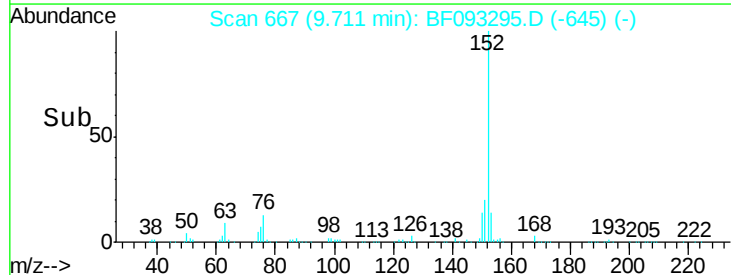
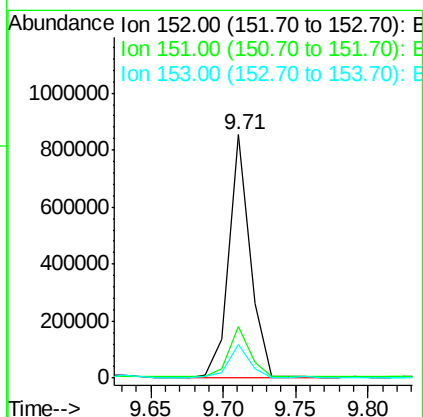
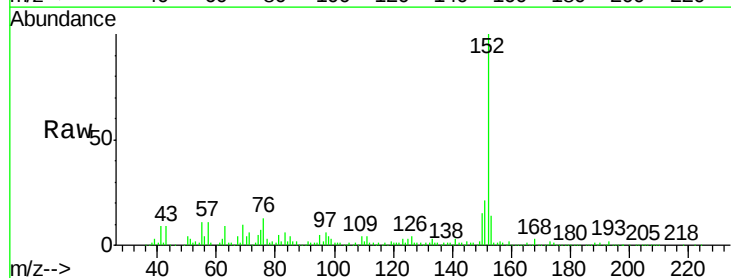
Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

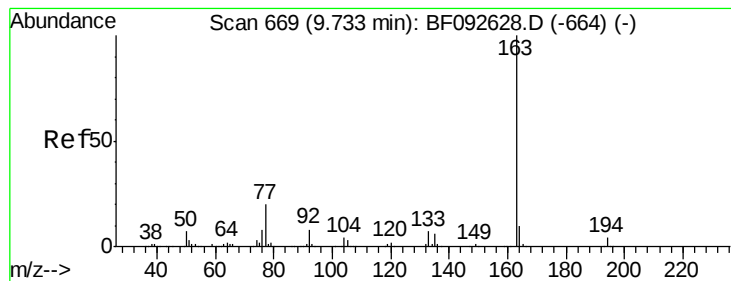
Tgt Ion: 65 Resp: 206563  
Ion Ratio Lower Upper  
65 100  
92 71.5 53.9 80.9  
138 97.2 76.8 115.2



#48  
Acenaphthylene  
Concen: 37.42 ng  
RT: 9.71 min Scan# 667  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion: 152 Resp: 861147  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.9 25.3  
153 14.0 11.4 17.2





#49

Dimethylphthalate

Concen: 39.28 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

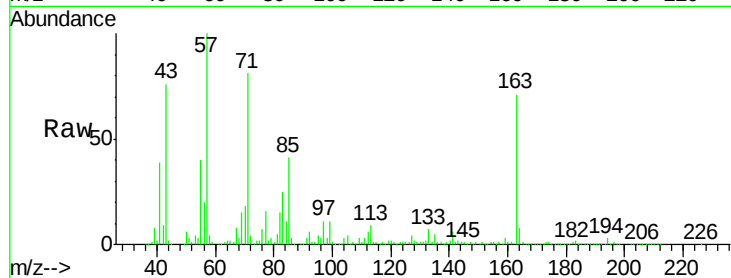
Tgt Ion:163 Resp: 622240

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

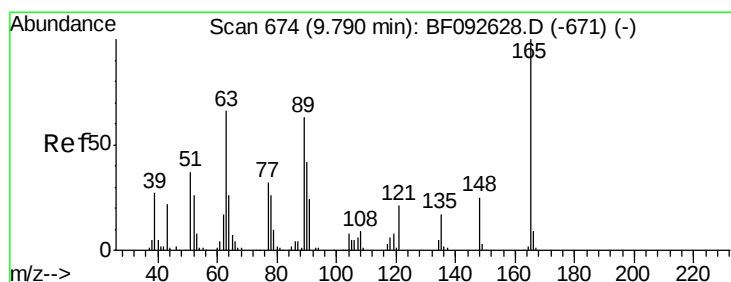
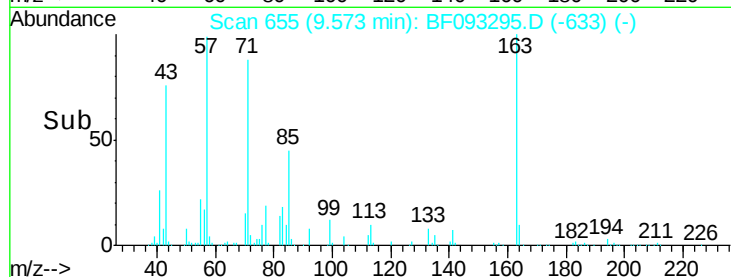
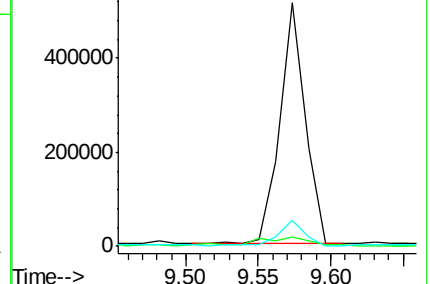
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.83 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

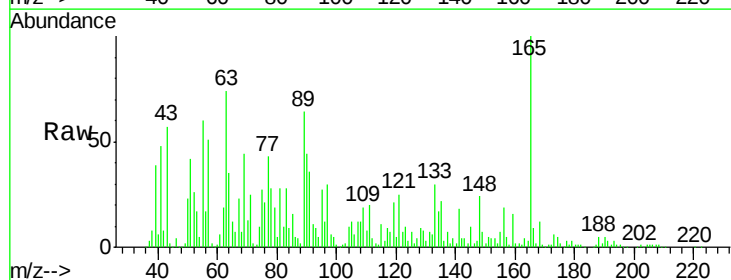
Tgt Ion:165 Resp: 139688

Ion Ratio Lower Upper

165 100

63 74.1 36.2 54.4#

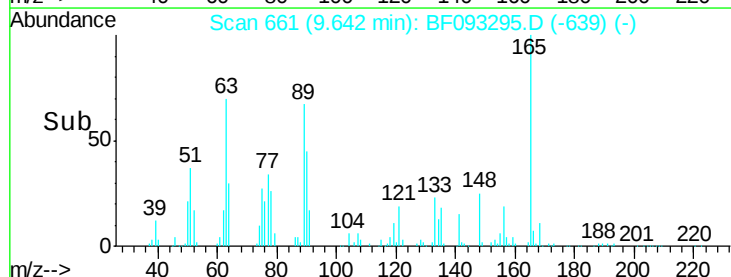
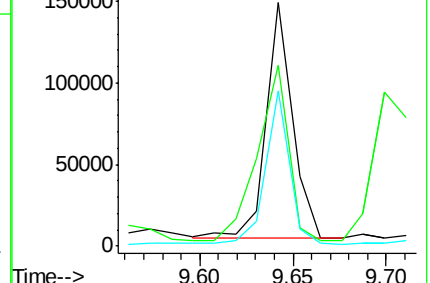
89 63.9 40.2 60.4#

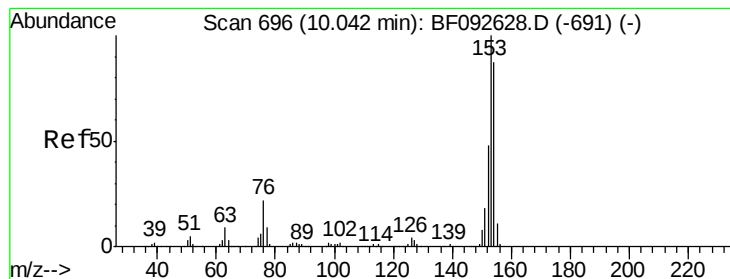


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.41 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

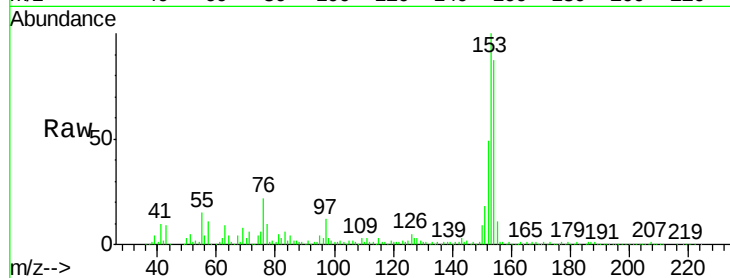
Tgt Ion:154 Resp: 514780

Ion Ratio Lower Upper

154 100

153 114.3 88.6 133.0

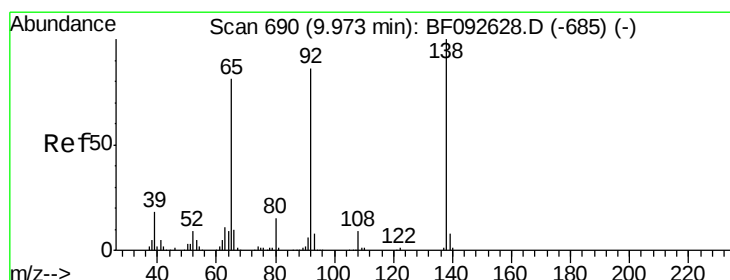
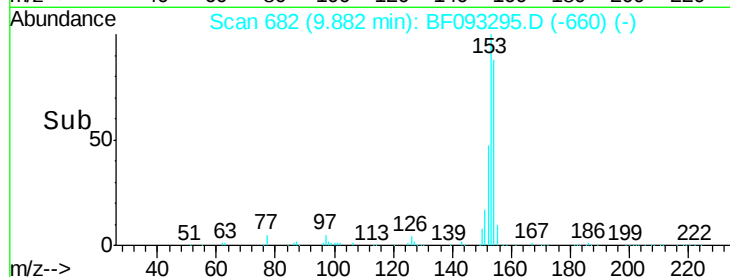
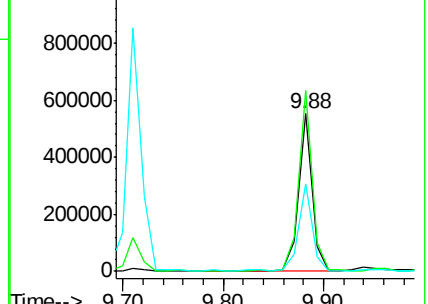
152 55.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.05 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

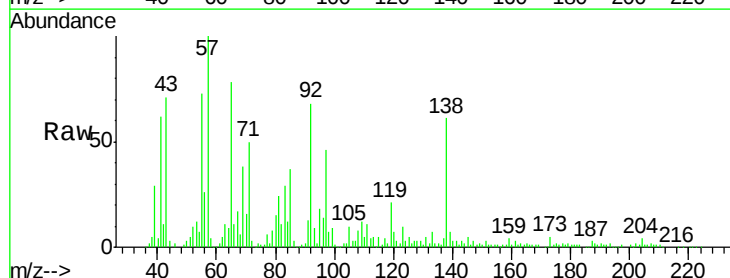
Tgt Ion:138 Resp: 113749

Ion Ratio Lower Upper

138 100

108 12.3 8.5 12.7

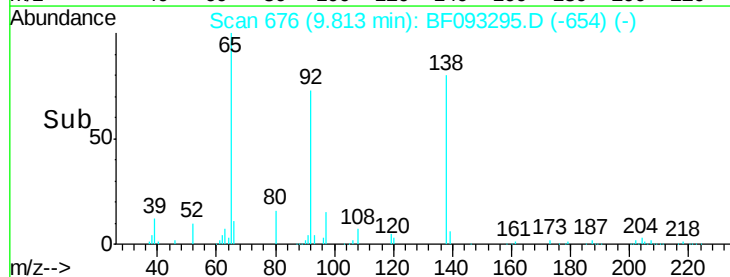
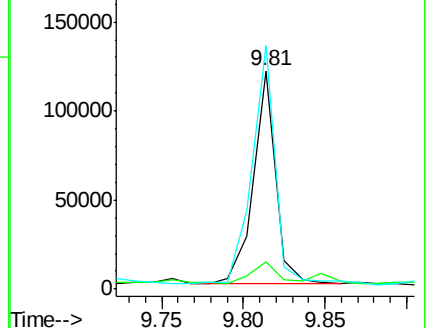
92 111.6 97.8 146.8

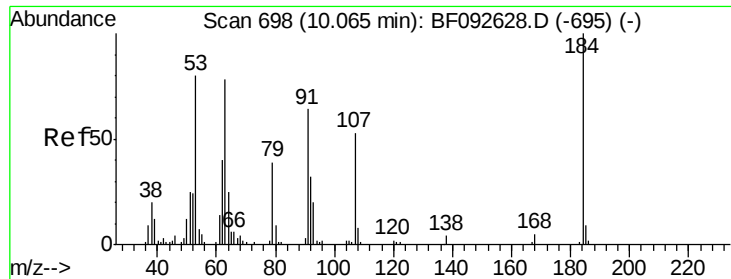


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

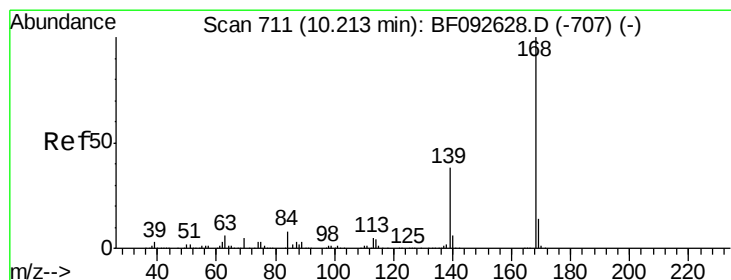
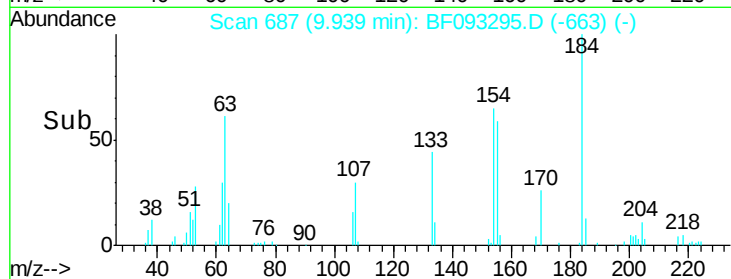
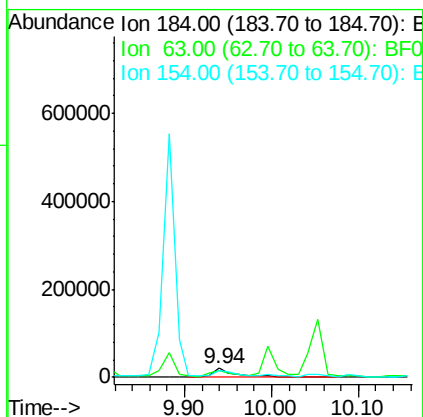
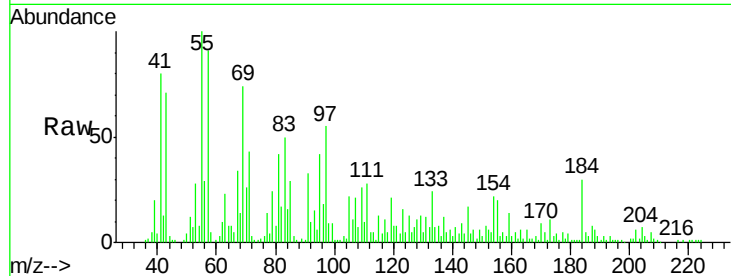




#53  
2,4-Dinitrophenol  
Concen: 26.24 ng  
RT: 9.94 min Scan# 687  
Delta R.T. -0.02 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

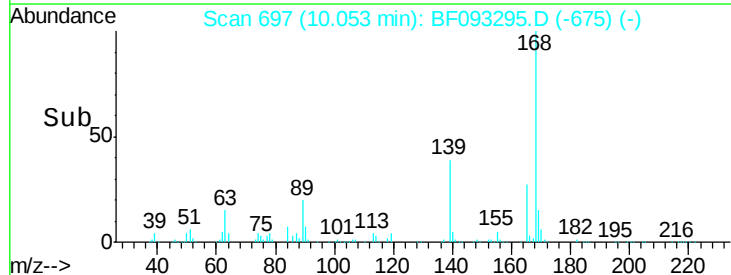
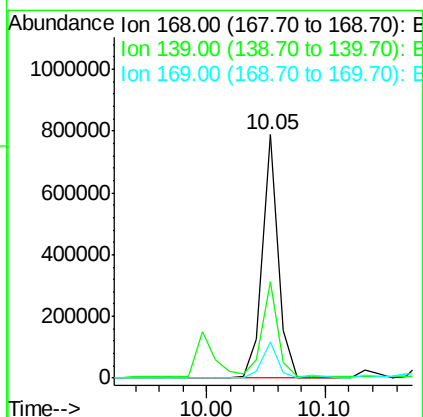
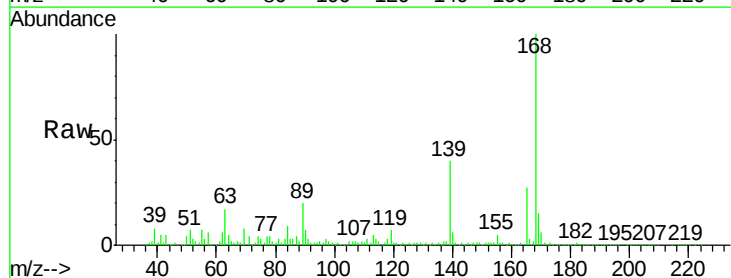
Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

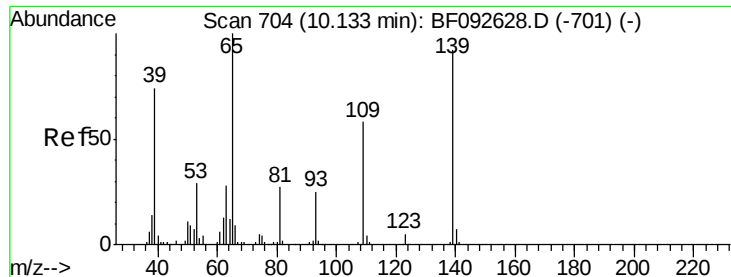
Tgt Ion:184 Resp: 39782  
Ion Ratio Lower Upper  
184 100  
63 75.5 28.4 42.6#  
154 73.5 44.3 66.5#



#54  
Dibenzofuran  
Concen: 40.03 ng  
RT: 10.05 min Scan# 697  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion:168 Resp: 736710  
Ion Ratio Lower Upper  
168 100  
139 39.5 32.6 49.0  
169 15.0 11.3 16.9

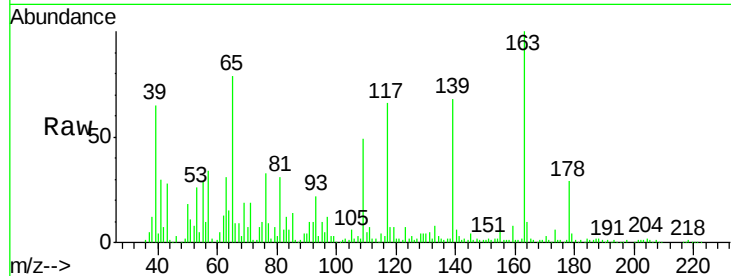




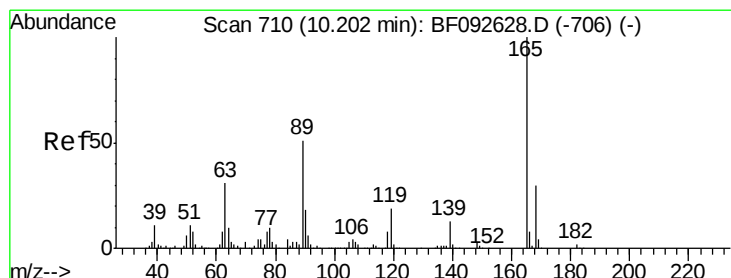
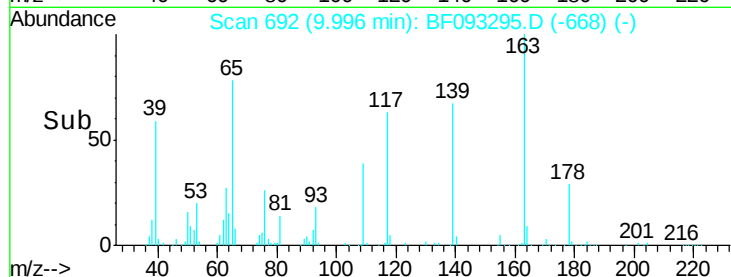
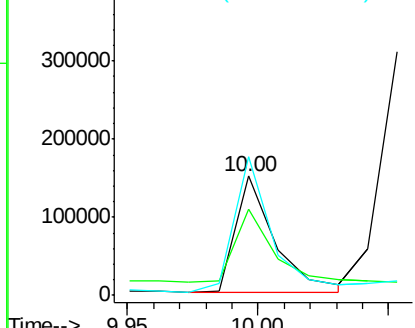
#55  
4-Nitrophenol  
Concen: 56.68 ng  
RT: 10.00 min Scan# 692  
Delta R.T. -0.02 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

Tgt Ion:139 Resp: 159839  
Ion Ratio Lower Upper  
139 100  
109 72.8 52.2 92.2  
65 116.3 85.8 125.8



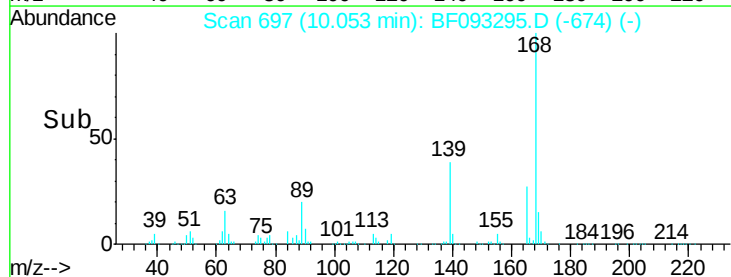
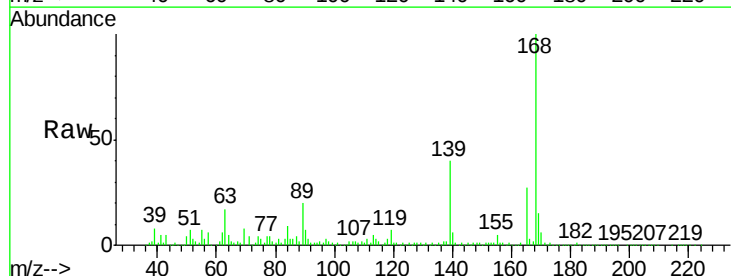
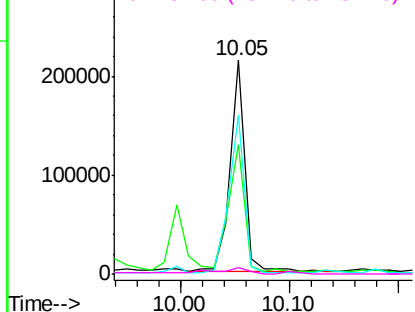
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

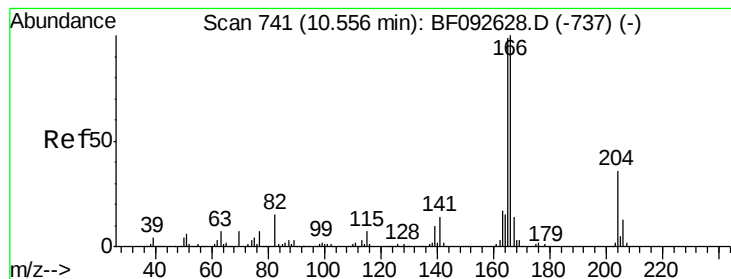


#56  
2,4-Dinitrotoluene  
Concen: 42.91 ng  
RT: 10.05 min Scan# 697  
Delta R.T. -0.03 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion:165 Resp: 195425  
Ion Ratio Lower Upper  
165 100  
63 60.7 40.2 60.4#  
89 74.3 62.5 93.7  
182 2.8 1.8 2.8#

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





#57

Fluorene

Concen: 45.49 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

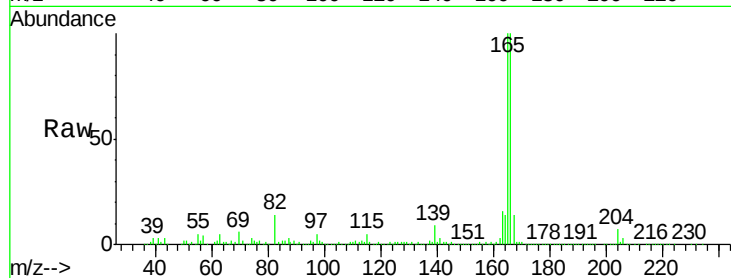
Tgt Ion:166 Resp: 644055

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

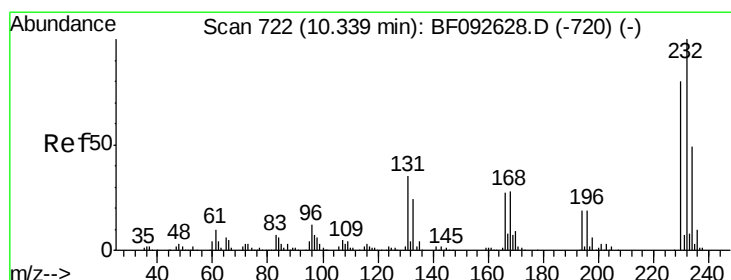
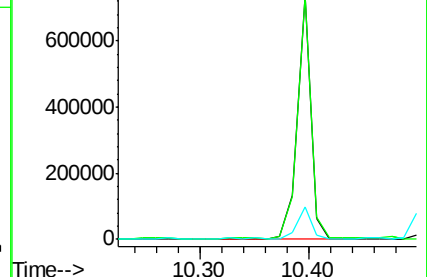
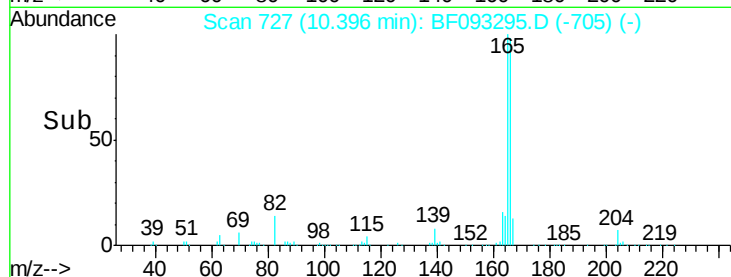
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.96 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion:232 Resp: 142551

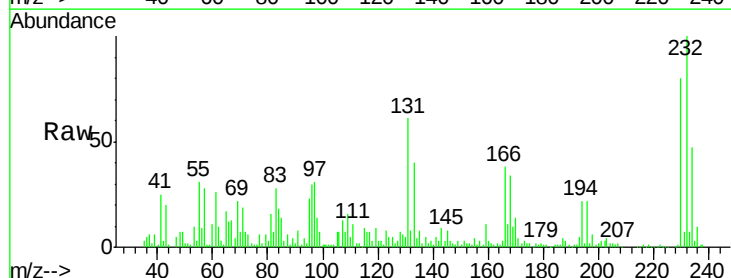
Ion Ratio Lower Upper

232 100

131 55.9 40.1 60.1

130 5.8 1.8 2.8#

166 31.0 26.6 39.8

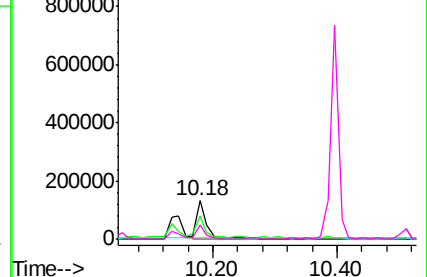
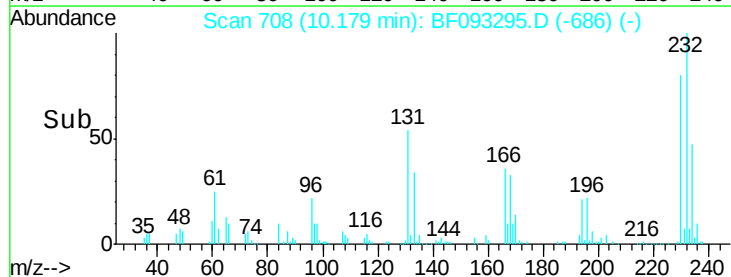


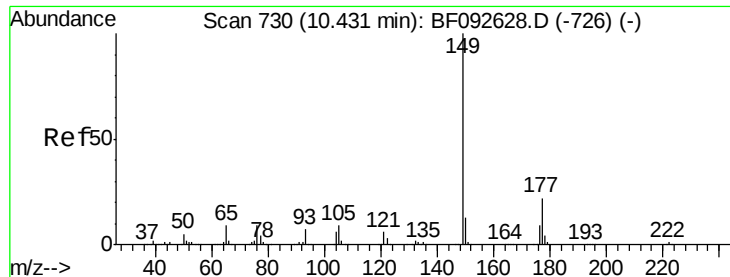
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

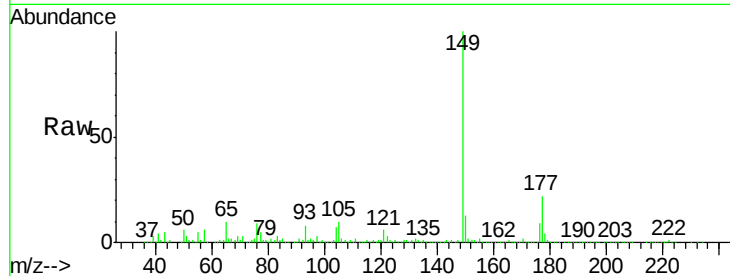




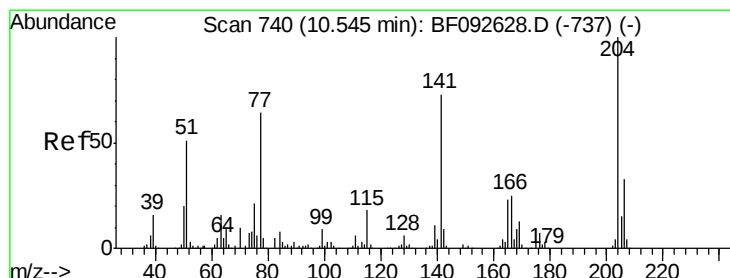
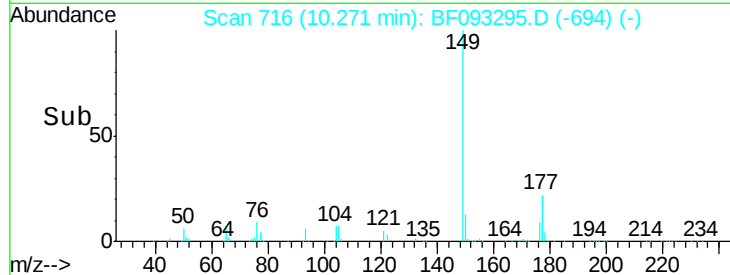
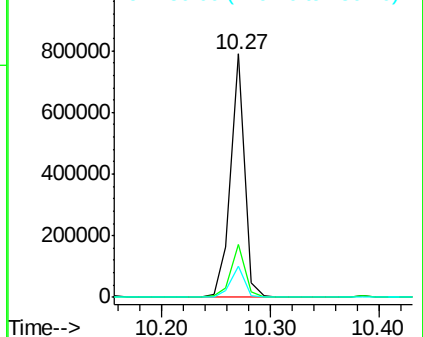
#59  
Diethylphthalate  
Concen: 46.22 ng  
RT: 10.27 min Scan# 716  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

Tgt Ion:149 Resp: 690015  
Ion Ratio Lower Upper  
149 100  
177 21.9 16.6 25.0  
150 12.7 10.4 15.6

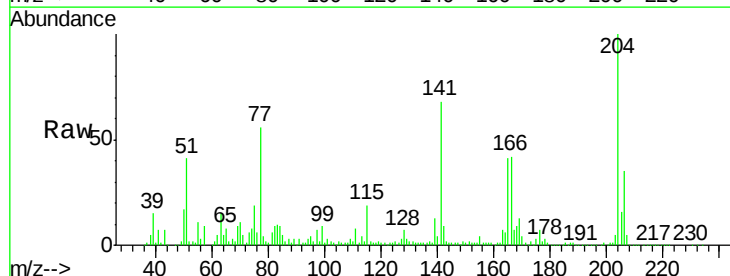


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

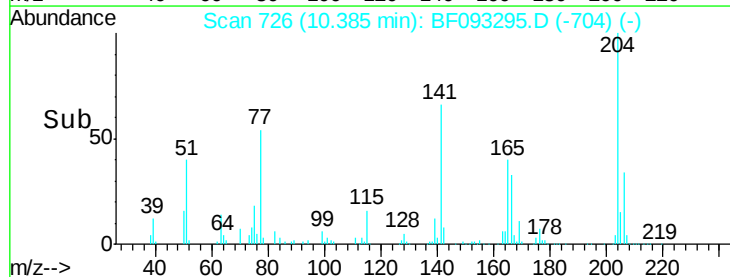
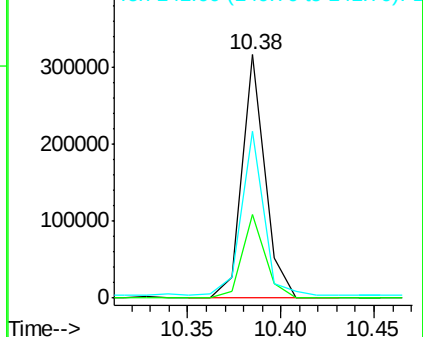


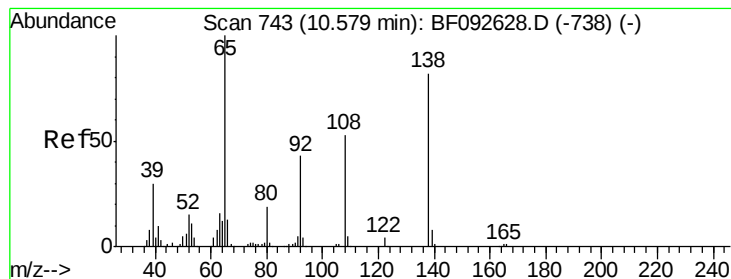
#60  
4-Chlorophenyl-phenylether  
Concen: 39.87 ng  
RT: 10.38 min Scan# 726  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion:204 Resp: 271178  
Ion Ratio Lower Upper  
204 100  
206 34.6 25.8 38.6  
141 68.4 59.4 89.0



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





#61

4-Nitroaniline

Concen: 41.89 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

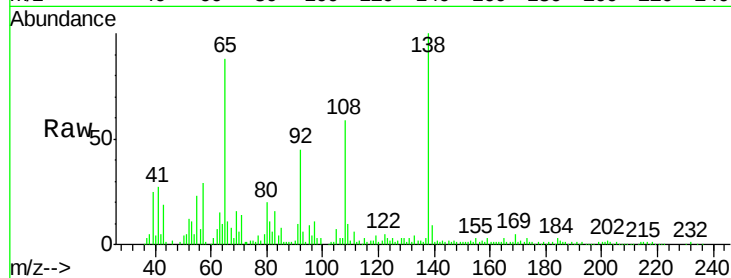
Tgt Ion:138 Resp: 167985

Ion Ratio Lower Upper

138 100

92 44.8 31.7 71.7

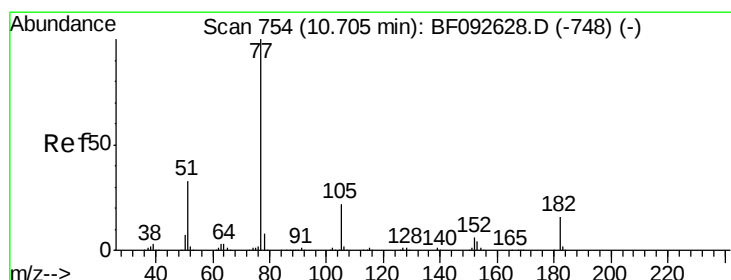
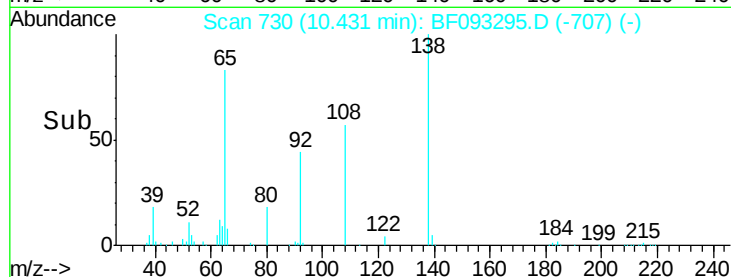
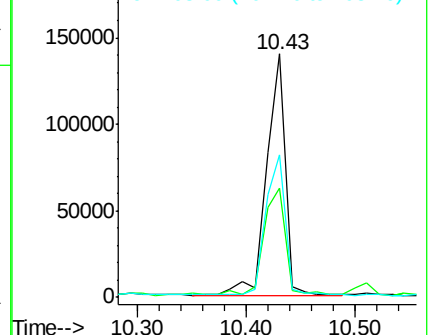
108 58.7 52.6 92.6



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: 51.92 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Tgt Ion: 77 Resp: 800794

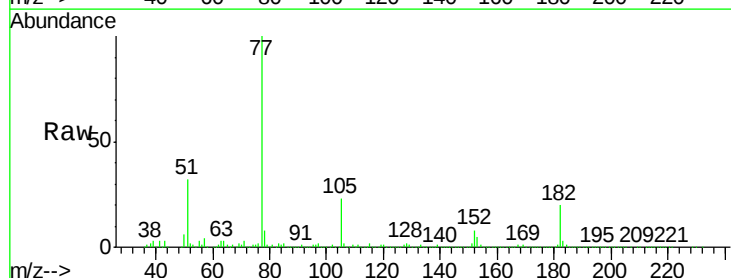
Ion Ratio Lower Upper

77 100

182 19.7 0.0 39.3

105 23.2 2.3 42.3

51 32.3 8.9 48.9

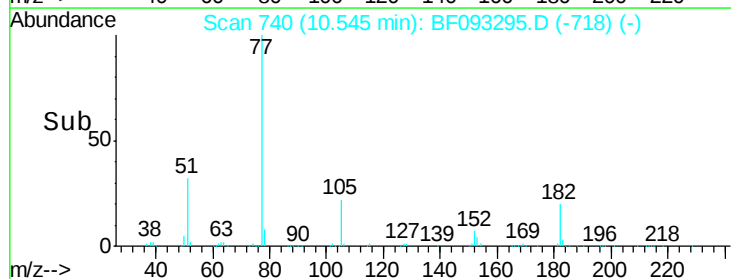
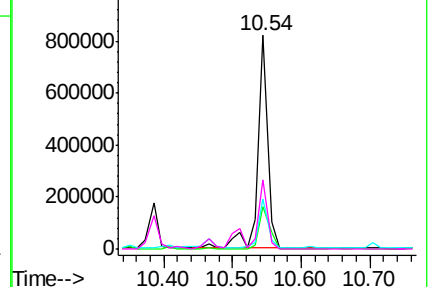


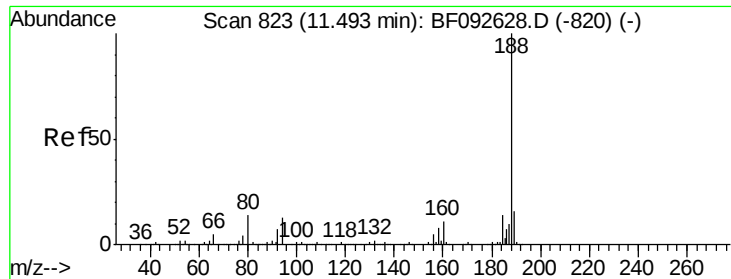
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

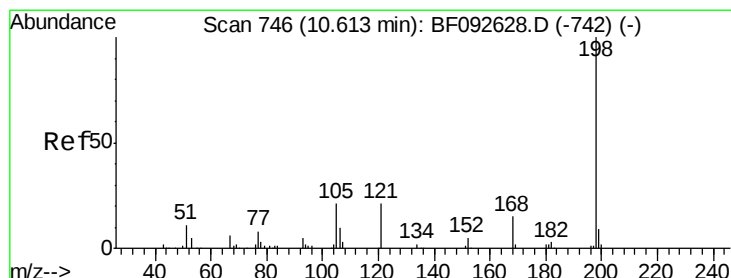
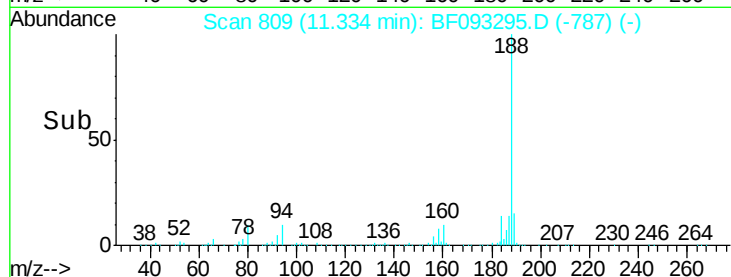
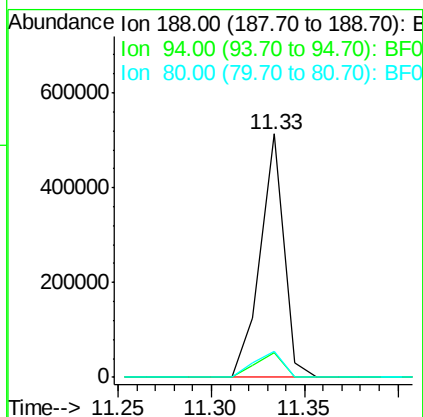
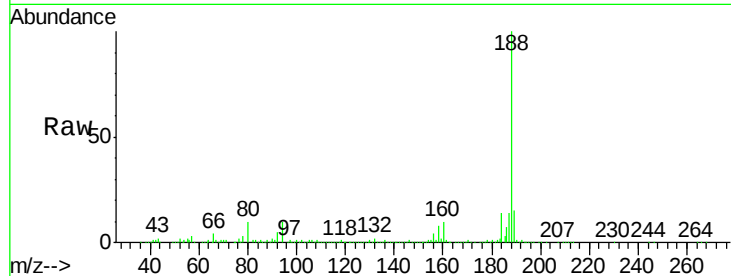




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.33 min Scan# 809  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

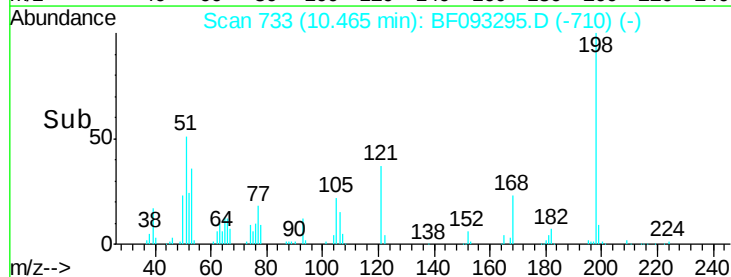
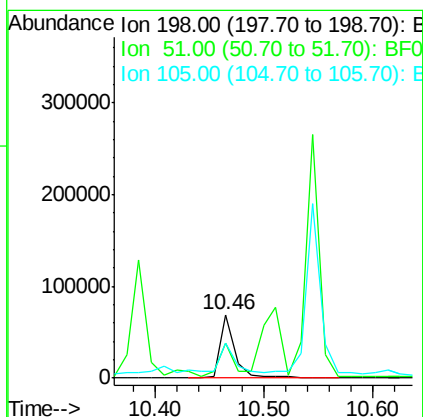
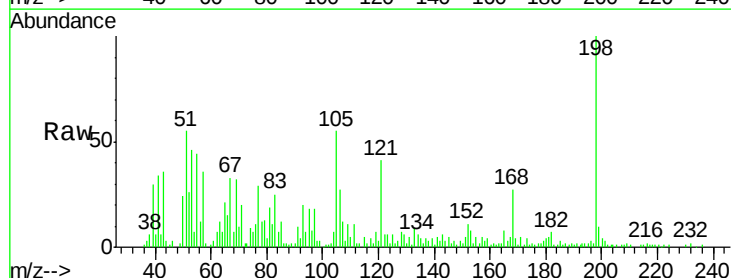
Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

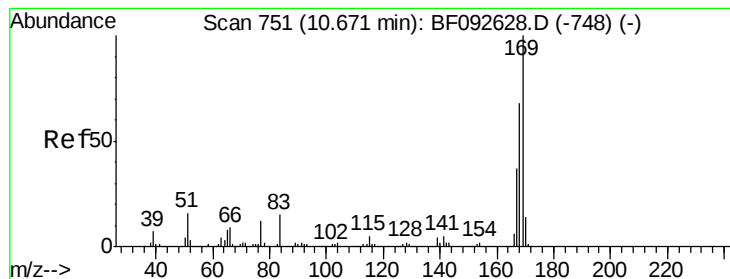
Tgt Ion:188 Resp: 461435  
Ion Ratio Lower Upper  
188 100  
94 10.1 10.0 15.0  
80 10.4 11.2 16.8#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 25.40 ng  
RT: 10.46 min Scan# 733  
Delta R.T. -0.03 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion:198 Resp: 67607  
Ion Ratio Lower Upper  
198 100  
51 55.1 6.7 46.7#  
105 54.6 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 41.26 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

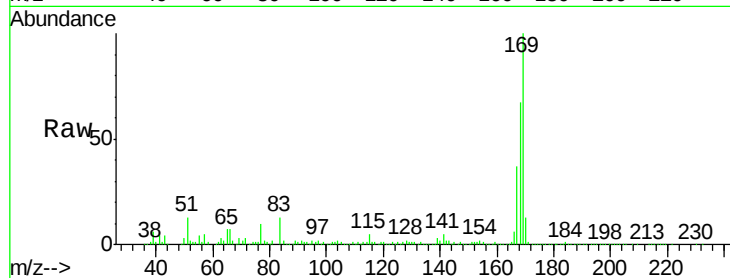
Tgt Ion:169 Resp: 608137

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.2

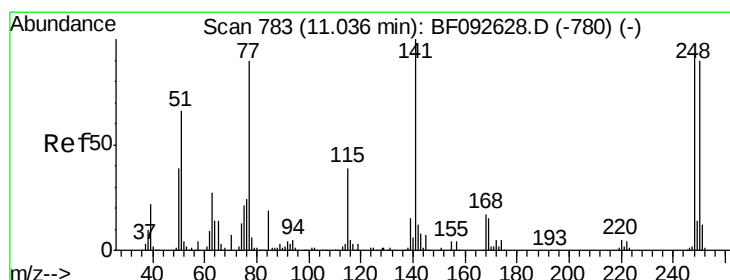
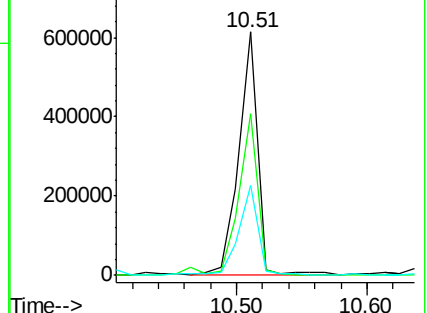
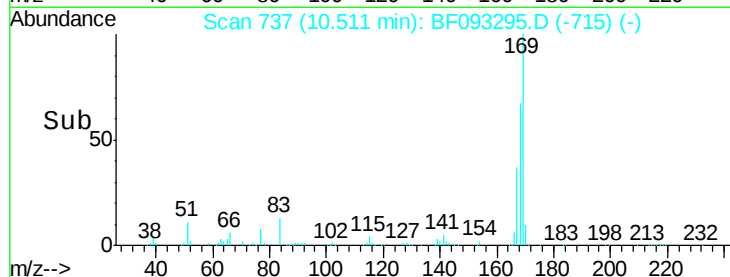
167 37.0 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.50 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

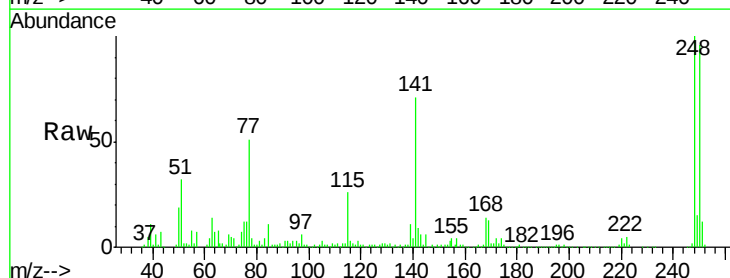
Tgt Ion:248 Resp: 175974

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

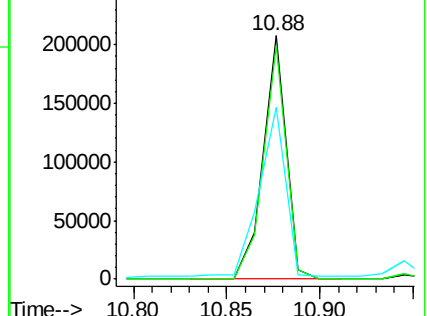
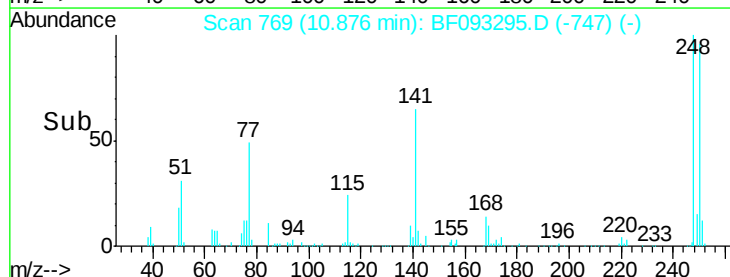
141 70.6 68.2 102.4

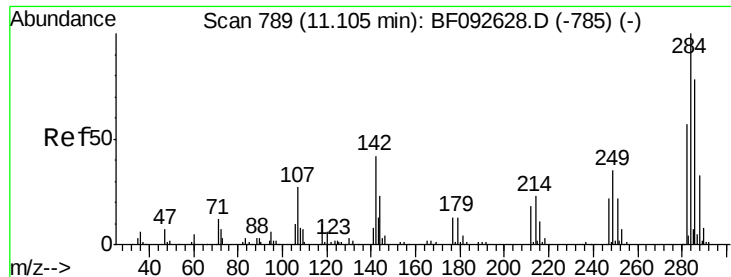


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

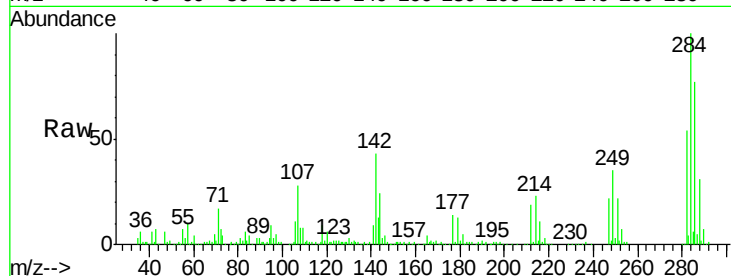




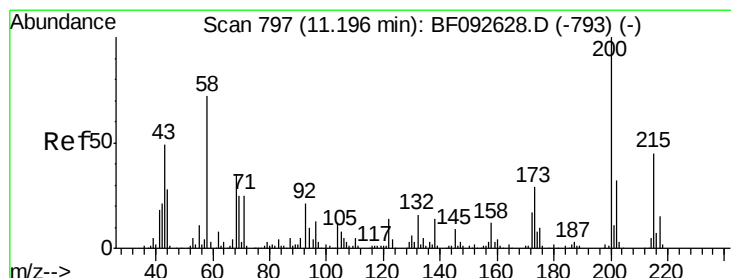
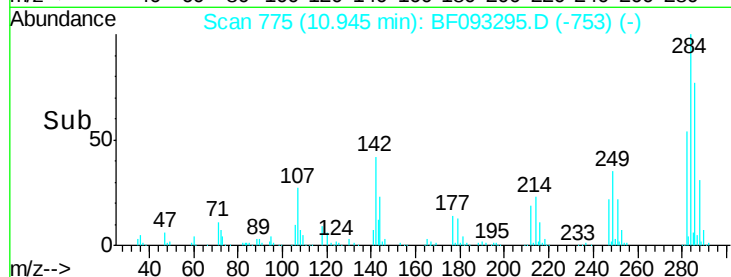
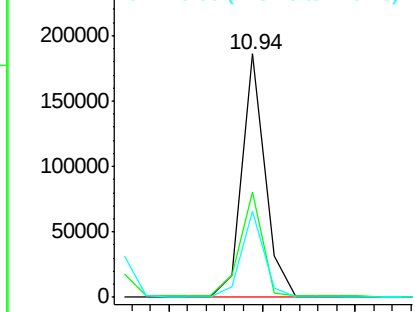
#67  
Hexachlorobenzene  
Concen: 33.94 ng  
RT: 10.94 min Scan# 775  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

Tgt Ion:284 Resp: 161705  
Ion Ratio Lower Upper  
284 100  
142 43.2 22.6 33.8#  
249 35.3 25.4 38.0

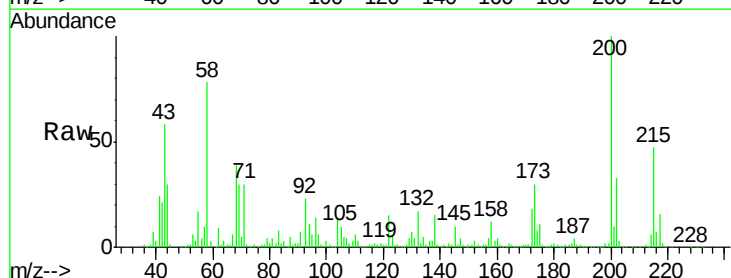


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

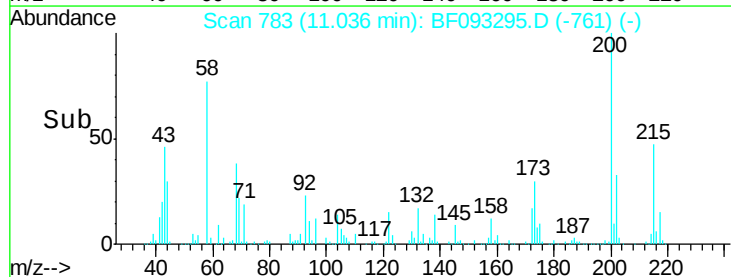
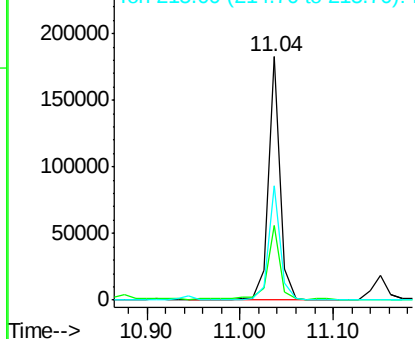


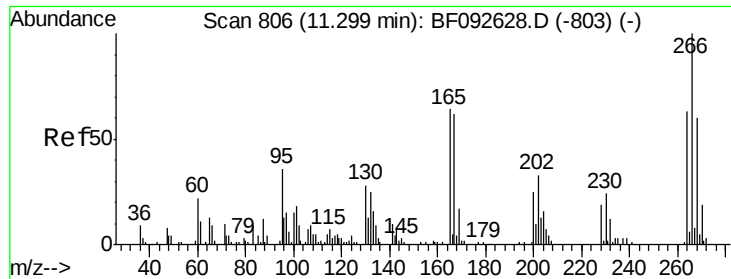
#68  
Atrazine  
Concen: 34.13 ng  
RT: 11.04 min Scan# 783  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion:200 Resp: 161432  
Ion Ratio Lower Upper  
200 100  
173 30.5 9.6 49.6  
215 46.8 25.7 65.7



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

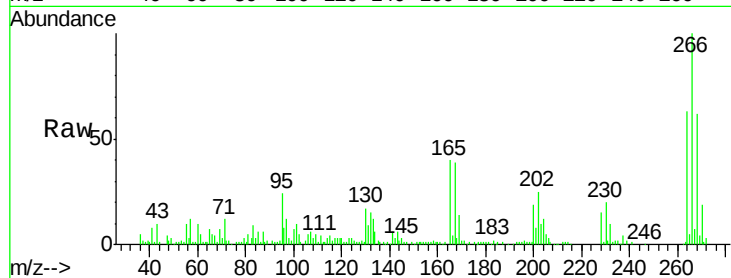




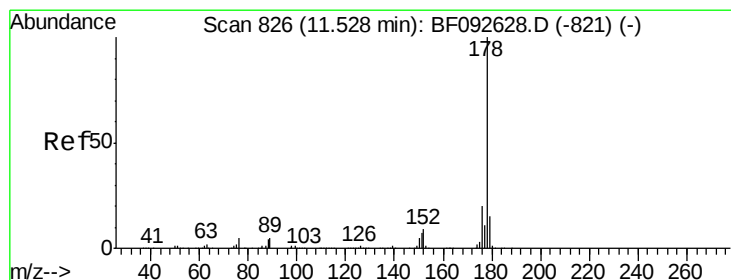
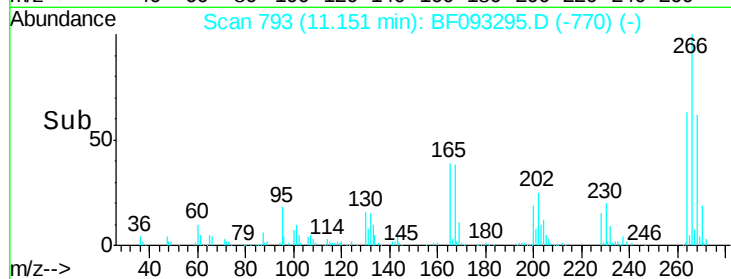
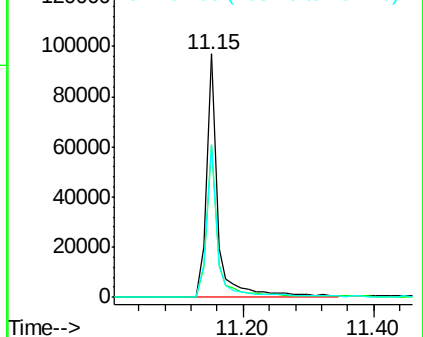
#69  
 Pentachlorophenol  
 Concen: 50.97 ng  
 RT: 11.15 min Scan# 793  
 Delta R.T. -0.03 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

Tgt Ion:266 Resp: 118282  
 Ion Ratio Lower Upper  
 266 100  
 268 62.4 53.3 79.9  
 264 62.8 50.3 75.5

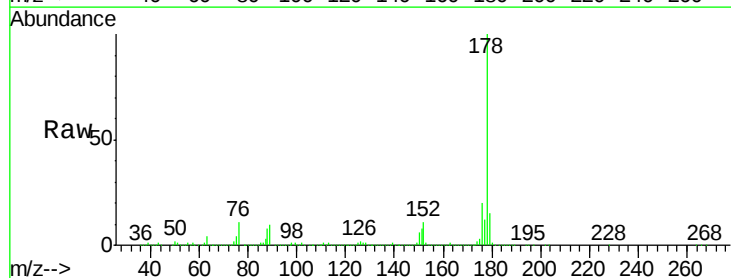


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

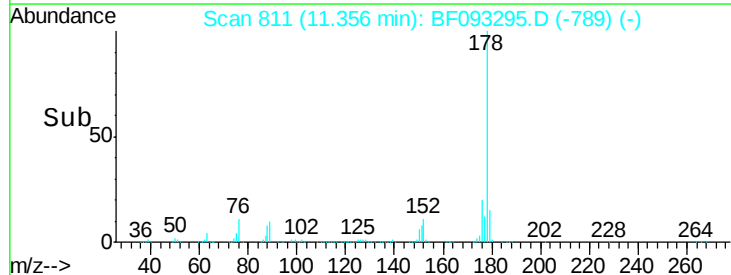
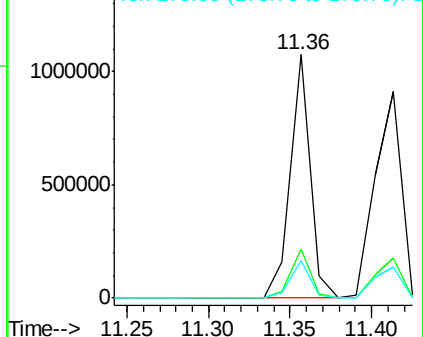


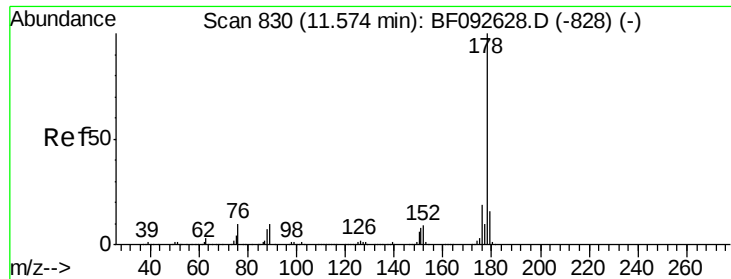
#70  
 Phenanthrene  
 Concen: 34.73 ng  
 RT: 11.36 min Scan# 811  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Tgt Ion:178 Resp: 918264  
 Ion Ratio Lower Upper  
 178 100  
 176 20.3 16.6 25.0  
 179 15.5 12.8 19.2



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

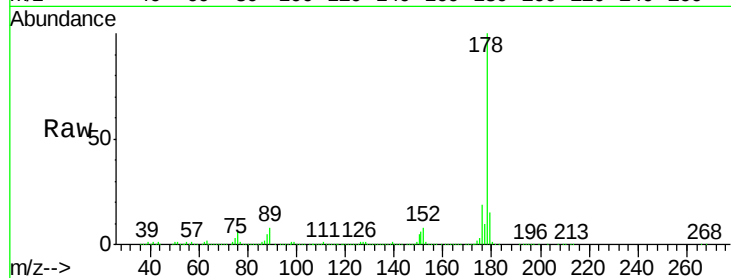




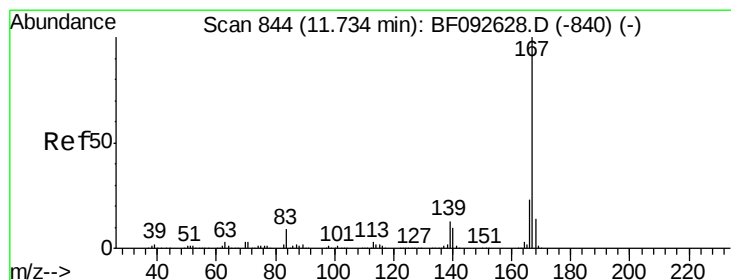
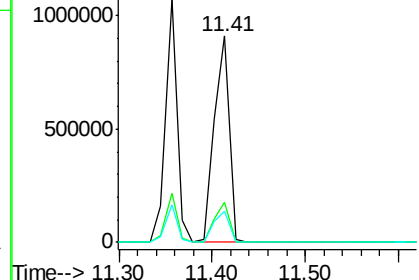
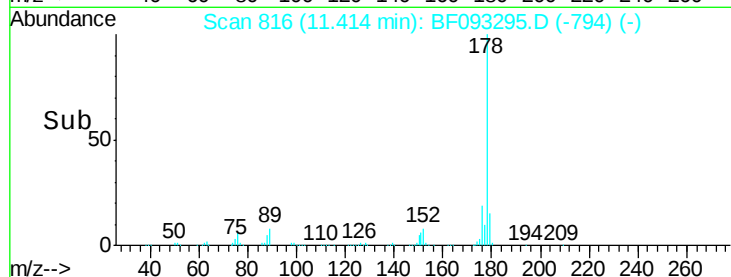
#71  
 Anthracene  
 Concen: 38.67 ng  
 RT: 11.41 min Scan# 816  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

Tgt Ion:178 Resp: 1026616  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.9 23.9  
 179 15.3 13.2 19.8

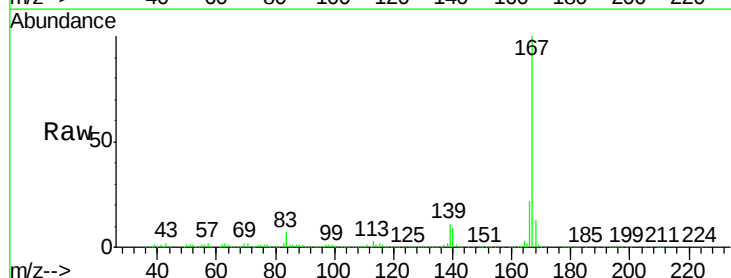


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

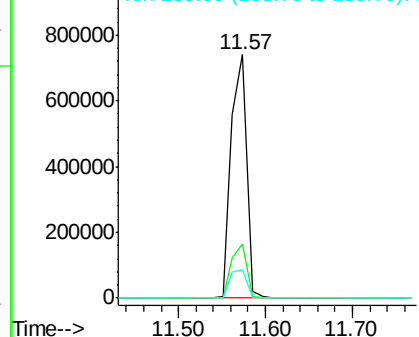
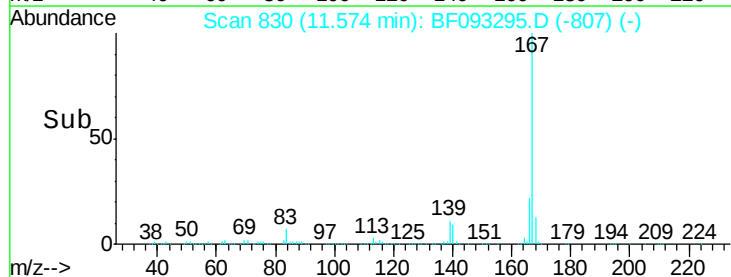


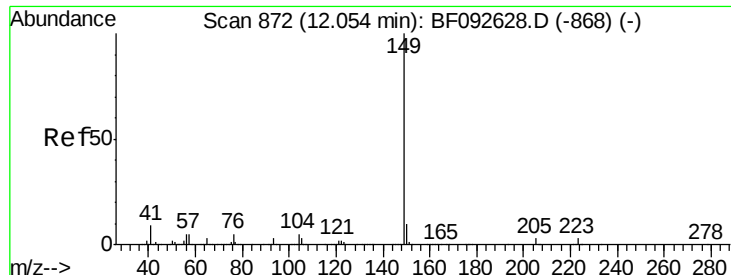
#72  
 Carbazole  
 Concen: 36.11 ng  
 RT: 11.57 min Scan# 830  
 Delta R.T. -0.03 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Tgt Ion:167 Resp: 916440  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 18.2 27.2  
 139 11.5 11.4 17.2



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

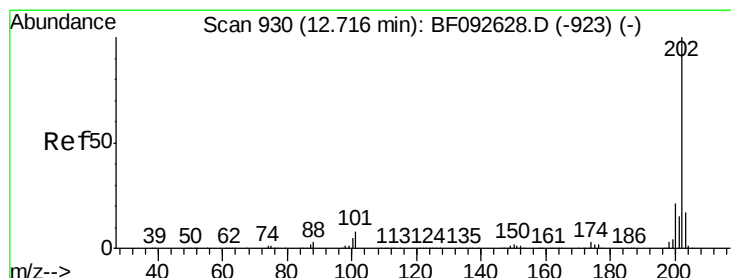
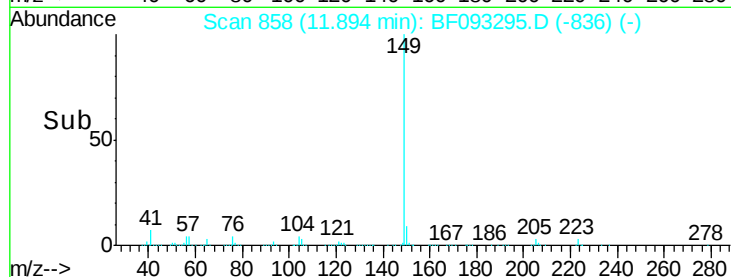
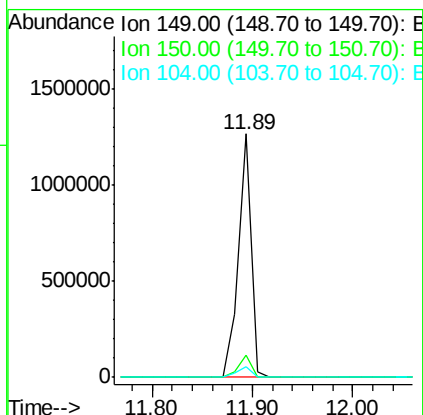
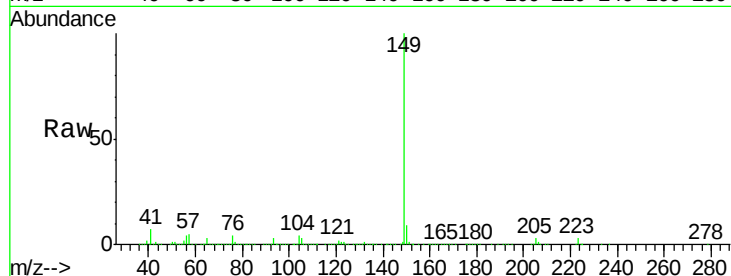




#73  
Di-n-butylphthalate  
Concen: 40.75 ng  
RT: 11.89 min Scan# 858  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

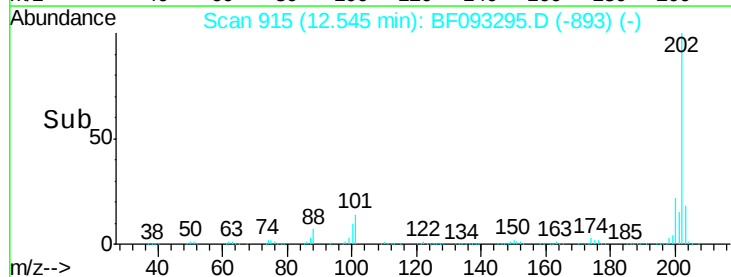
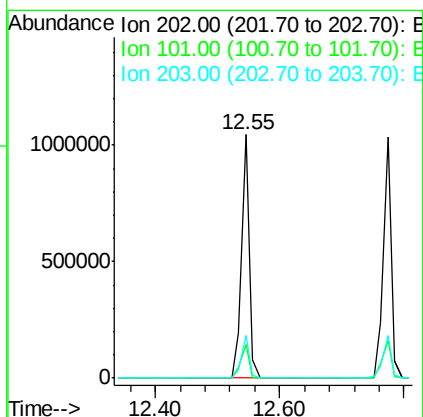
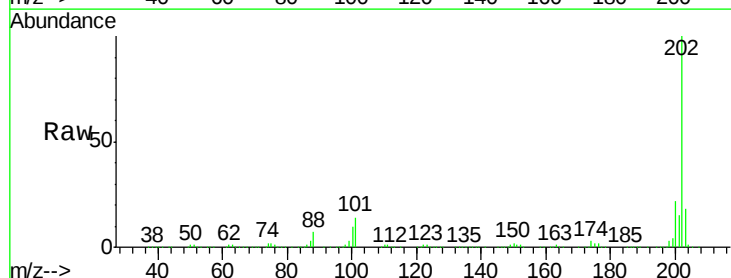
Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

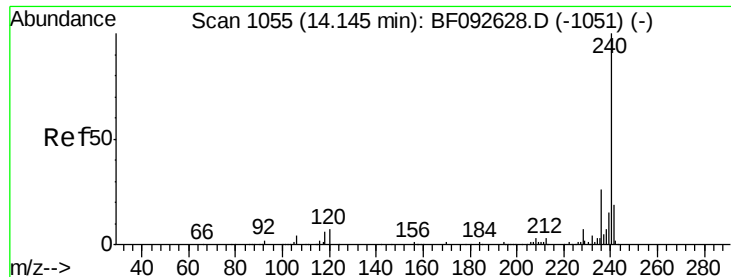
Tgt Ion:149 Resp: 1118496  
Ion Ratio Lower Upper  
149 100  
150 9.2 8.1 12.1  
104 4.2 4.6 7.0#



#74  
Fluoranthene  
Concen: 33.54 ng  
RT: 12.55 min Scan# 915  
Delta R.T. -0.05 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion:202 Resp: 914727  
Ion Ratio Lower Upper  
202 100  
101 13.7 0.0 34.6  
203 17.6 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

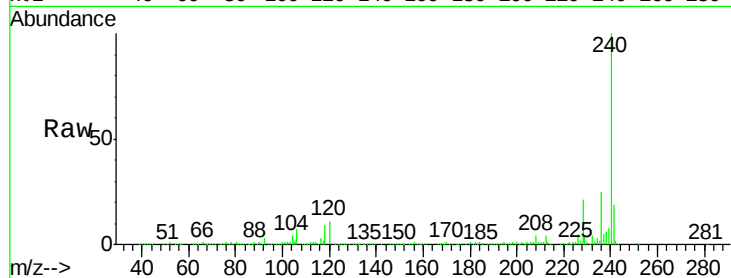
Tgt Ion:240 Resp: 341580

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

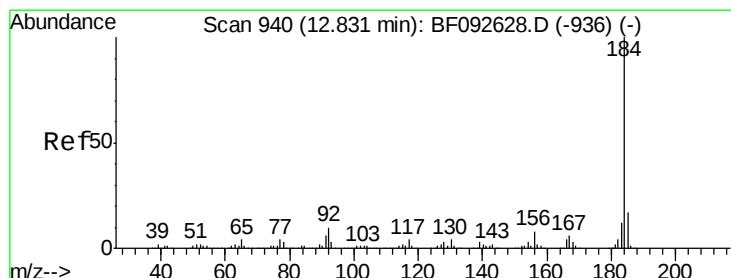
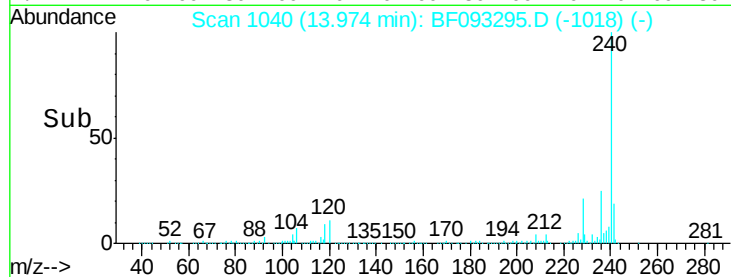
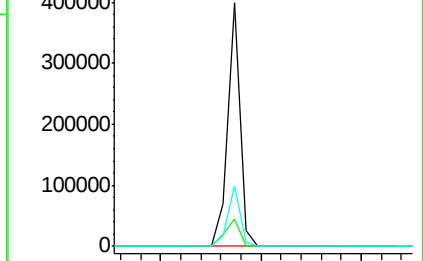
236 25.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.58 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

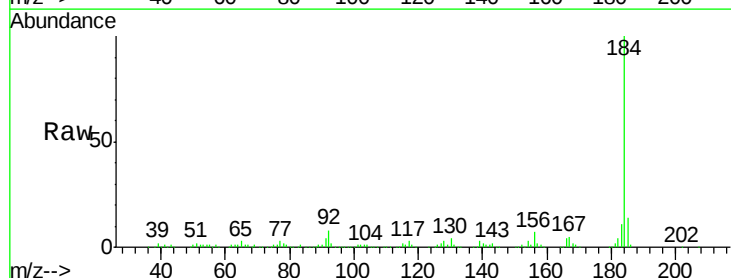
Tgt Ion:184 Resp: 255851

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

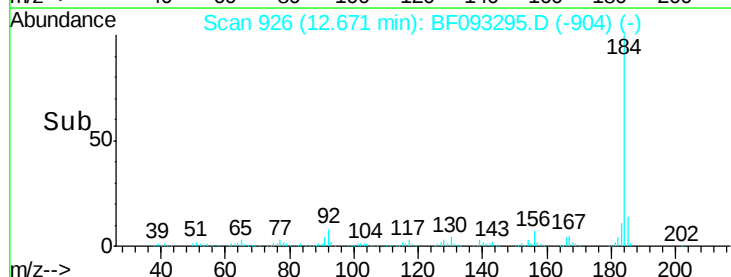
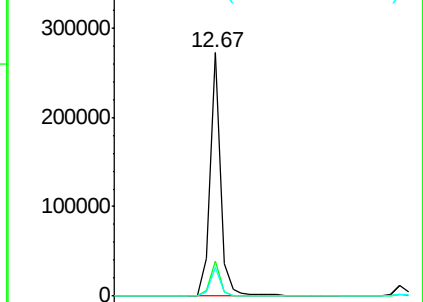
183 11.5 9.2 13.8

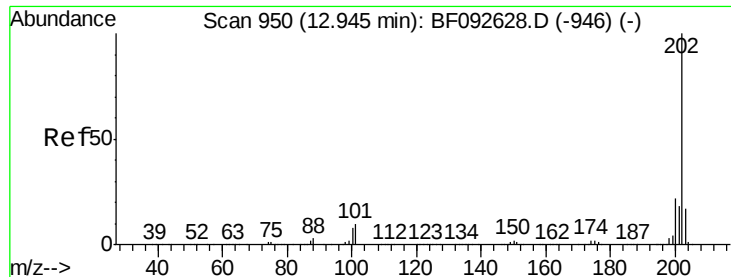


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

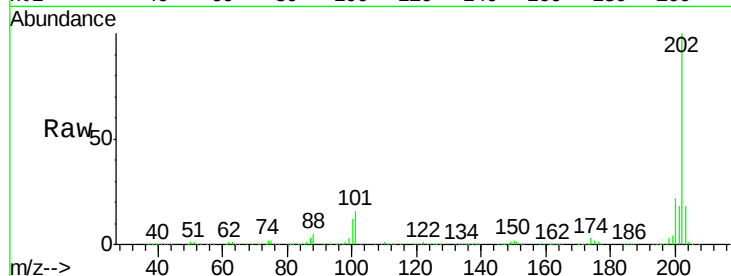




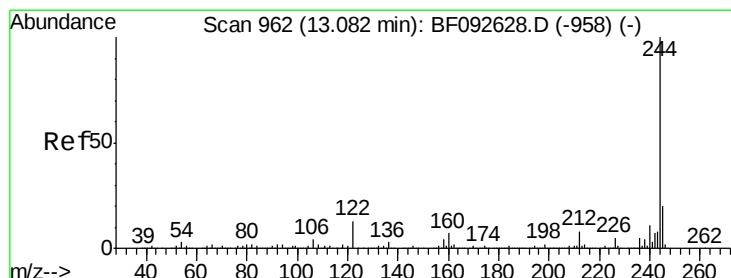
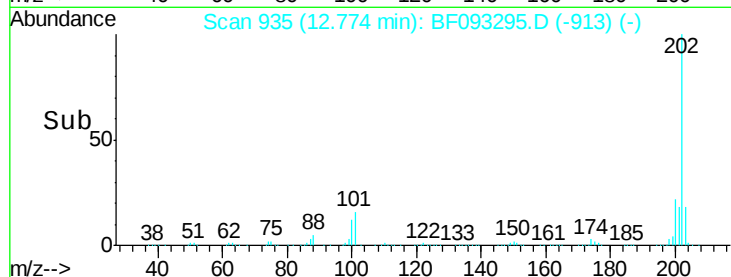
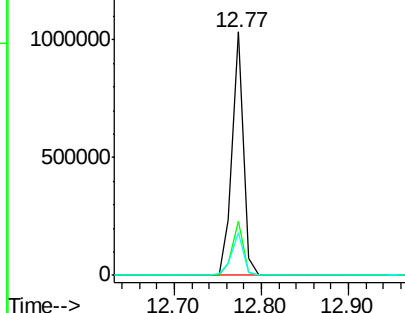
#77  
 Pyrene  
 Concen: 36.34 ng  
 RT: 12.77 min Scan# 935  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

Tgt Ion: 202 Resp: 929024  
 Ion Ratio Lower Upper  
 202 100  
 200 22.1 17.7 26.5  
 203 17.6 14.7 22.1

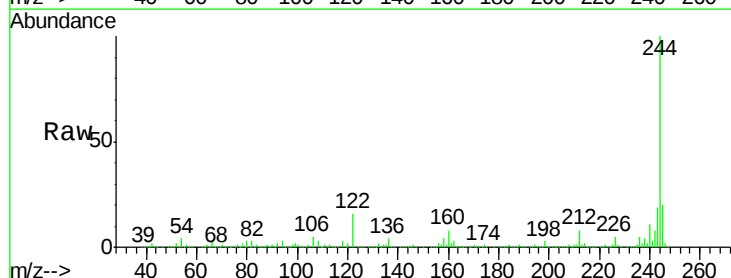


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

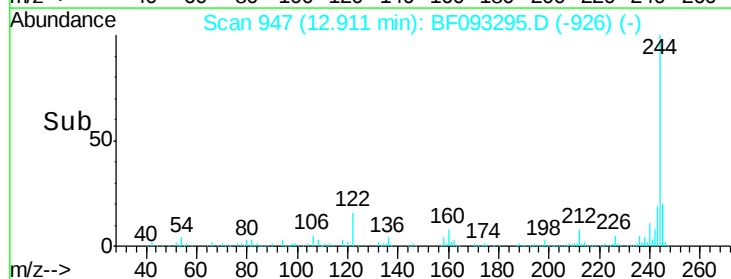
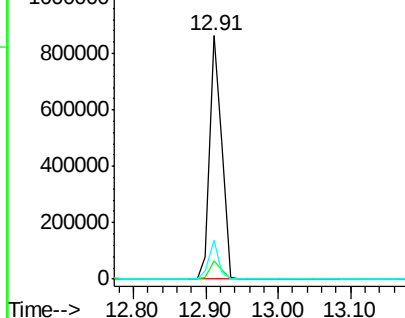


#78  
 Terphenyl-d14  
 Concen: 68.12 ng  
 RT: 12.91 min Scan# 947  
 Delta R.T. -0.06 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Tgt Ion: 244 Resp: 990309  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.2  
 122 15.9 11.4 17.2



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





#79

Butylbenzylphthalate

Concen: 41.75 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

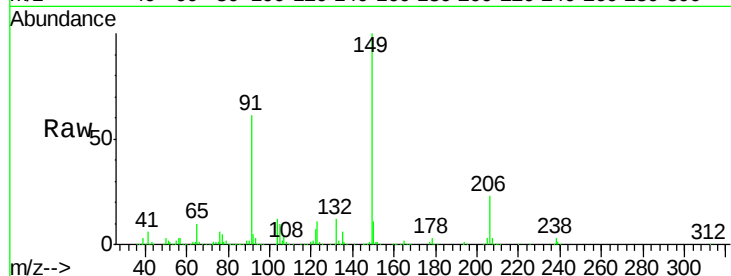
Tgt Ion:149 Resp: 433358

Ion Ratio Lower Upper

149 100

91 61.4 63.9 95.9#

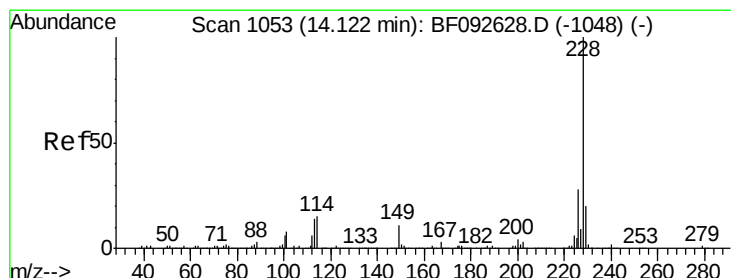
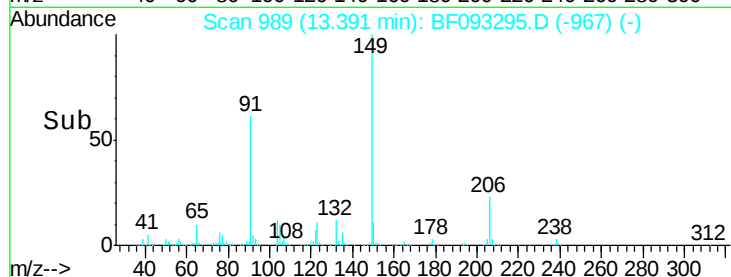
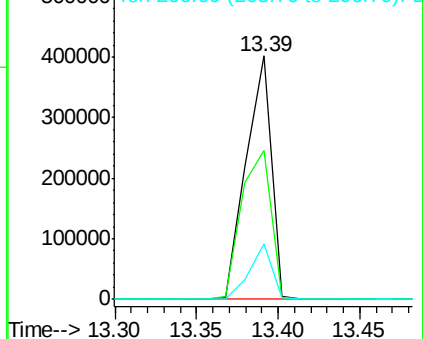
206 22.9 14.6 21.8#



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: 34.67 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

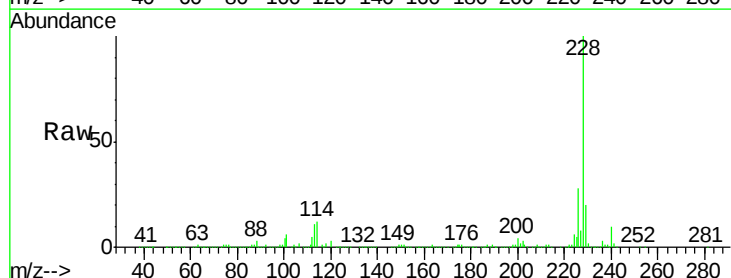
Tgt Ion:228 Resp: 724395

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

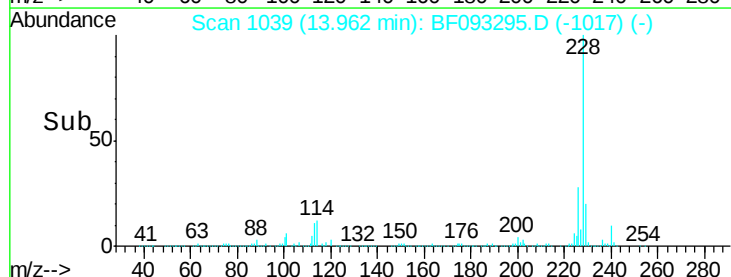
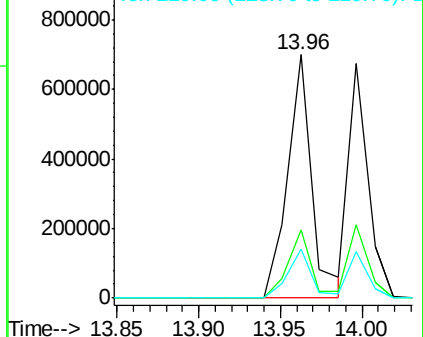
229 19.9 16.2 24.4



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

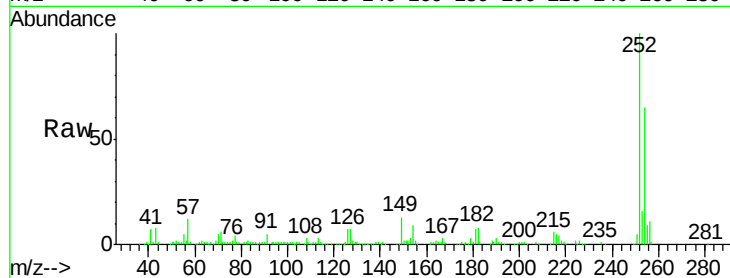




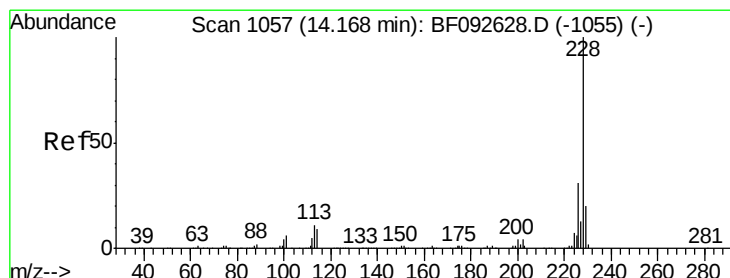
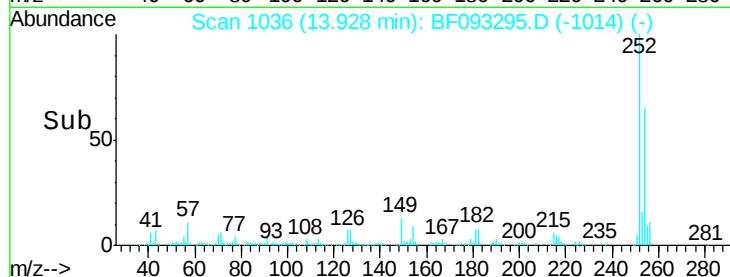
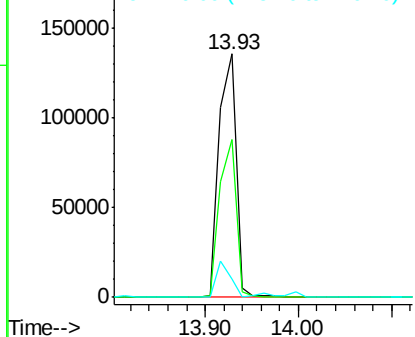
#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.13 ng  
 RT: 13.93 min Scan# 1036  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

Tgt Ion:252 Resp: 172247  
 Ion Ratio Lower Upper  
 252 100  
 254 65.0 52.3 78.5  
 126 7.4 13.6 20.4#

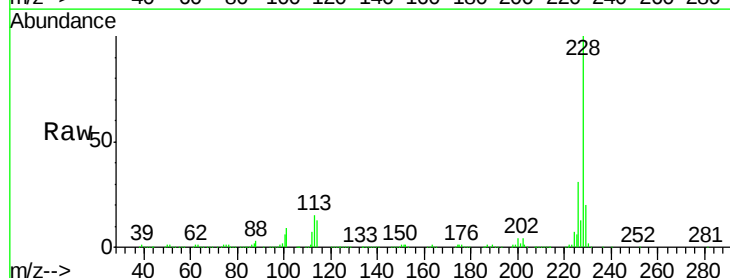


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

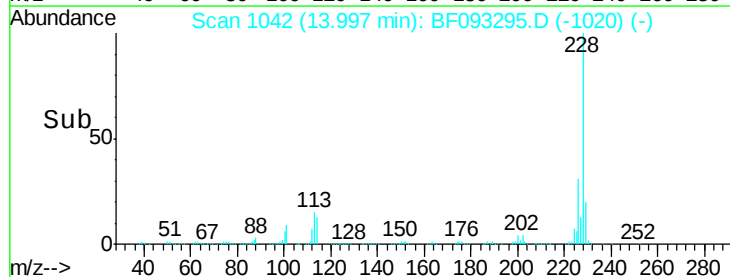
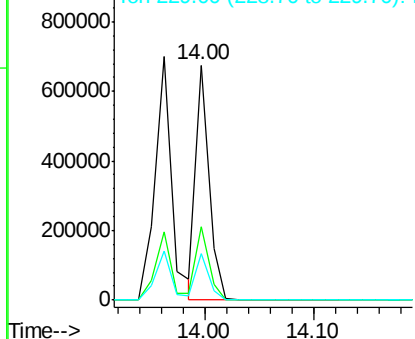


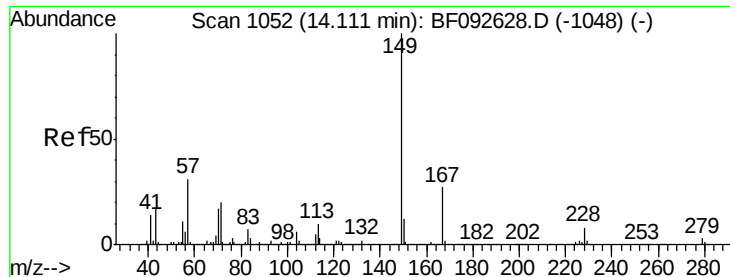
#82  
 Chrysene  
 Concen: 29.26 ng  
 RT: 14.00 min Scan# 1042  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Tgt Ion:228 Resp: 572411  
 Ion Ratio Lower Upper  
 228 100  
 226 31.1 25.4 38.0  
 229 20.0 16.2 24.2



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

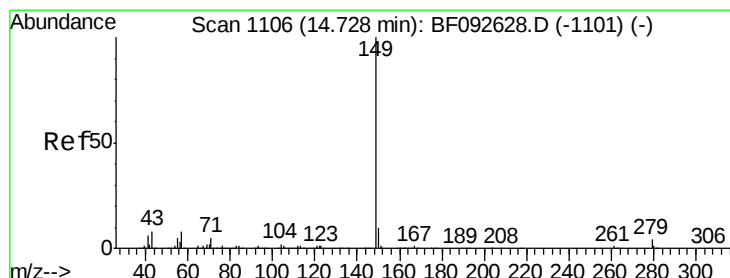
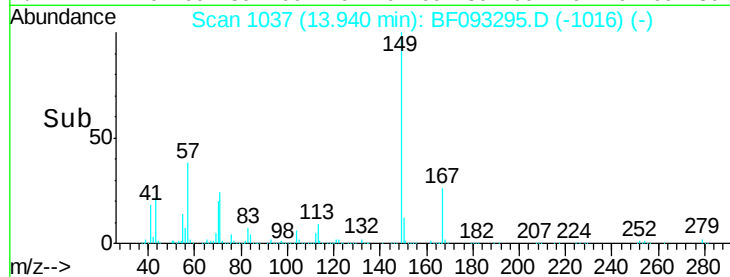
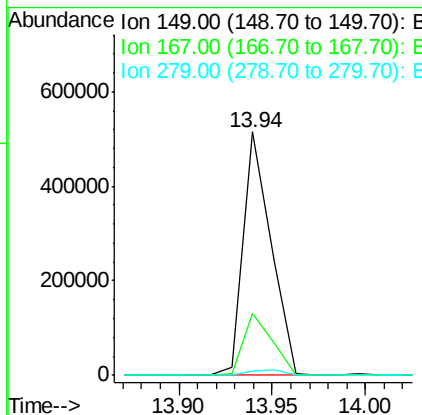
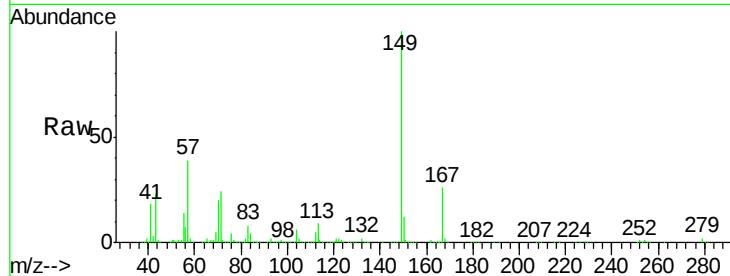




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.74 ng  
 RT: 13.94 min Scan# 1037  
 Delta R.T. -0.06 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

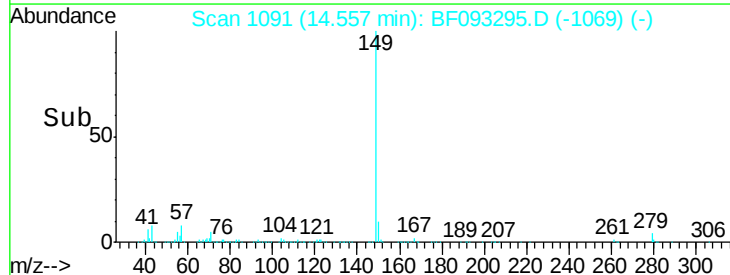
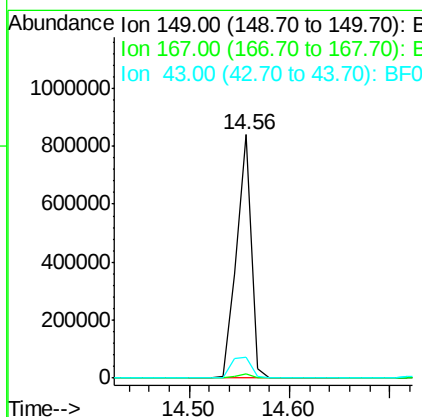
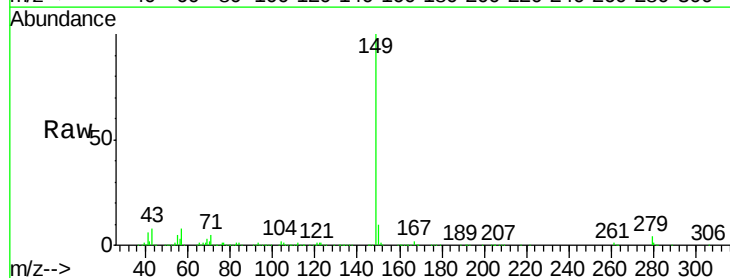
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

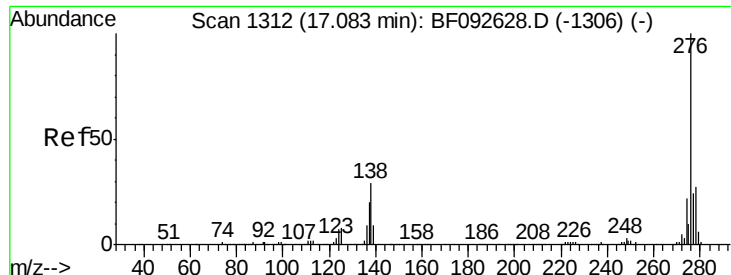
Tgt Ion:149 Resp: 535705  
 Ion Ratio Lower Upper  
 149 100  
 167 25.5 20.2 30.4  
 279 1.9 1.8 2.8



#84  
 Di-n-octyl phthalate  
 Concen: 36.74 ng  
 RT: 14.56 min Scan# 1091  
 Delta R.T. -0.05 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Tgt Ion:149 Resp: 849442  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 11.0 8.9 13.3

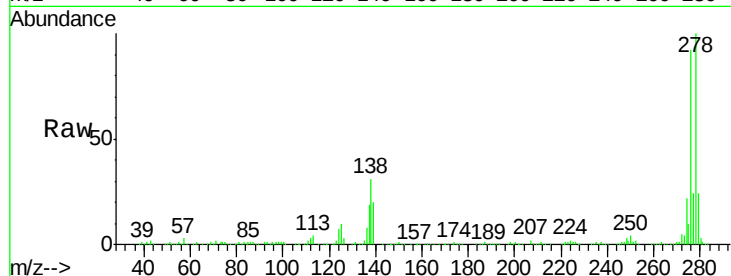




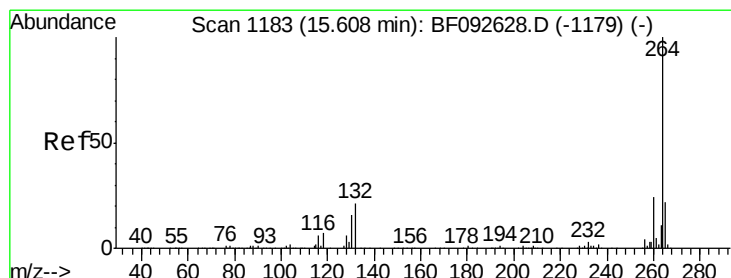
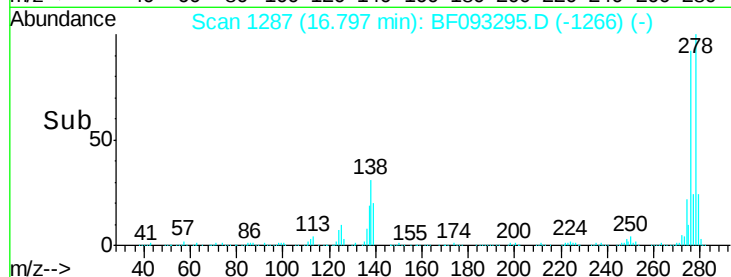
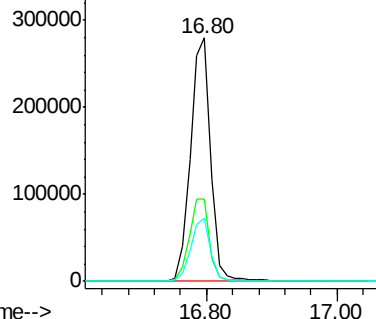
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.86 ng  
 RT: 16.80 min Scan# 1287  
 Delta R.T. -0.06 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSP-8(3.5-5.5)MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 34.4  | 21.8  | 32.6  |
| 277     | 25.4  | 20.2  | 30.4  |

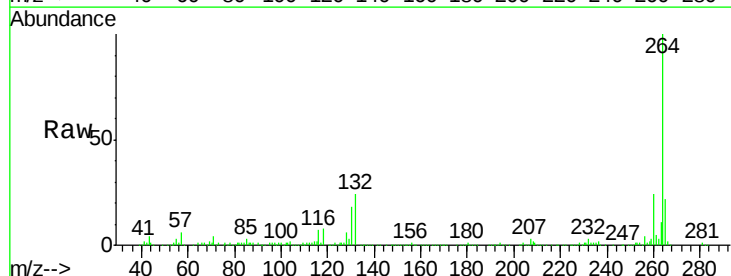


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

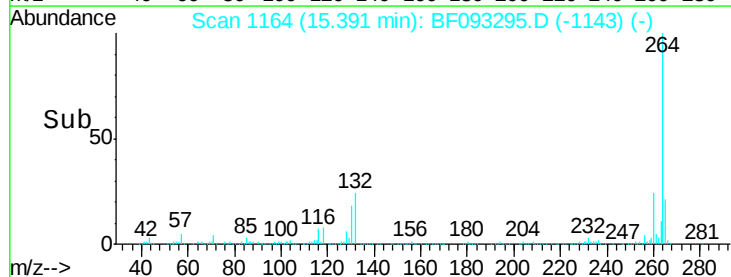
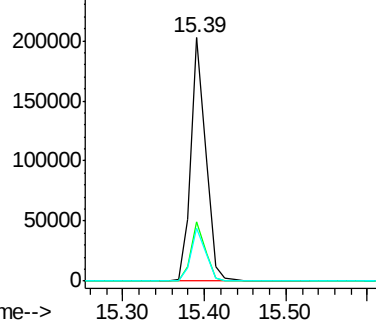


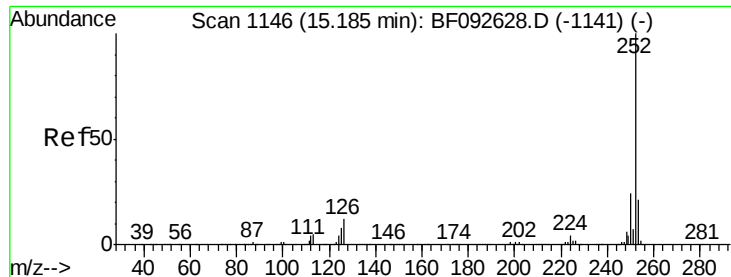
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.39 min Scan# 1164  
 Delta R.T. -0.06 min  
 Lab File: BF093295.D  
 Acq: 1 Mar 2017 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.2  | 28.8  |
| 265     | 21.5  | 17.4  | 26.0  |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

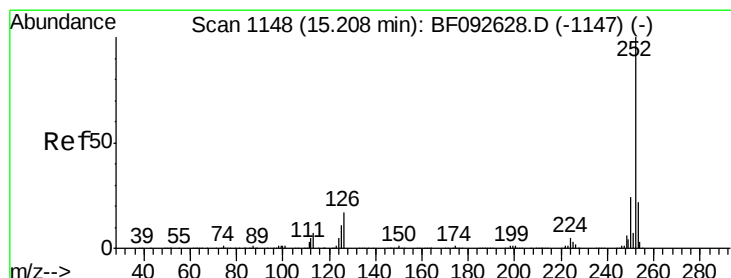
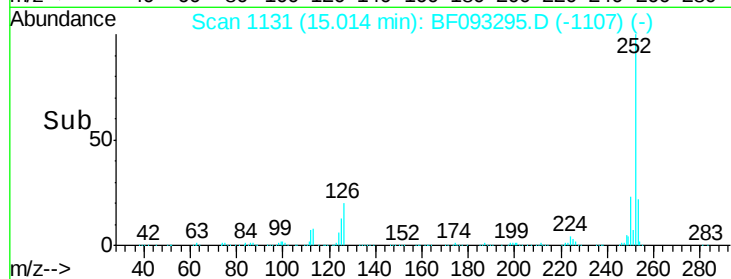
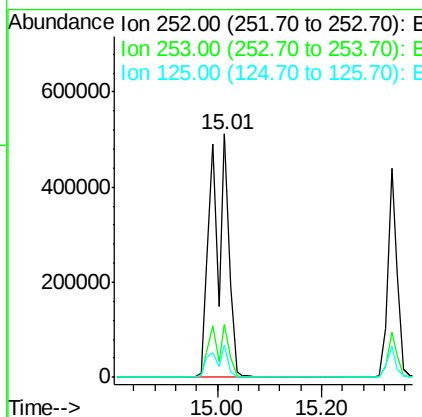
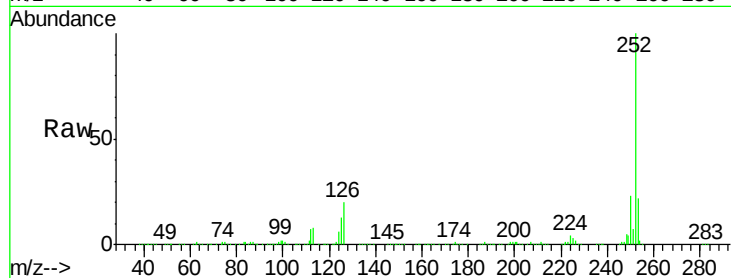




#87  
Benzo(b)fluoranthene  
Concen: 66.07 ng  
RT: 15.01 min Scan# 1131  
Delta R.T. -0.02 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

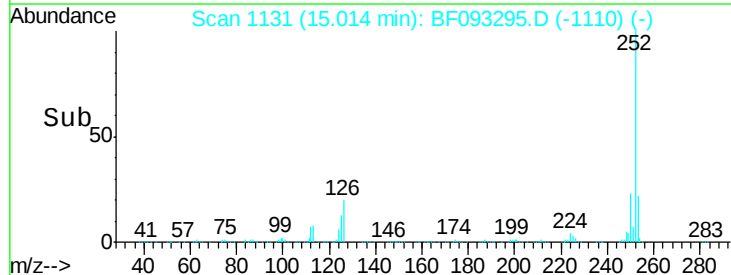
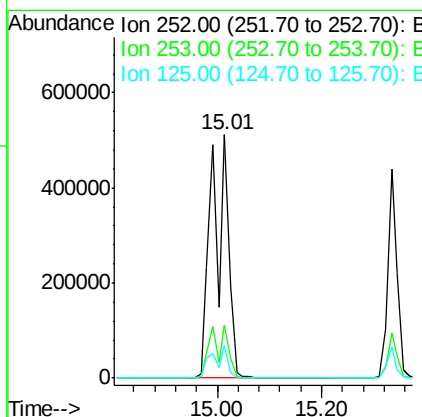
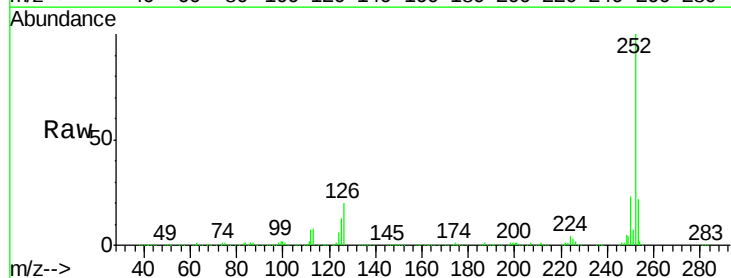
Instrument :  
BNA\_F  
ClientSampleId :  
SSP-8(3.5-5.5)MS

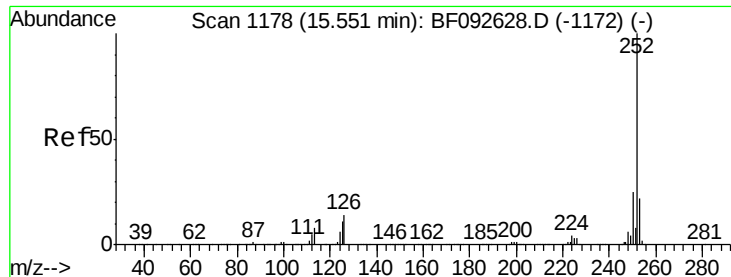
Tgt Ion:252 Resp: 1109023  
Ion Ratio Lower Upper  
252 100  
253 21.5 18.2 27.4  
125 13.5 9.8 14.6



#88  
Benzo(k)fluoranthene  
Concen: 76.52 ng  
RT: 15.01 min Scan# 1131  
Delta R.T. -0.06 min  
Lab File: BF093295.D  
Acq: 1 Mar 2017 17:53

Tgt Ion:252 Resp: 1109023  
Ion Ratio Lower Upper  
252 100  
253 21.5 18.5 27.7  
125 13.5 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 38.07 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS

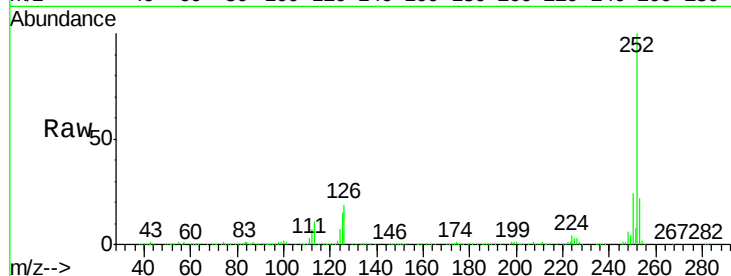
Tgt Ion:252 Resp: 552746

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

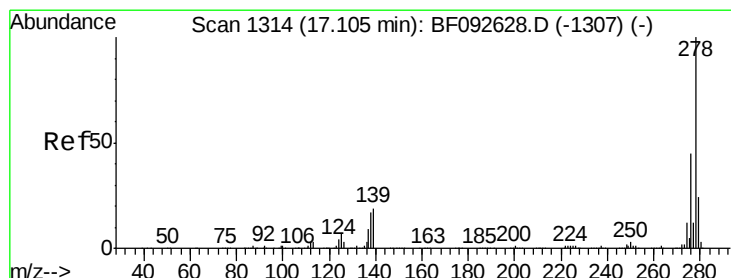
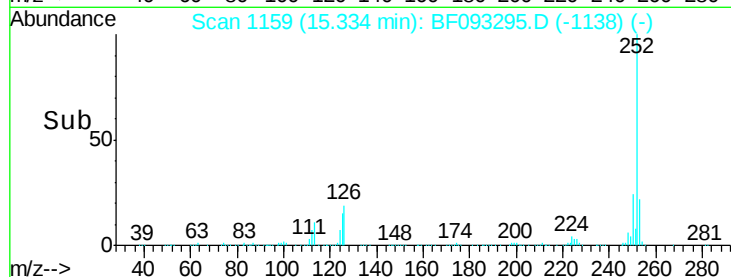
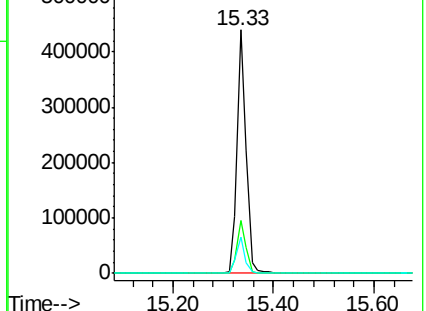
125 14.8 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.39 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF093295.D

Acq: 1 Mar 2017 17:53

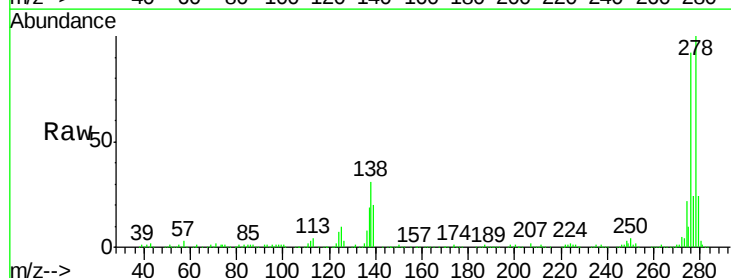
Tgt Ion:278 Resp: 509134

Ion Ratio Lower Upper

278 100

139 20.0 14.8 22.2

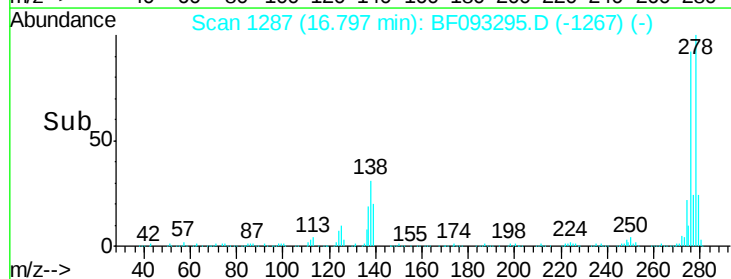
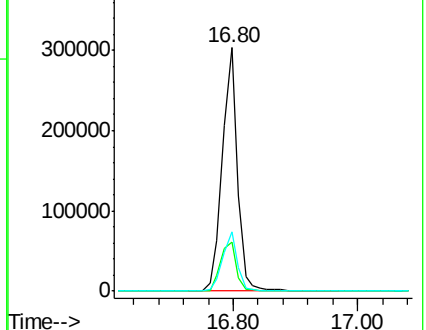
279 24.5 19.8 29.6

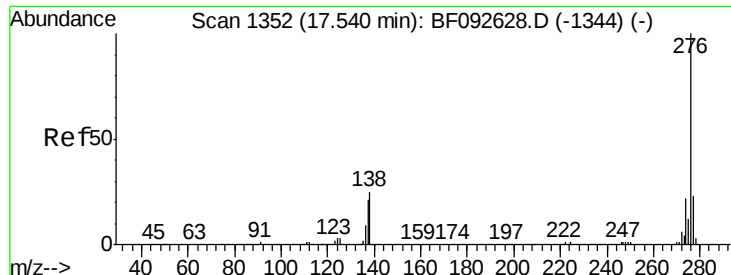


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.54 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.08 min

Lab File: BF093295.D

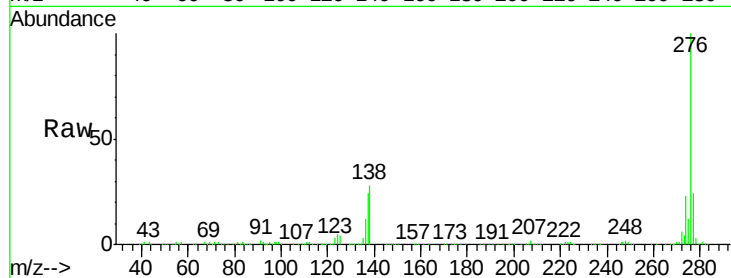
Acq: 1 Mar 2017 17:53

Instrument :

BNA\_F

ClientSampleId :

SSP-8(3.5-5.5)MS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 539810 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 24.2  | 19.2  | 28.8   |
| 138      | 28.5  | 16.0  | 24.0   |

