

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\  
 Data File : BF091224.D  
 Acq On : 17 Nov 2016 20:43  
 Operator : UM/SJ  
 Sample : H5628-02MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

Quant Time: Nov 18 10:43:59 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 08 12:59:29 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.62  | 152  | 190540   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 7.90  | 136  | 817765   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 9.66  | 164  | 455461   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.14 | 188  | 689861   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 13.78 | 240  | 507412   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 15.14 | 264  | 375569   | 20.00 | ng    | -0.05    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.23  | 112 | 1447647 | 125.48 | ng | -0.01 |
| 7) Phenol-d6                | 6.28  | 99  | 1657022 | 105.82 | ng | -0.03 |
| 23) Nitrobenzene-d5         | 7.20  | 82  | 1235107 | 82.39  | ng | -0.05 |
| 41) 2,4,6-Tribromophenol    | 10.45 | 330 | 511432  | 124.20 | ng | -0.03 |
| 44) 2-Fluorobiphenyl        | 8.99  | 172 | 2217184 | 83.81  | ng | -0.05 |
| 78) Terphenyl-d14           | 12.73 | 244 | 1902612 | 93.57  | ng | -0.03 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.28 | 88  | 205301  | 31.11  | ng | 94   |
| 3) Pyridine                    | 2.90 | 79  | 330079m | 21.38  | ng |      |
| 4) n-Nitrosodimethylamine      | 2.82 | 42  | 214293  | 35.09  | ng | 92   |
| 6) Aniline                     | 6.32 | 93  | 116662  | 6.32   | ng | # 71 |
| 8) 2-Chlorophenol              | 6.41 | 128 | 585985  | 42.58  | ng | 97   |
| 9) Benzaldehyde                | 6.19 | 77  | 39940   | 4.60   | ng | 96   |
| 10) Phenol                     | 6.29 | 94  | 555528  | 32.05  | ng | # 64 |
| 11) bis(2-Chloroethyl)ether    | 6.37 | 93  | 637602  | 43.66  | ng | 87   |
| 12) 1,3-Dichlorobenzene        | 6.56 | 146 | 588902m | 42.31  | ng |      |
| 13) 1,4-Dichlorobenzene        | 6.64 | 146 | 625283  | 41.87  | ng | 96   |
| 14) 1,2-Dichlorobenzene        | 6.80 | 146 | 555129  | 40.50  | ng | 95   |
| 15) Benzyl Alcohol             | 6.78 | 79  | 489802  | 44.34  | ng | 92   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.91 | 45  | 717181  | 34.30  | ng | # 46 |
| 17) 2-Methylphenol             | 6.91 | 107 | 459806  | 42.21  | ng | # 91 |
| 18) Hexachloroethane           | 7.13 | 117 | 236148  | 40.86  | ng | 92   |
| 19) n-Nitroso-di-n-propylamine | 7.06 | 70  | 485137  | 44.71  | ng | # 90 |
| 20) 3+4-Methylphenols          | 7.07 | 107 | 612536  | 46.83  | ng | 96   |
| 22) Acetophenone               | 7.05 | 105 | 857585  | 45.55  | ng | # 94 |
| 24) Nitrobenzene               | 7.22 | 77  | 695191  | 41.99  | ng | 93   |
| 25) Isophorone                 | 7.46 | 82  | 1272255 | 44.04  | ng | 99   |
| 26) 2-Nitrophenol              | 7.54 | 139 | 319696  | 45.63  | ng | # 68 |
| 27) 2,4-Dimethylphenol         | 7.58 | 122 | 509167  | 43.94  | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 7.68 | 93  | 790631  | 50.10  | ng | 100  |
| 29) 2,4-Dichlorophenol         | 7.78 | 162 | 486111  | 48.07  | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 7.86 | 180 | 529922  | 46.61  | ng | 98   |
| 31) Naphthalene                | 7.93 | 128 | 1761529 | 45.04  | ng | 99   |
| 32) Benzoic acid               | 7.76 | 122 | 268523  | 31.64  | ng | 96   |
| 33) 4-Chloroaniline            | 8.01 | 127 | 94766   | 5.83   | ng | 96   |
| 34) Hexachlorobutadiene        | 8.05 | 225 | 296679  | 48.34  | ng | 98   |
| 35) Caprolactam                | 8.38 | 113 | 113822m | 35.83  | ng |      |
| 36) 4-Chloro-3-methylphenol    | 8.50 | 107 | 542572  | 44.32  | ng | 93   |
| 37) 2-Methylnaphthalene        | 8.62 | 142 | 1152478 | 45.84  | ng | 98   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.80 | 216 | 544883  | 46.92  | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 8.77 | 237 | 404902  | 89.05  | ng | 97   |

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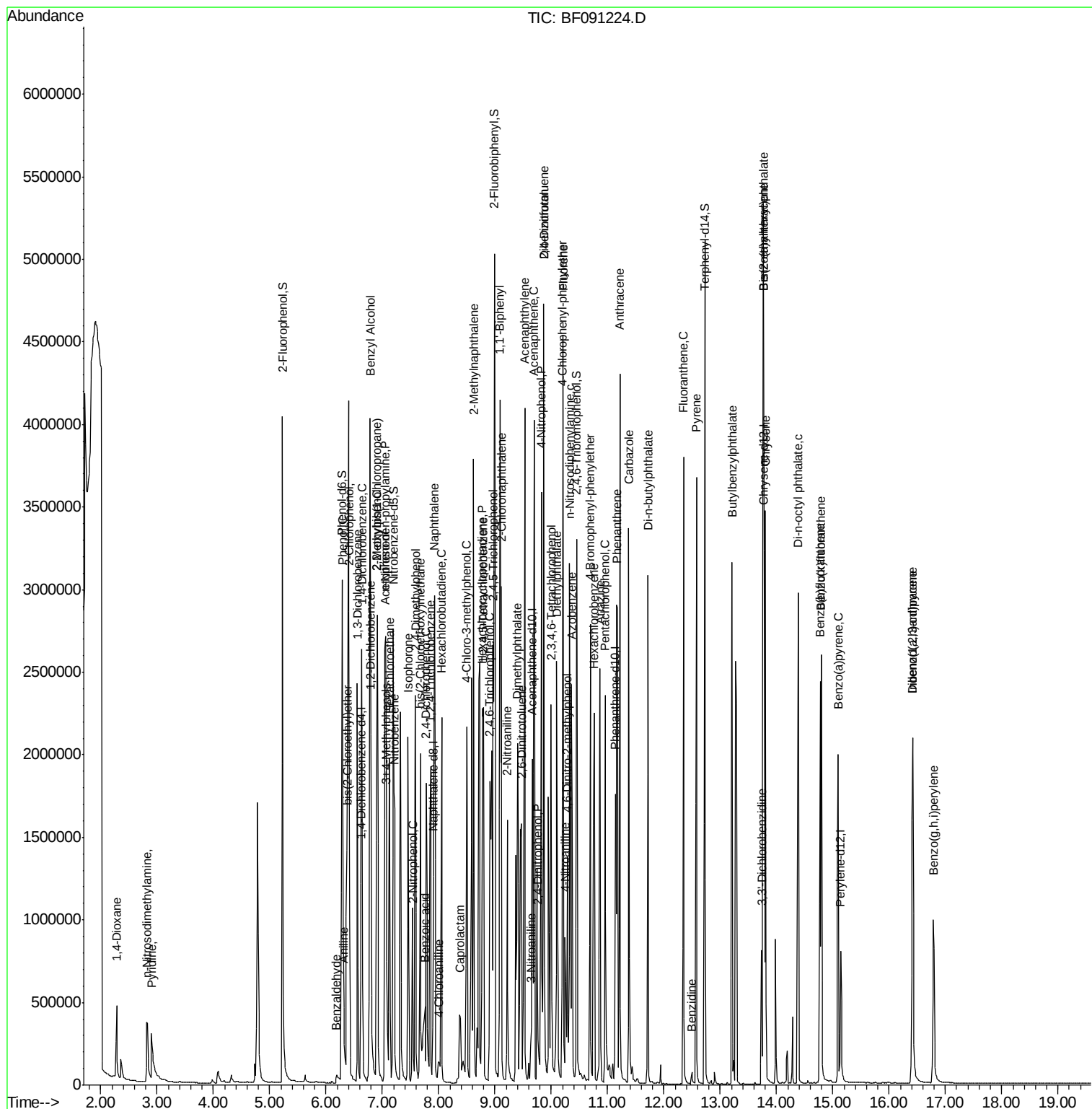
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.91  | 196  | 340654   | 45.44 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 8.97  | 196  | 375392   | 47.69 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 9.09  | 154  | 1451321  | 43.64 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.12  | 162  | 1166124  | 46.18 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.22  | 65   | 348378   | 37.18 | nq    | 93       |
| 48) Acenaphthylene             | 9.53  | 152  | 1668164  | 42.39 | nq    | 99       |
| 49) Dimethylphthalate          | 9.40  | 163  | 1308560  | 43.81 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.47  | 165  | 316996   | 49.53 | nq    | # 56     |
| 51) Acenaphthene               | 9.70  | 154  | 1076485  | 43.57 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.64  | 138  | 70972    | 9.35  | nq    | 85       |
| 53) 2,4-Dinitrophenol          | 9.76  | 184  | 241885   | 70.21 | nq    | 89       |
| 54) Dibenzofuran               | 9.87  | 168  | 1436414  | 43.19 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.82  | 139  | 295750   | 60.05 | nq    | # 82     |
| 56) 2,4-Dinitrotoluene         | 9.87  | 165  | 336870   | 41.37 | nq    | # 76     |
| 57) Fluorene                   | 10.21 | 166  | 1202607  | 44.24 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.00 | 232  | 306586   | 49.72 | nq    | 96       |
| 59) Diethylphthalate           | 10.10 | 149  | 1244205  | 40.63 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.20 | 204  | 531810   | 42.99 | nq    | # 78     |
| 61) 4-Nitroaniline             | 10.25 | 138  | 249759   | 32.53 | nq    | 92       |
| 62) Azobenzene                 | 10.36 | 77   | 1426924  | 39.59 | nq    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.28 | 198  | 183522   | 43.44 | nq    | # 50     |
| 65) n-Nitrosodiphenylamine     | 10.33 | 169  | 1005850  | 45.87 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.69 | 248  | 359336   | 50.08 | nq    | # 82     |
| 67) Hexachlorobenzene          | 10.76 | 284  | 423083   | 53.46 | nq    | # 82     |
| 68) Atrazine                   | 10.86 | 200  | 285551   | 45.14 | nq    | 96       |
| 69) Pentachlorophenol          | 10.96 | 266  | 329905   | 94.12 | nq    | 98       |
| 70) Phenanthrene               | 11.17 | 178  | 1757803  | 47.93 | nq    | 99       |
| 71) Anthracene                 | 11.22 | 178  | 1649169  | 42.30 | nq    | 99       |
| 72) Carbazole                  | 11.38 | 167  | 1399393  | 39.83 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.72 | 149  | 2055898  | 46.53 | nq    | 100      |
| 74) Fluoranthene               | 12.35 | 202  | 1511556  | 39.74 | nq    | 95       |
| 76) Benzidine                  | 12.49 | 184  | 43574    | 3.84  | nq    | 98       |
| 77) Pyrene                     | 12.58 | 202  | 1661803  | 50.01 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.21 | 149  | 750903   | 47.24 | nq    | # 86     |
| 80) Benzo(a)anthracene         | 13.77 | 228  | 1242709  | 43.14 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.73 | 252  | 189236   | 18.70 | nq    | # 98     |
| 82) Chrysene                   | 13.80 | 228  | 1232405  | 43.38 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.77 | 149  | 959195   | 44.59 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.39 | 149  | 1710029  | 48.35 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.42 | 276  | 1004663  | 42.62 | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 14.77 | 252  | 1163269m | 45.67 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.80 | 252  | 976690m  | 43.71 | nq    |          |
| 89) Benzo(a)pyrene             | 15.09 | 252  | 994086   | 44.83 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.42 | 278  | 853698   | 44.53 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 16.79 | 276  | 796618   | 45.95 | nq    | 98       |

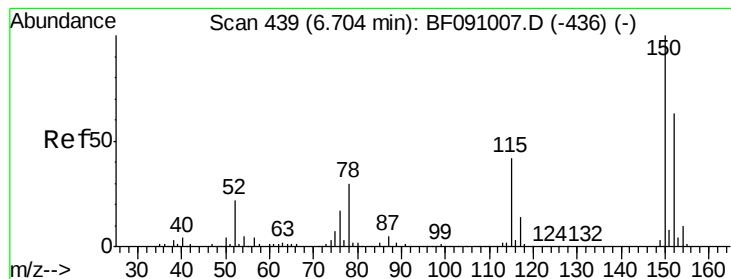
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 16      Sample Multiplier: 1
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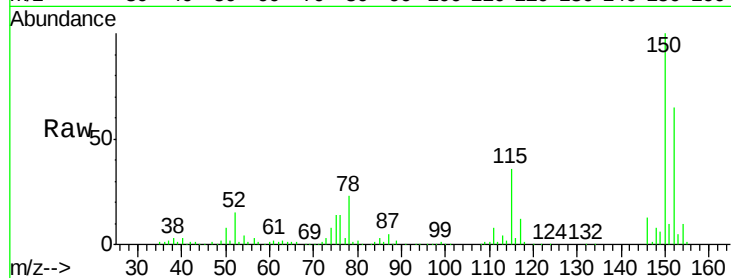


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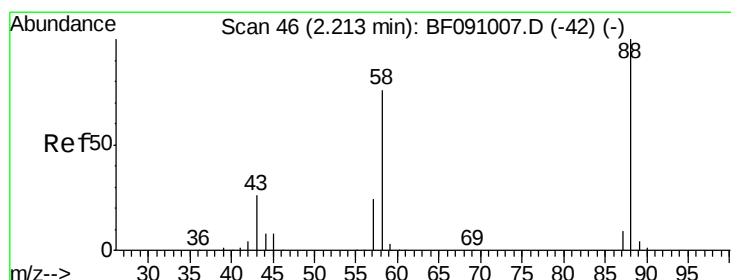
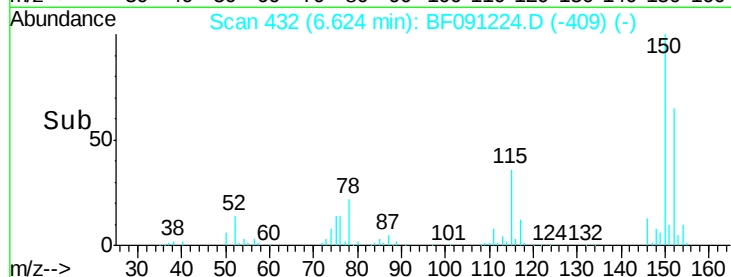
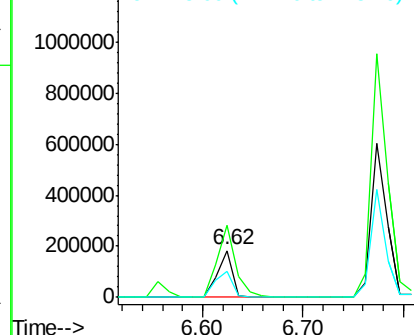
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.62 min Scan# 432  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-COMPMSD

Tot Ion:152 Resp: 190540  
Ion Ratio Lower Upper  
152 100  
150 153.7 126.8 190.2  
115 55.0 53.3 79.9



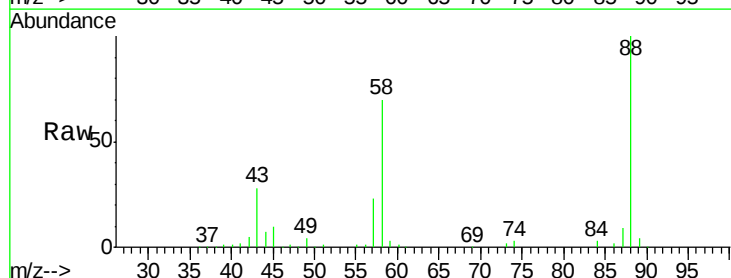
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



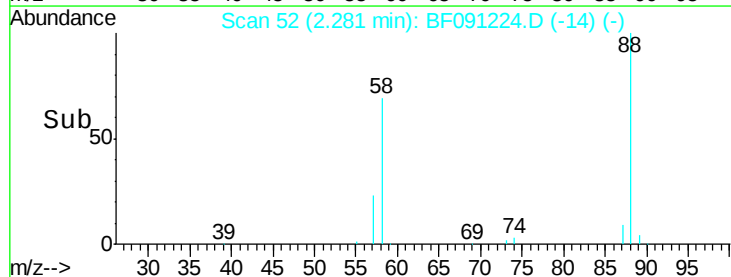
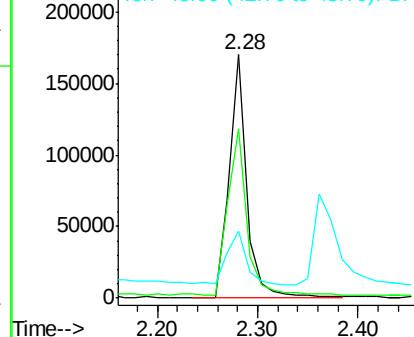
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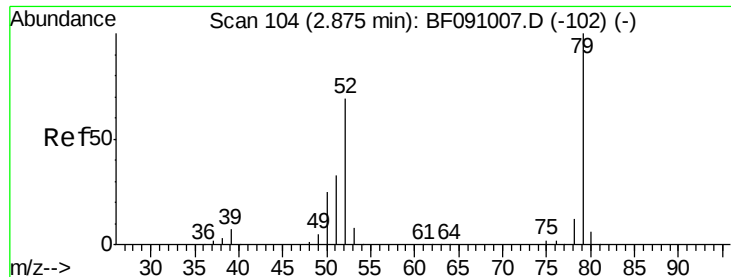
1,4-Dioxane  
Concen: 31.11 ng  
RT: 2.28 min Scan# 52  
Delta R.T. 0.14 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Tgt Ion: 88 Resp: 205301  
Ion Ratio Lower Upper  
88 100  
58 74.3 63.8 95.6  
43 24.9 22.6 33.8



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





#3

Pvridine

Concen: 21.38 ng/ml

RT: 2.90 min Scan# 106

Delta R.T. 0.11 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

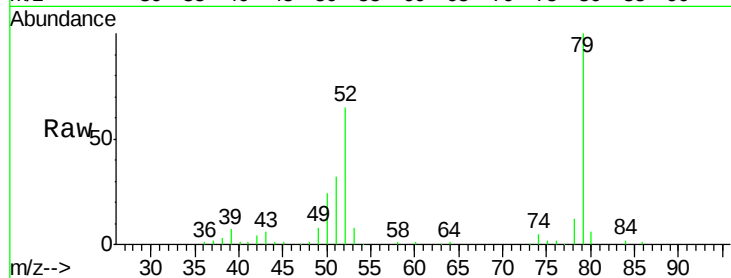
Tot Ion: 79 Resp: 330079

Ion Ratio Lower Upper

79 100

52 64.6 55.4 83.0

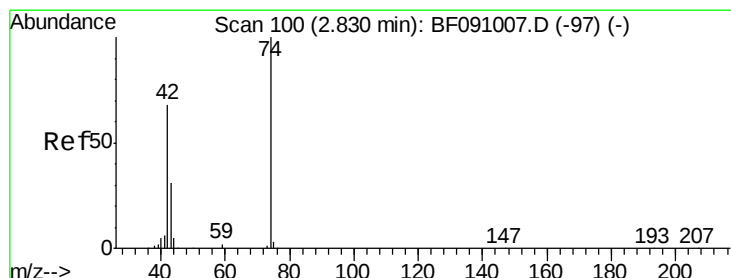
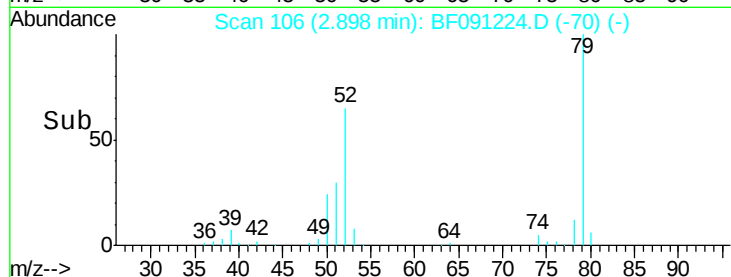
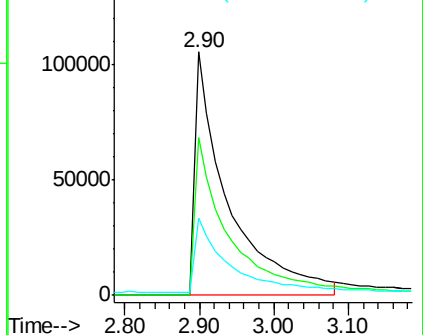
51 32.0 27.4 41.0



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: 35.09 ng/ml

RT: 2.82 min Scan# 99

Delta R.T. 0.07 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

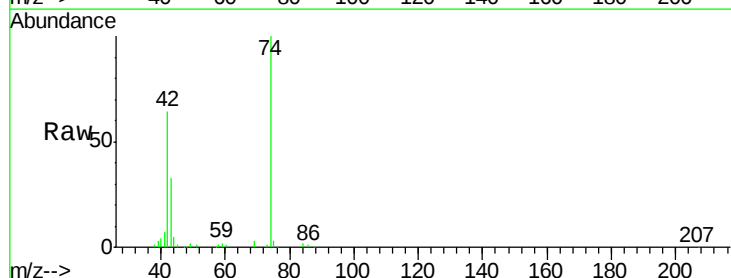
Tgt Ion: 42 Resp: 214293

Ion Ratio Lower Upper

42 100

74 157.3 117.3 175.9

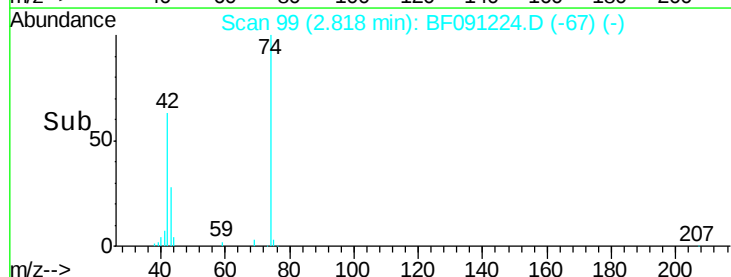
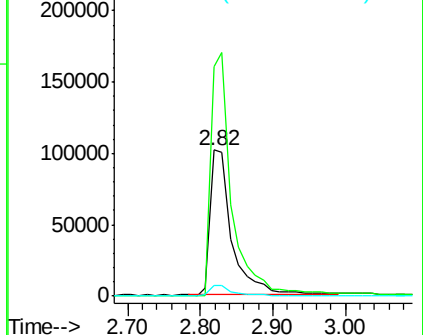
44 7.4 5.8 8.8



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: 125.48 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

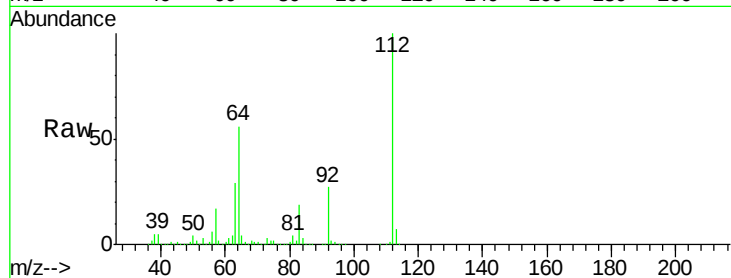
Tot Ion:112 Resp: 1447647

Ion Ratio Lower Upper

112 100

64 56.4 55.8 83.6

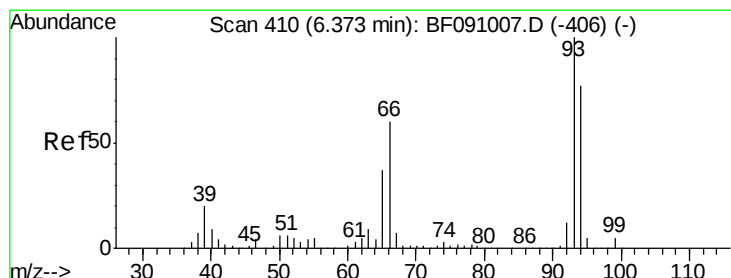
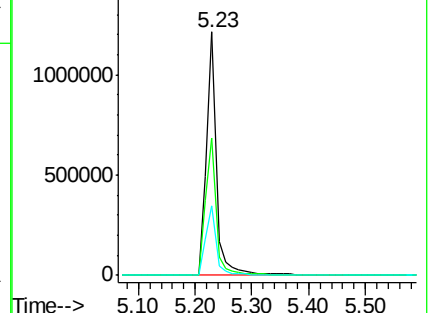
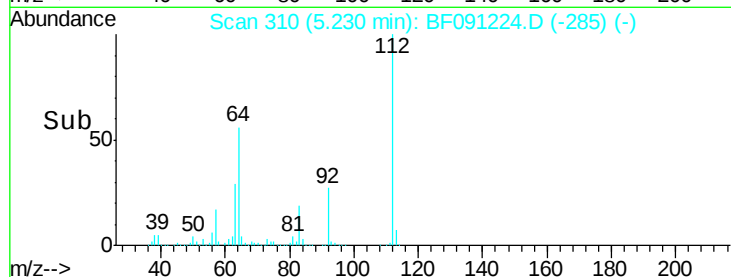
63 28.7 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.32 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

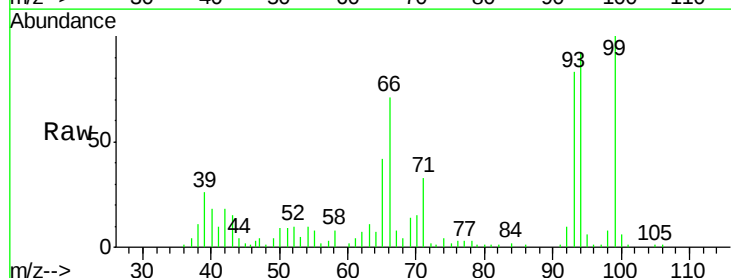
Tgt Ion: 93 Resp: 116662

Ion Ratio Lower Upper

93 100

66 84.8 48.2 72.2#

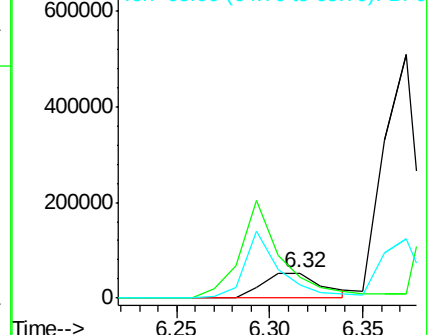
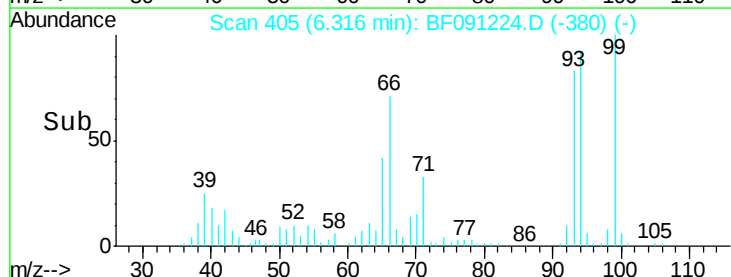
65 50.7 29.4 44.0#

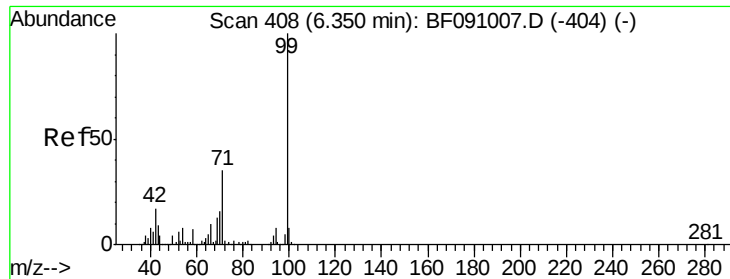


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.82 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

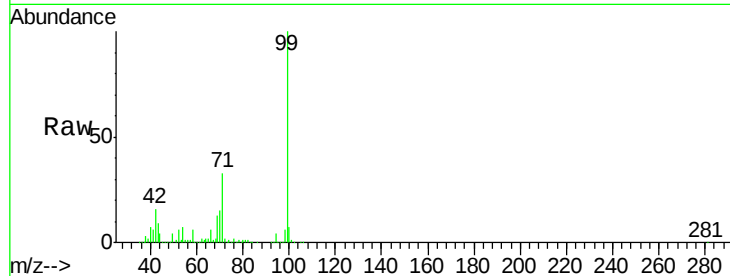
Tot Ion: 99 Resp: 1657022

Ion Ratio Lower Upper

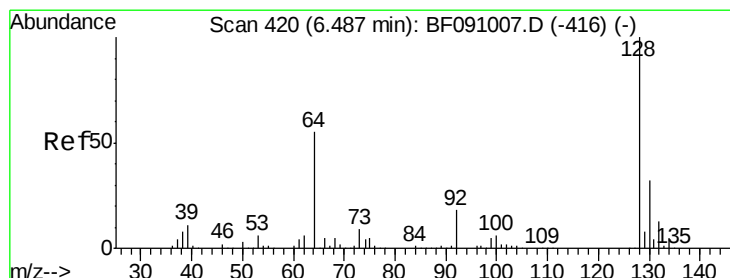
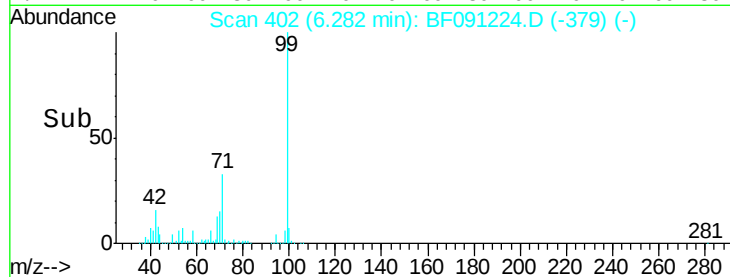
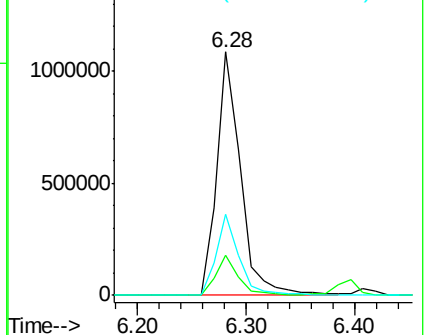
99 100

42 16.3 13.9 20.9

71 33.2 27.8 41.8



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



#8

2-Chlorophenol

Concen: 42.58 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

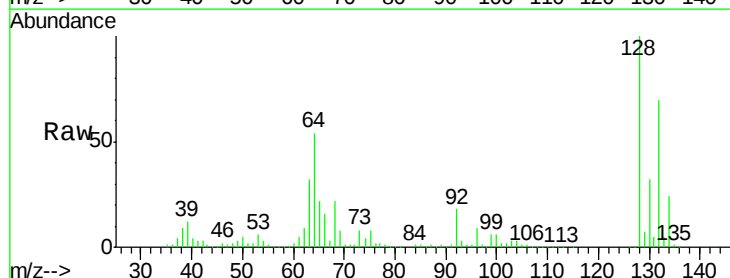
Tgt Ion: 128 Resp: 585985

Ion Ratio Lower Upper

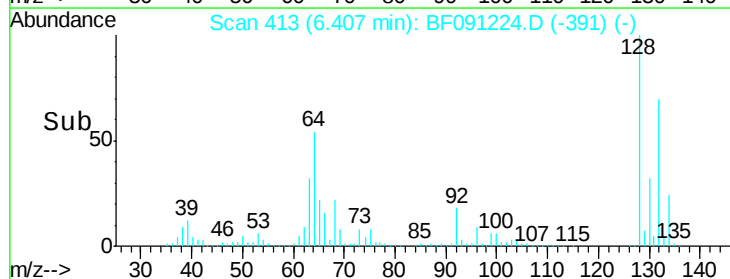
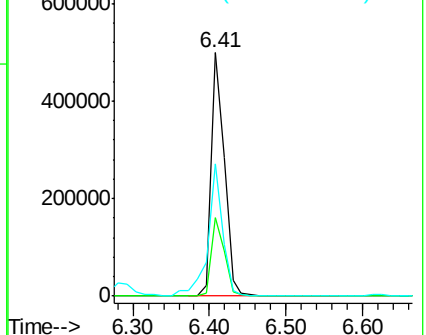
128 100

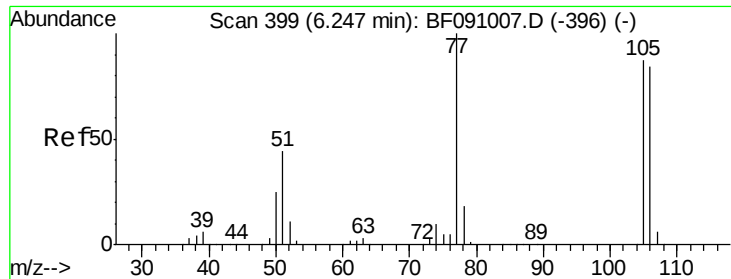
130 32.2 12.0 52.0

64 54.2 37.2 77.2



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: 4.60 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

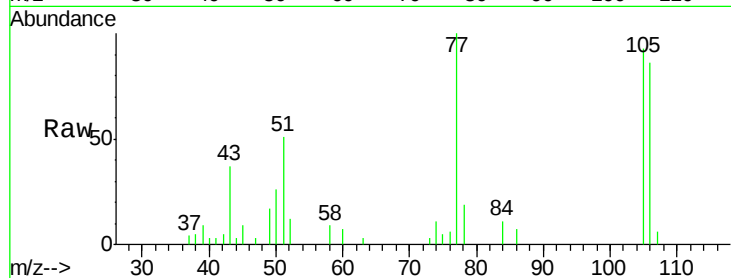
Tot Ion: 77 Resp: 39940

Ion Ratio Lower Upper

77 100

105 92.9 66.8 106.8

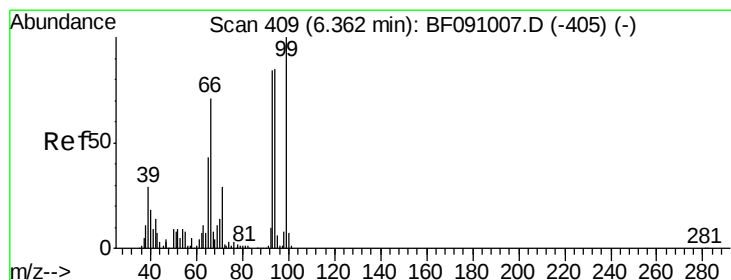
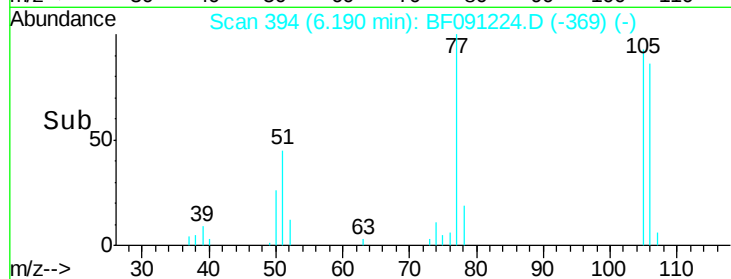
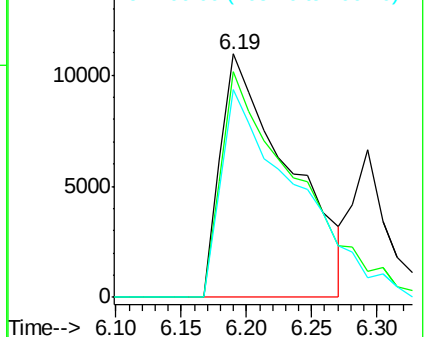
106 85.6 64.0 104.0



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: 32.05 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

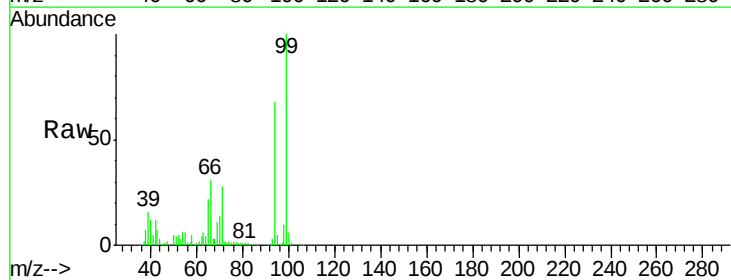
Tgt Ion: 94 Resp: 555528

Ion Ratio Lower Upper

94 100

65 31.8 30.4 70.4

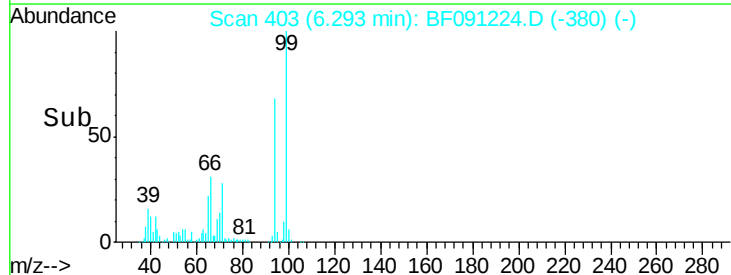
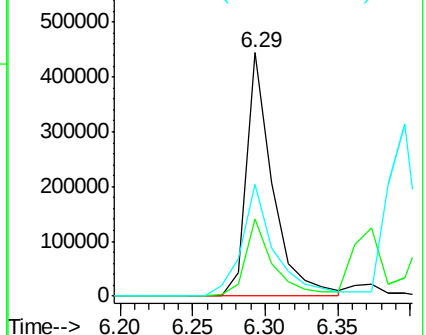
66 45.7 62.9 102.9#

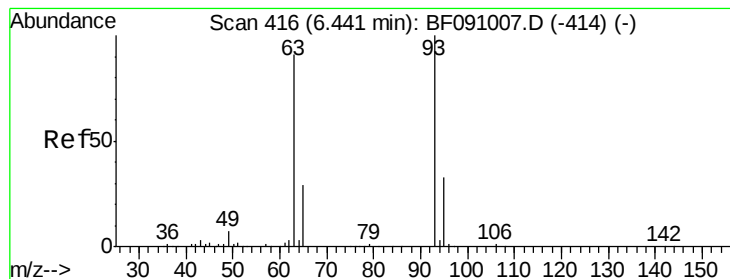


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.66 ng

RT: 6.37 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

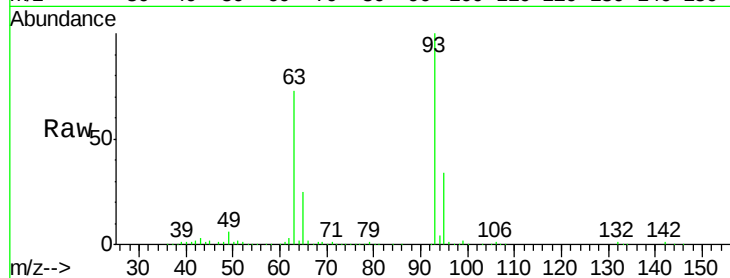
Tot Ion: 93 Resp: 637602

Ion Ratio Lower Upper

93 100

63 73.4 68.9 108.9

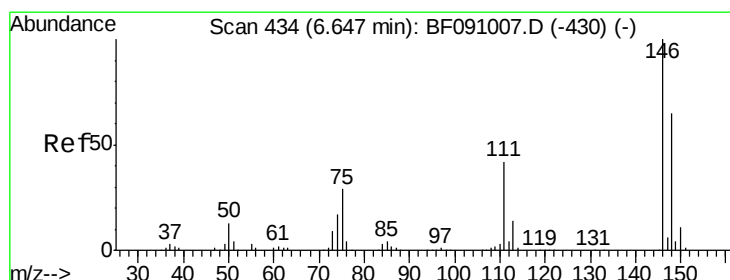
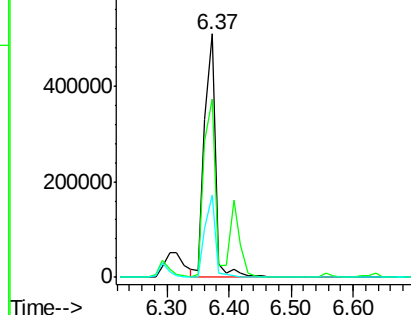
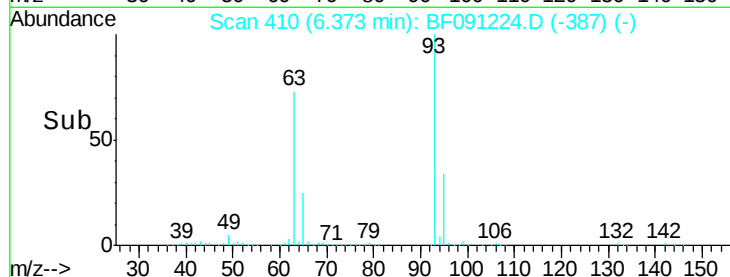
95 33.6 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.31 ng m

RT: 6.56 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

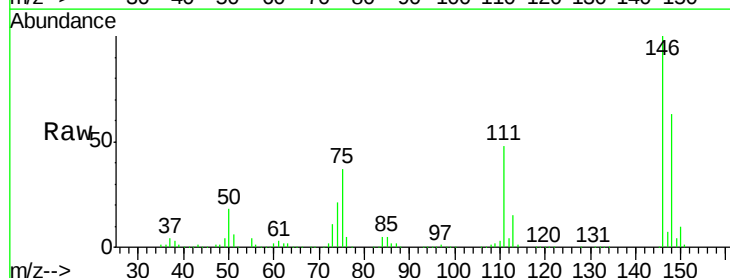
Tgt Ion: 146 Resp: 588902

Ion Ratio Lower Upper

146 100

148 62.7 52.0 78.0

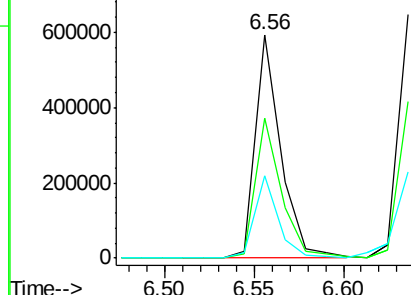
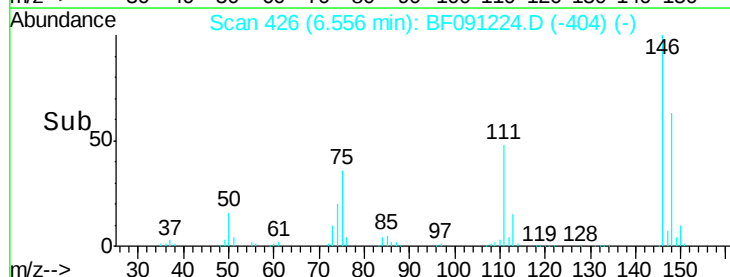
75 36.6 23.0 34.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

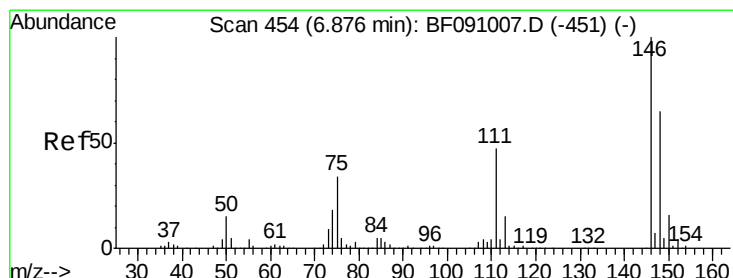
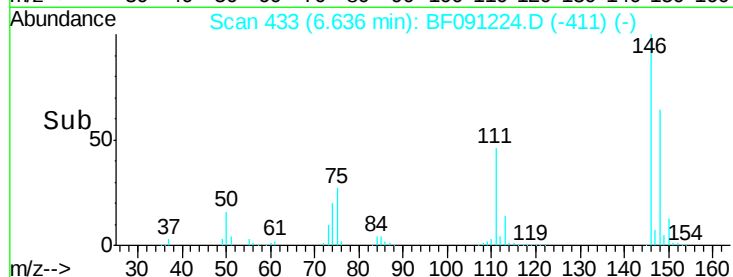
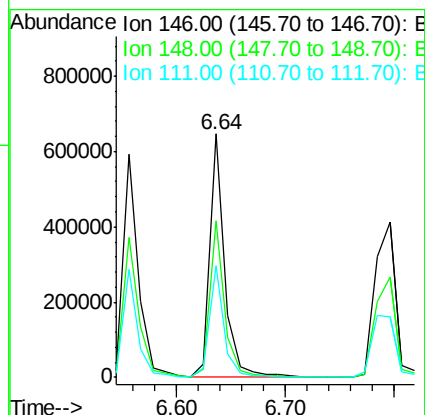
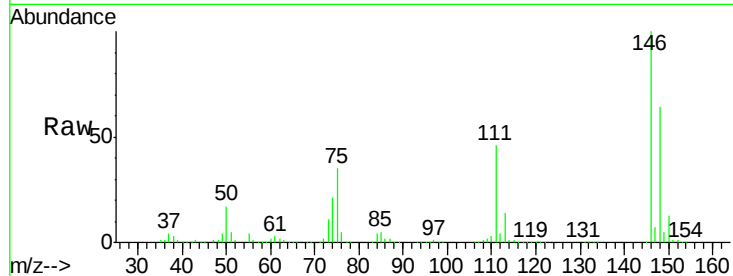




#13  
 1,4-Dichlorobenzene  
 Concen: 41.87 ng  
 RT: 6.64 min Scan# 433  
 Delta R.T. -0.05 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

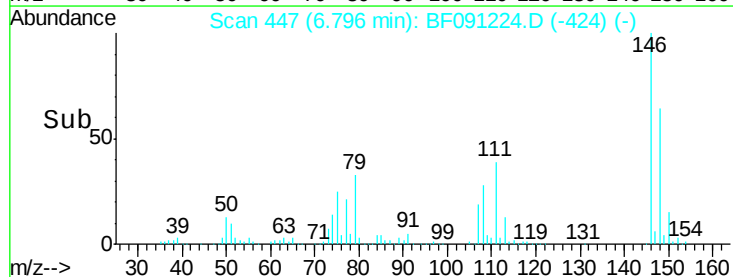
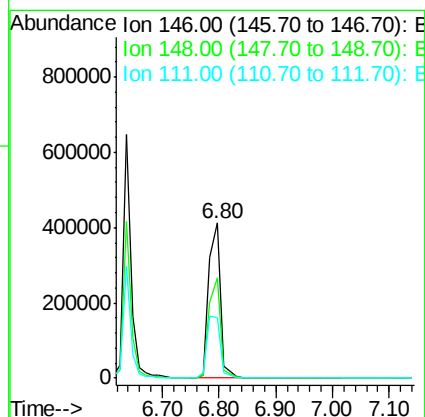
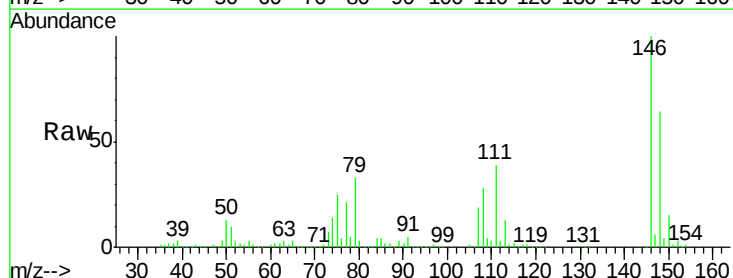
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

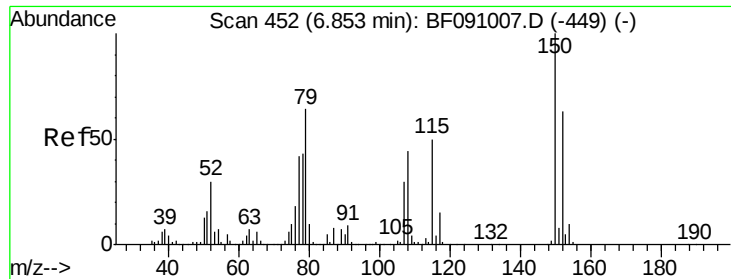
Tot Ion:146 Resp: 625283  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 52.1 78.1  
 111 45.8 31.6 47.4



#14  
 1,2-Dichlorobenzene  
 Concen: 40.50 ng  
 RT: 6.80 min Scan# 447  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:146 Resp: 555129  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 51.6 77.4  
 111 38.9 37.3 55.9





#15

Benzyl Alcohol

Concen: 44.34 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

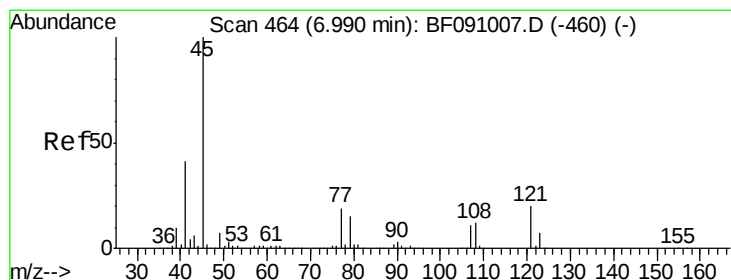
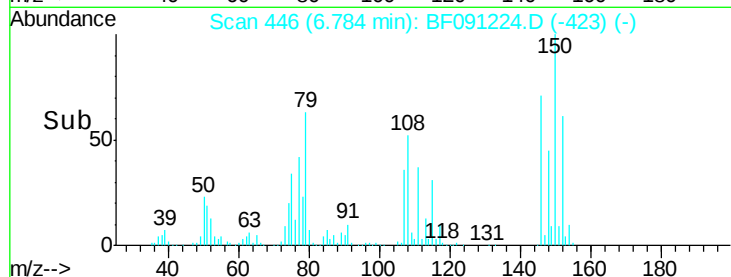
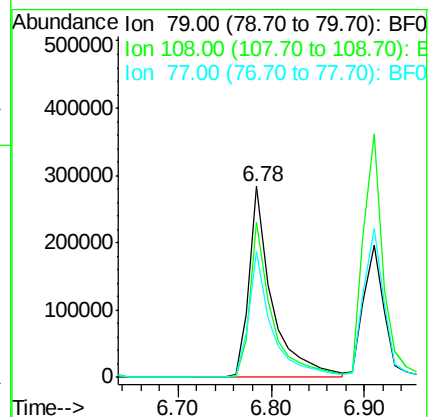
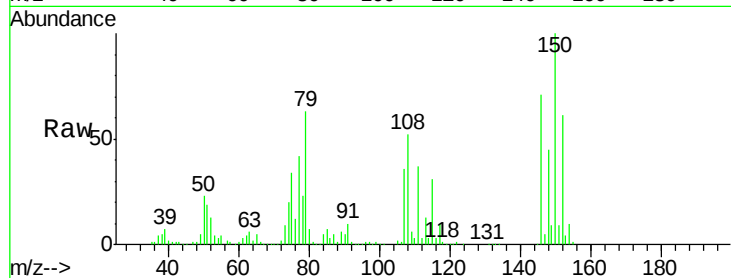
Tot Ion: 79 Resp: 489802

Ion Ratio Lower Upper

79 100

108 81.7 55.7 83.5

77 66.0 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.30 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

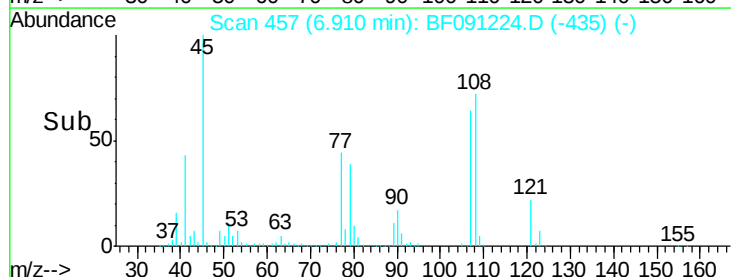
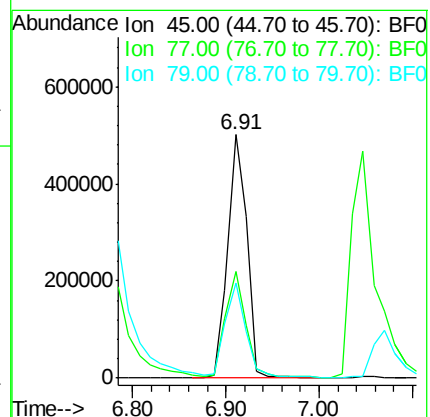
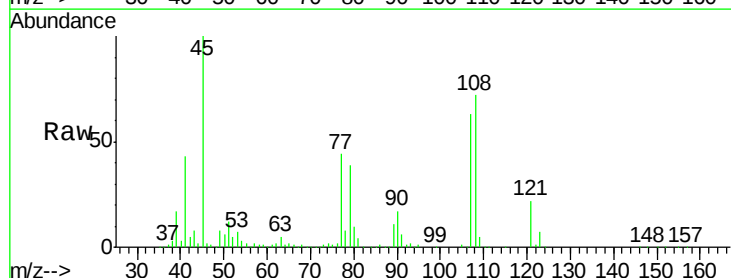
Tgt Ion: 45 Resp: 717181

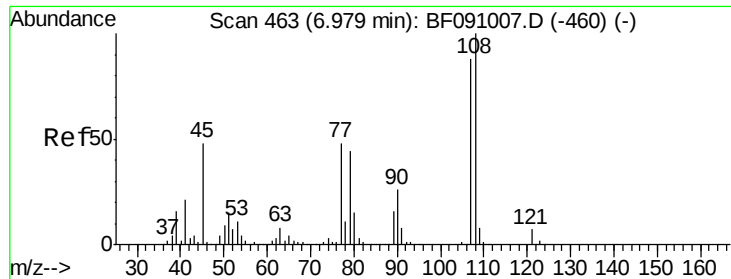
Ion Ratio Lower Upper

45 100

77 44.0 0.0 39.6#

79 39.1 0.0 35.9#





#17

2-Methylphenol

Concen: 42.21 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

Tot Ion:107 Resp: 459806

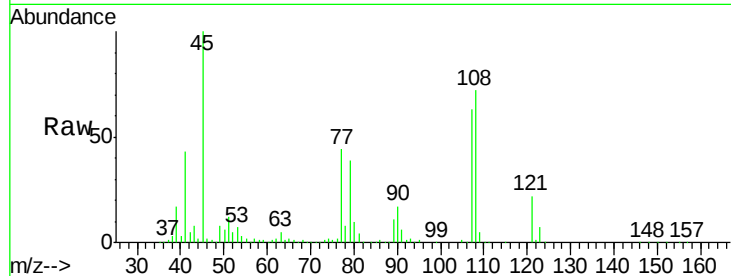
Ion Ratio Lower Upper

107 100

108 113.7 91.0 136.6

77 69.4 43.8 65.8#

79 61.6 40.6 60.8#

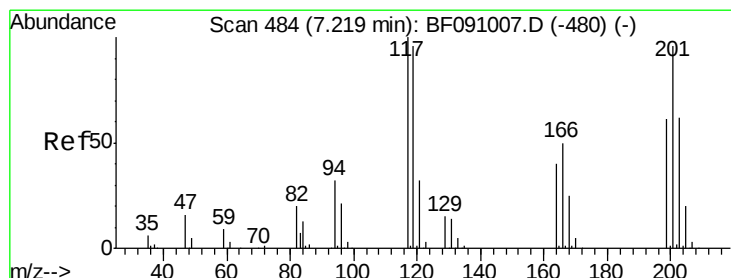
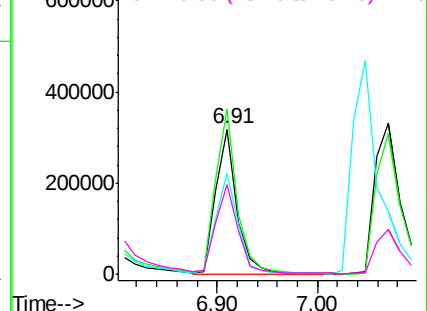
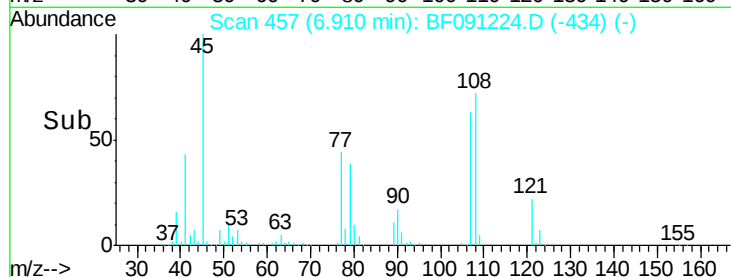


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.86 ng

RT: 7.13 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

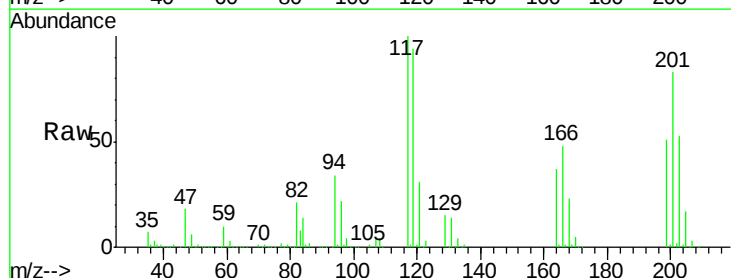
Tgt Ion:117 Resp: 236148

Ion Ratio Lower Upper

117 100

119 94.3 76.6 115.0

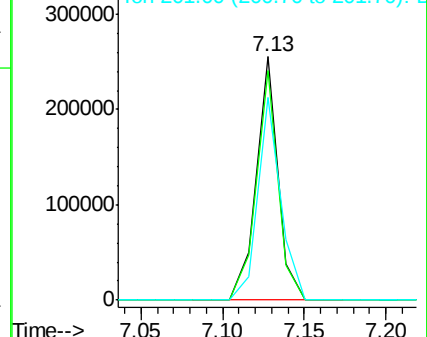
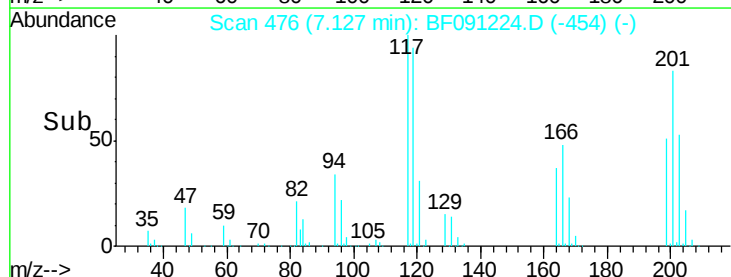
201 83.3 77.1 115.7

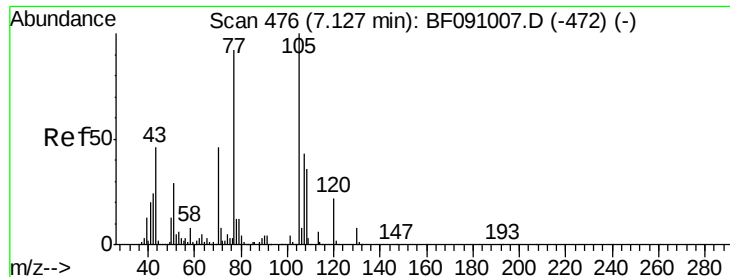


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.71 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

Tot Ion: 70 Resp: 485137

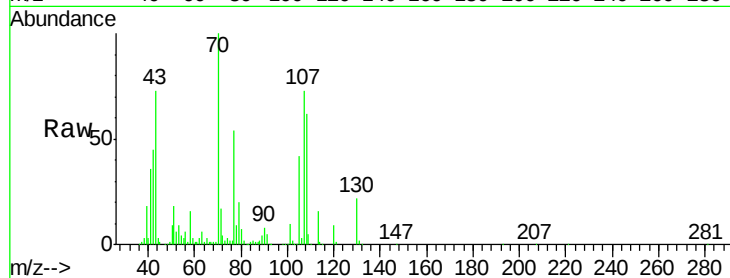
Ion Ratio Lower Upper

70 100

42 45.2 41.7 62.5

101 9.8 6.7 10.1

130 22.3 13.8 20.8#



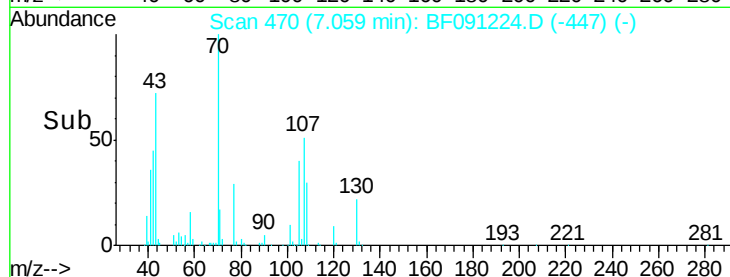
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



Abundance

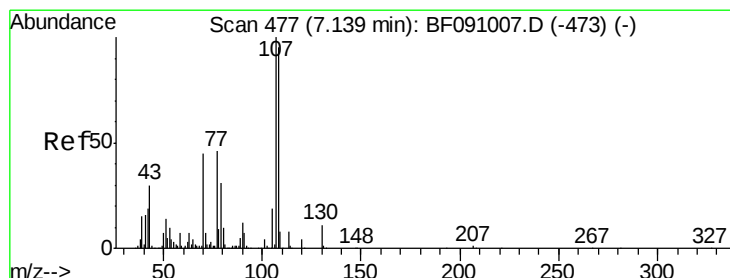
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



#20

3+4-Methylphenols

Concen: 46.83 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Tgt Ion: 107 Resp: 612536

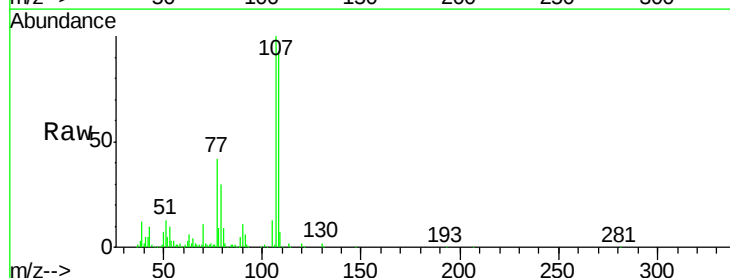
Ion Ratio Lower Upper

107 100

108 93.1 75.5 115.5

77 41.6 26.4 66.4

79 30.0 11.1 51.1



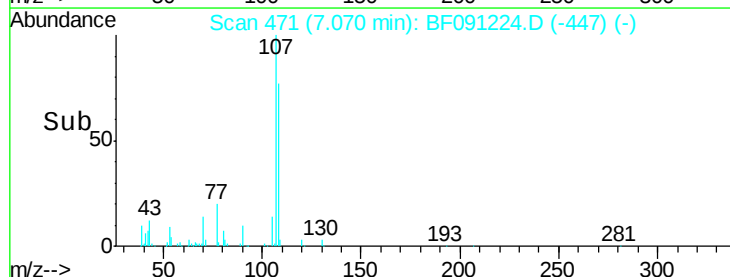
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



Abundance

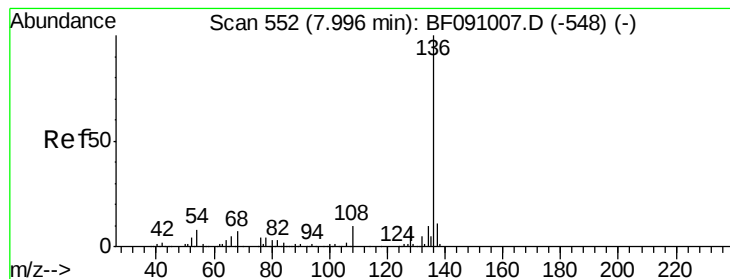
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

Tot Ion:136 Resp: 817765

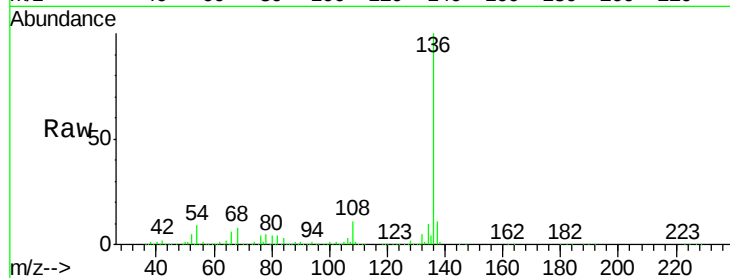
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.3 6.2 9.2#

68 8.0 5.5 8.3

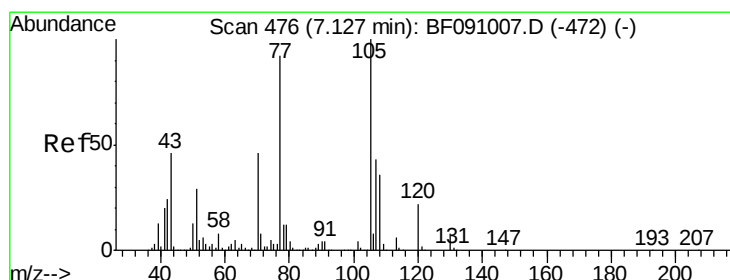
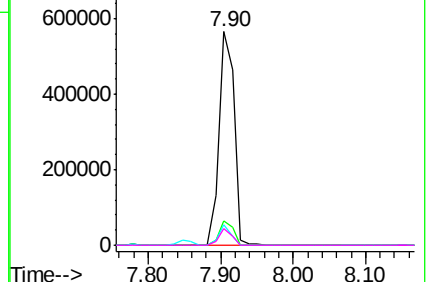
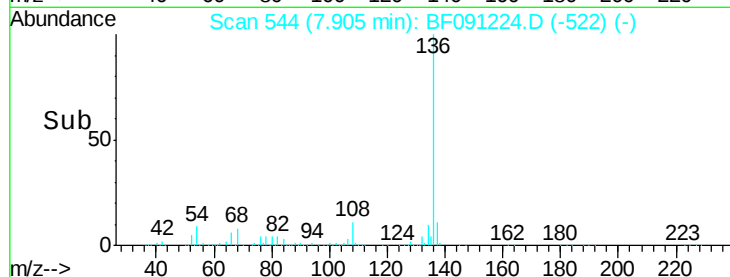


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.55 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Tgt Ion:105 Resp: 857585

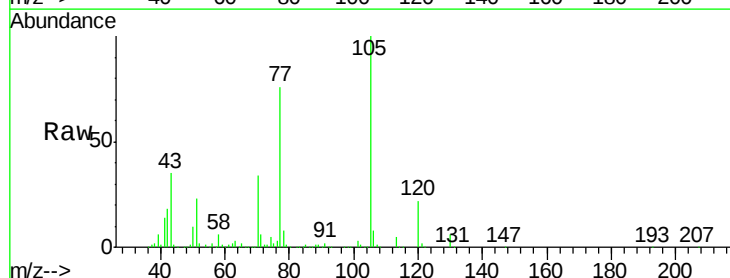
Ion Ratio Lower Upper

105 100

71 5.7 6.2 9.2#

51 23.1 23.3 34.9#

120 21.8 17.4 26.0

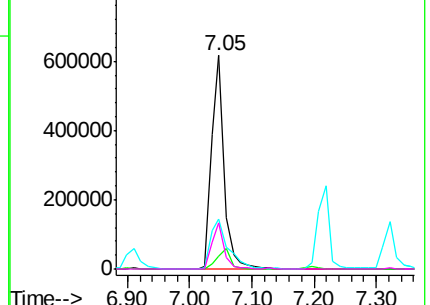
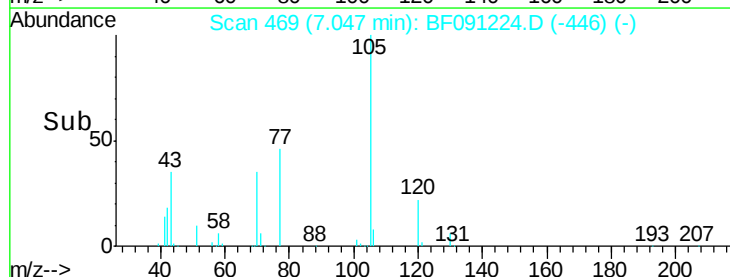


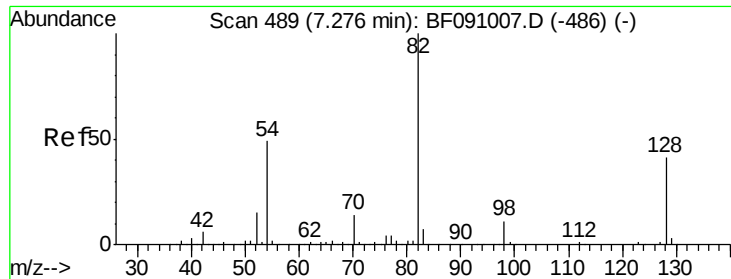
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



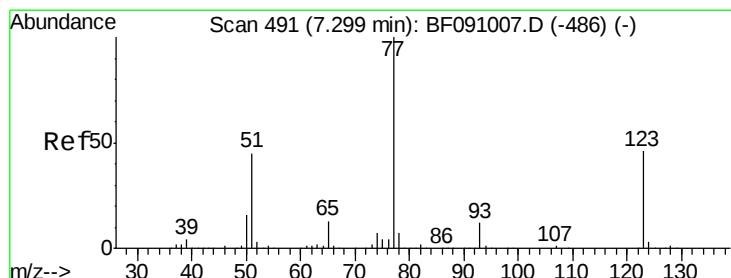
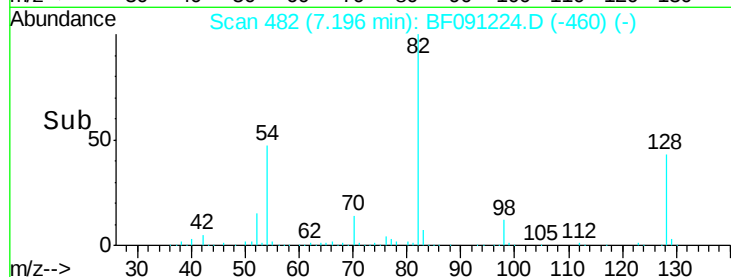
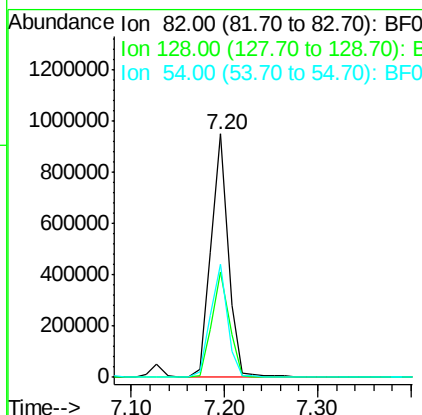
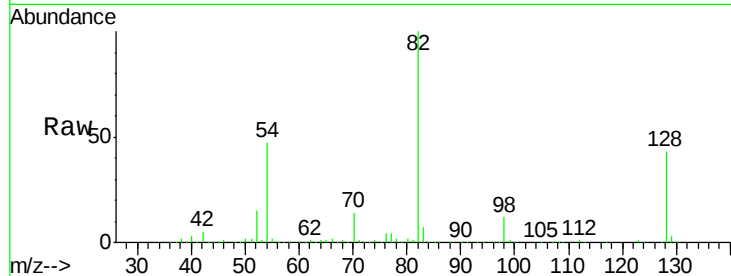


#23  
 Nitrobenzene-d5  
 Concen: 82.39 ng  
 RT: 7.20 min Scan# 482  
 Delta R.T. -0.05 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

Tot Ion: 82 Resp: 1235107  

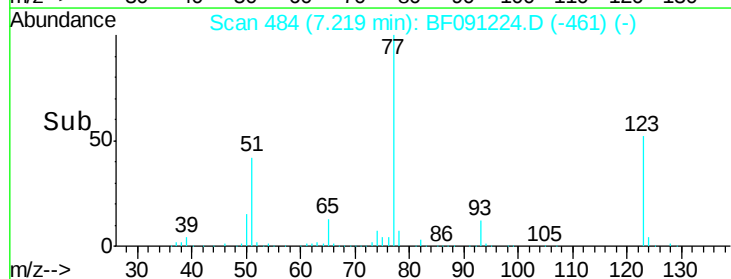
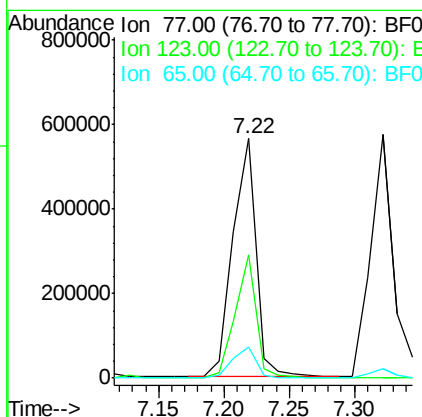
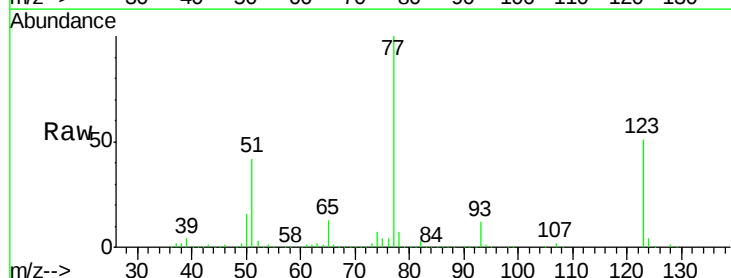
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.4  | 32.4  | 48.6  |
| 54  | 46.6  | 39.2  | 58.8  |



#24  
 Nitrobenzene  
 Concen: 41.99 ng  
 RT: 7.22 min Scan# 484  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion: 77 Resp: 695191  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 51.3  | 36.5  | 54.7  |
| 65  | 12.8  | 10.7  | 16.1  |





#25

Isophorone

Concen: 44.04 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

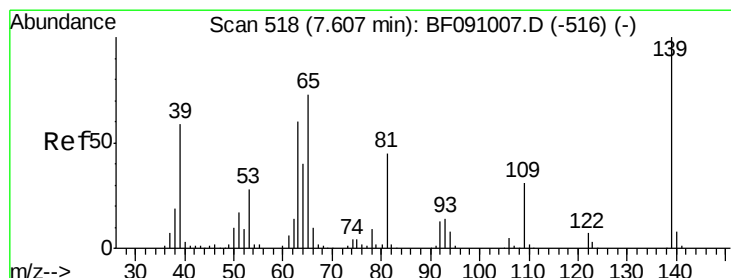
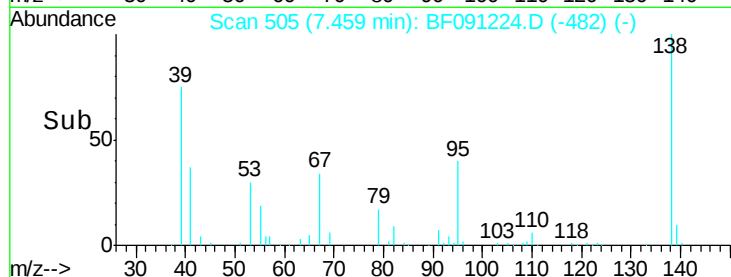
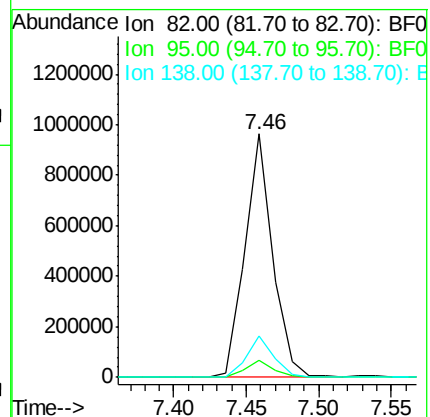
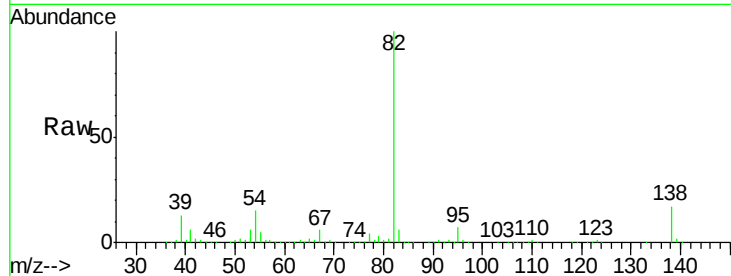
Tot Ion: 82 Resp: 1272255

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

138 16.9 13.0 19.4



#26

2-Nitrophenol

Concen: 45.63 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

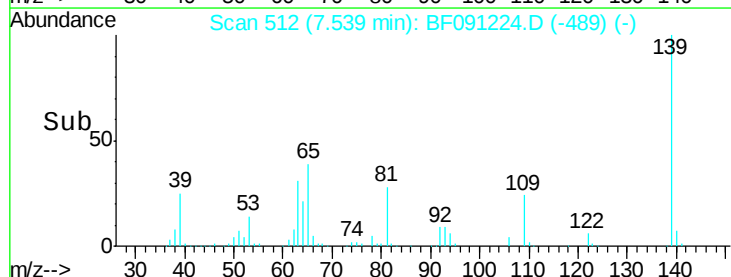
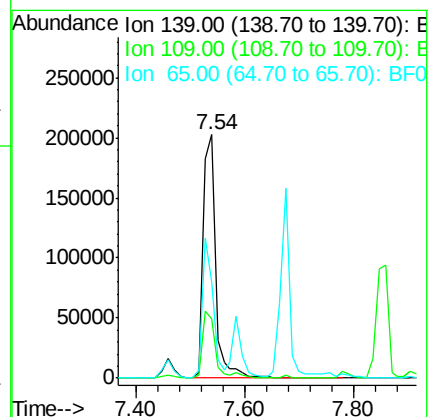
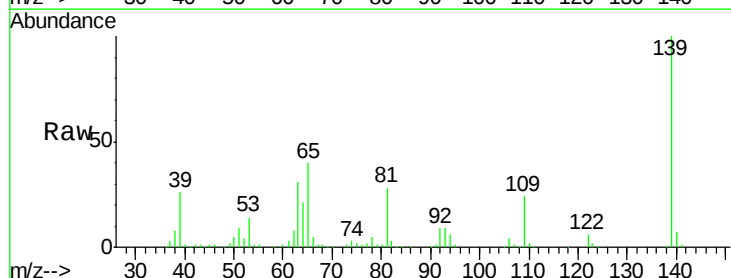
Tgt Ion: 139 Resp: 319696

Ion Ratio Lower Upper

139 100

109 24.3 24.7 37.1#

65 39.6 58.3 87.5#





#27

2,4-Dimethylphenol

Concen: 43.94 ng

RT: 7.58 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

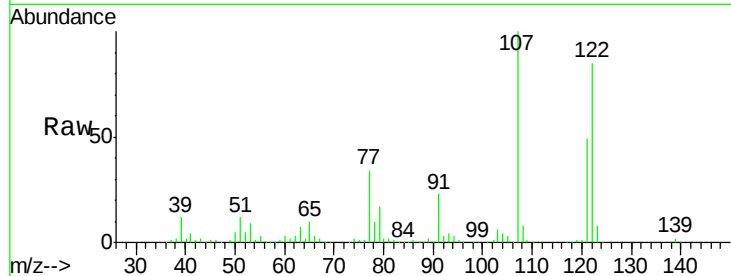
Tot Ion:122 Resp: 509167

Ion Ratio Lower Upper

122 100

107 117.4 89.6 134.4

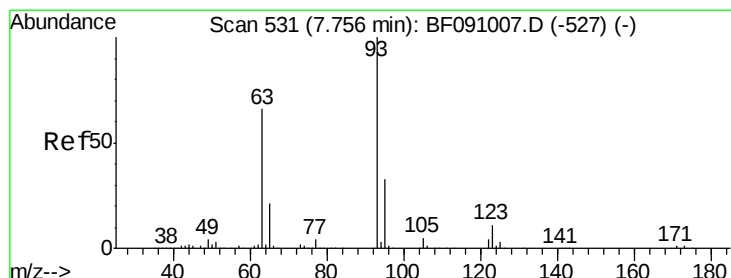
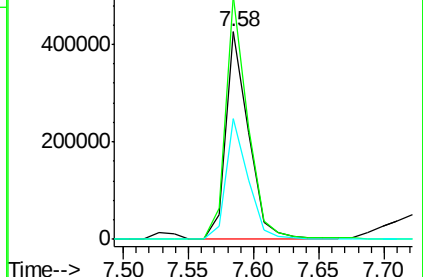
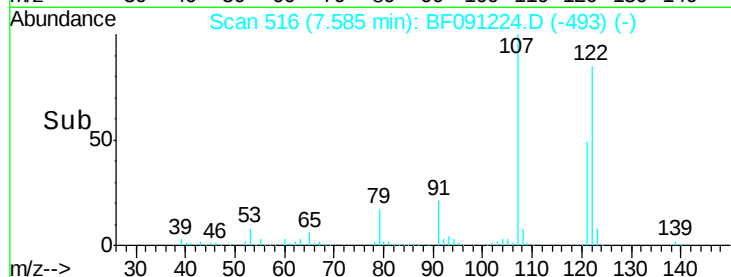
121 57.9 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.10 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

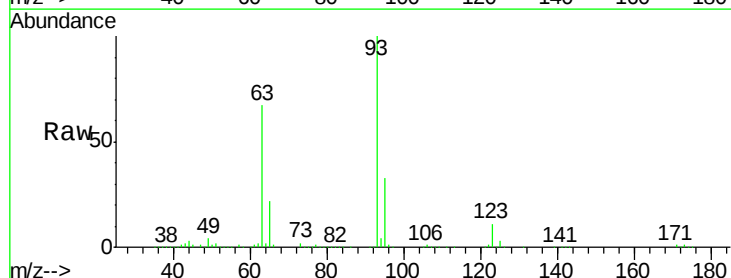
Tgt Ion: 93 Resp: 790631

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

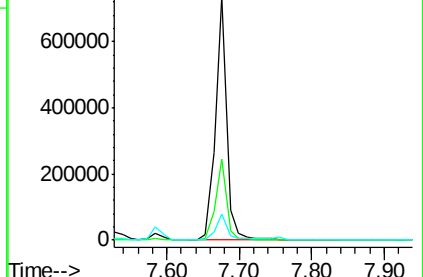
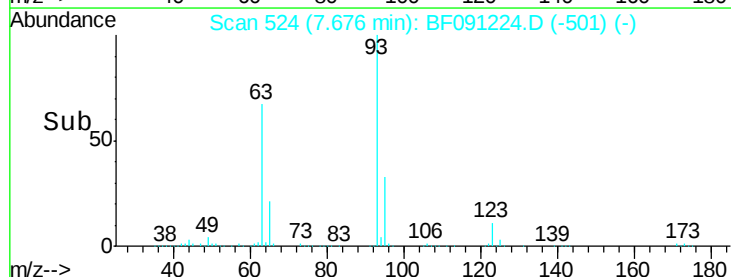
123 10.9 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

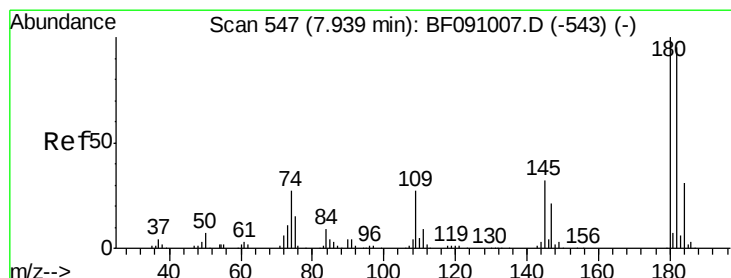
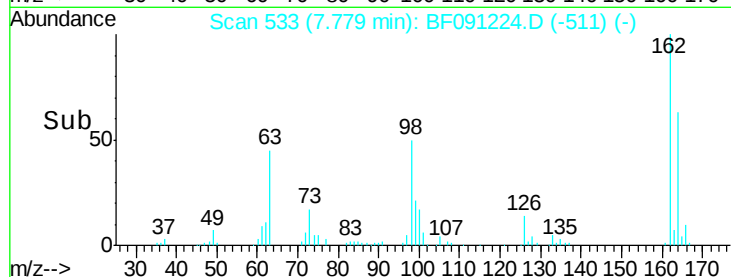
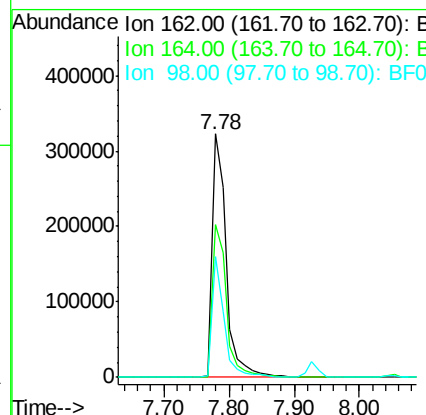
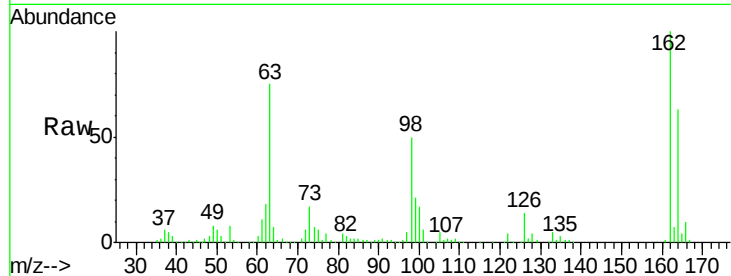




#29  
 2,4-Dichlorophenol  
 Concen: 48.07 ng  
 RT: 7.78 min Scan# 533  
 Delta R.T. -0.05 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

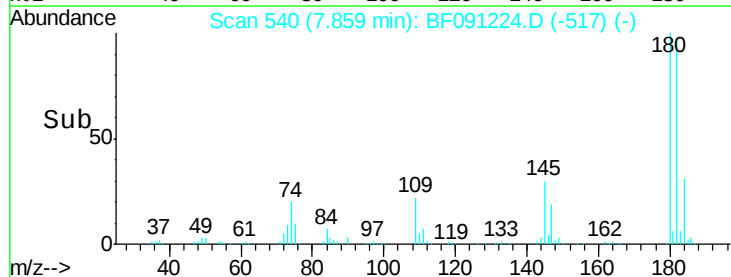
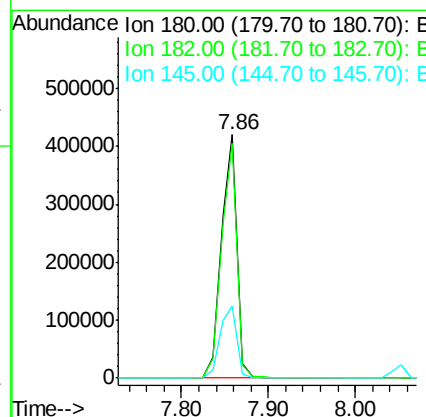
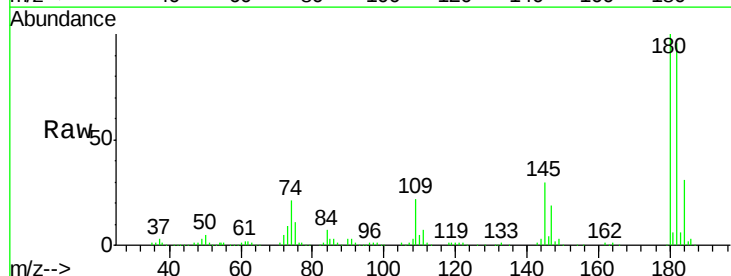
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

Tot Ion:162 Resp: 486111  
 Ion Ratio Lower Upper  
 162 100  
 164 62.6 44.4 84.4  
 98 49.7 25.2 65.2



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.61 ng  
 RT: 7.86 min Scan# 540  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:180 Resp: 529922  
 Ion Ratio Lower Upper  
 180 100  
 182 96.5 76.0 114.0  
 145 29.8 25.8 38.8





#31

Naphthalene

Concen: 45.04 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

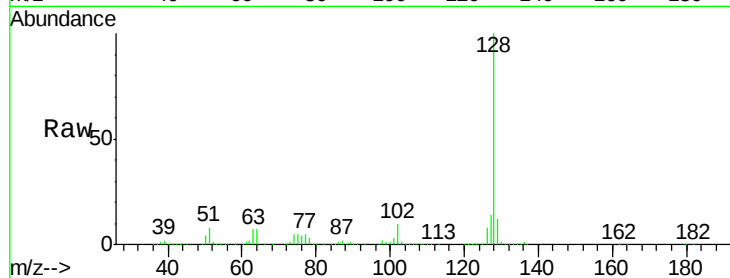
Tot Ion:128 Resp: 1761529

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

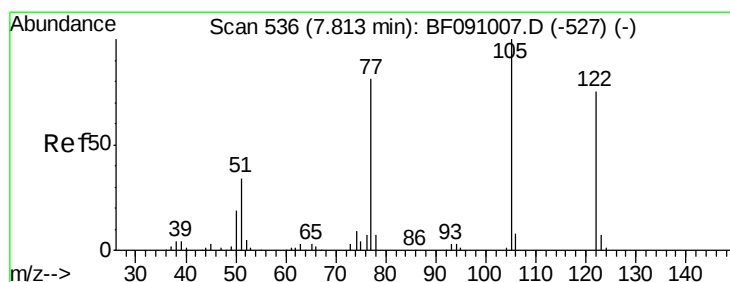
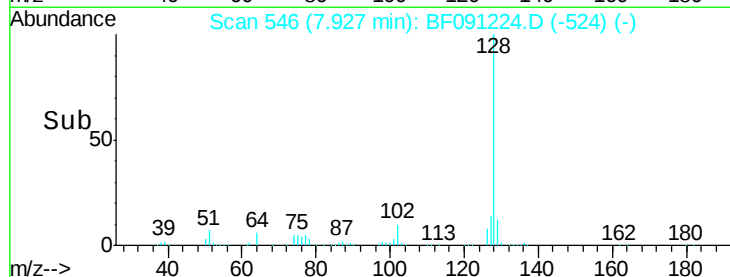
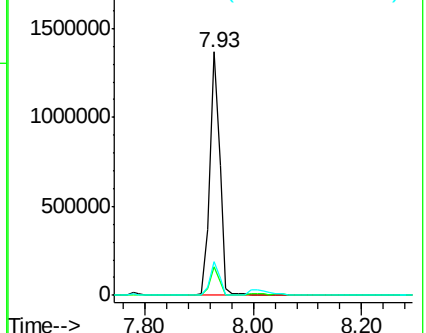
127 13.8 10.9 16.3



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: 31.64 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

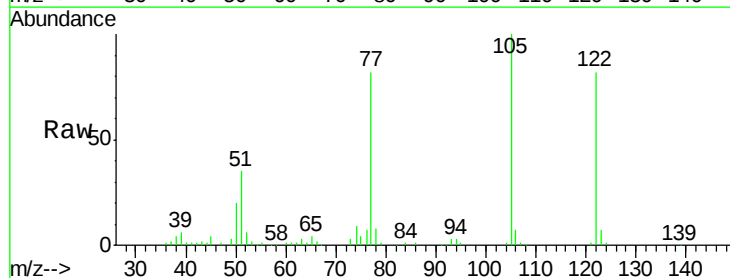
Tgt Ion:122 Resp: 268523

Ion Ratio Lower Upper

122 100

105 121.9 105.9 145.9

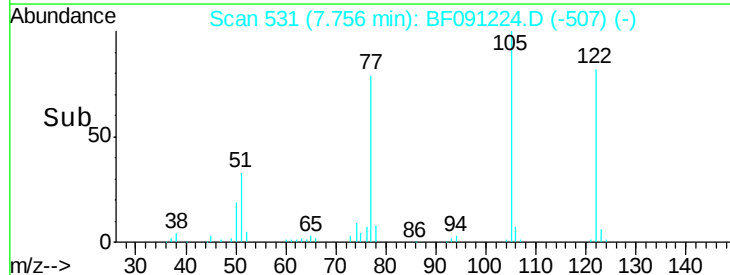
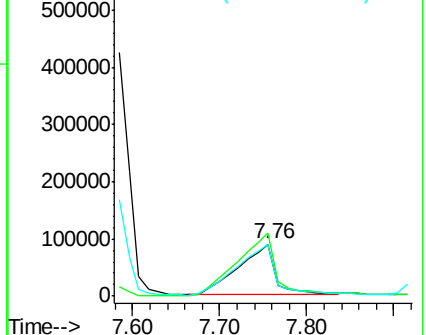
77 100.1 84.0 124.0

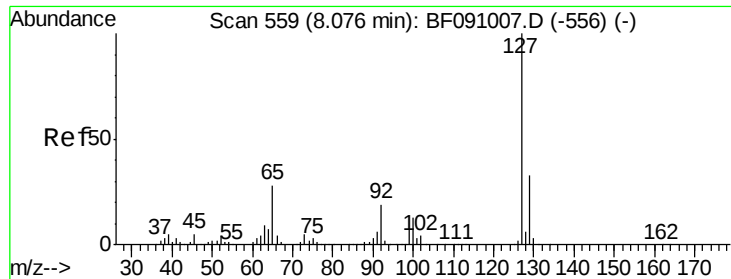


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

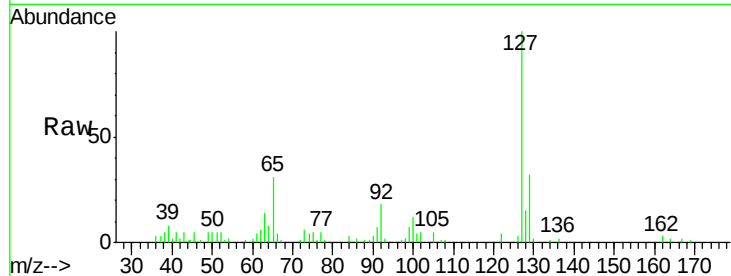




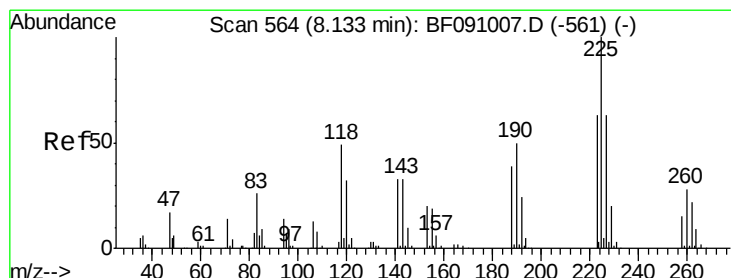
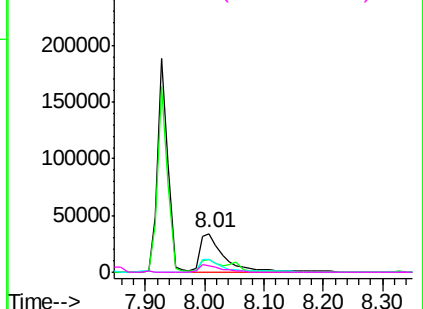
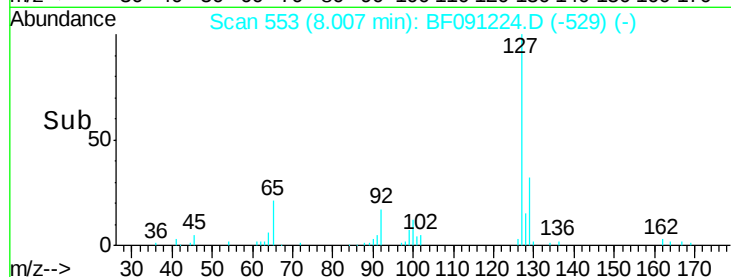
#33  
4-Chloroaniline  
Concen: 5.83 ng  
RT: 8.01 min Scan# 553  
Delta R.T. -0.02 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-COMPMSD

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 94766     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.9  | 26.6 39.8 |
| 65          | 31.3  | 22.2 33.2 |
| 92          | 18.0  | 15.0 22.4 |

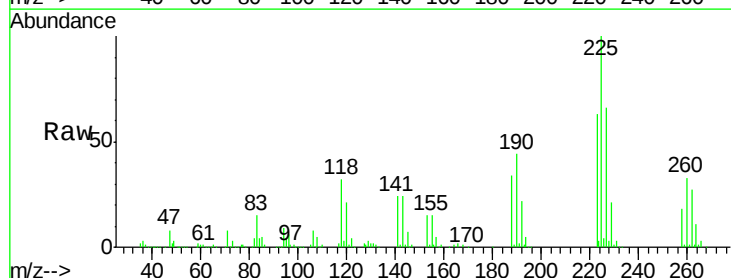


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

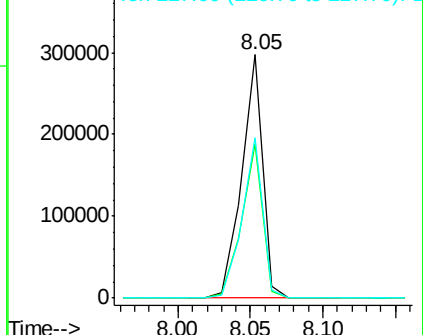
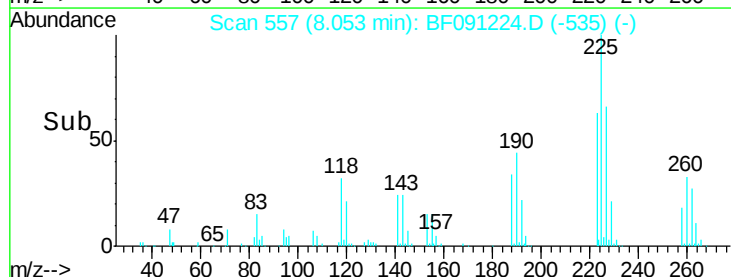


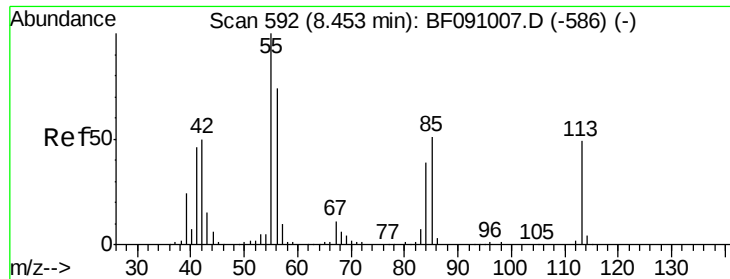
#34  
Hexachlorobutadiene  
Concen: 48.34 ng  
RT: 8.05 min Scan# 557  
Delta R.T. -0.05 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 296679    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.2  | 50.4 75.6 |
| 227         | 65.8  | 50.1 75.1 |



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

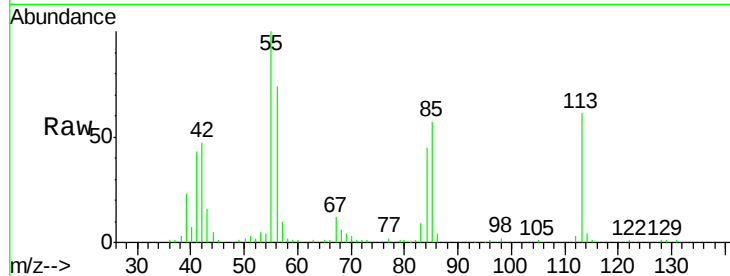




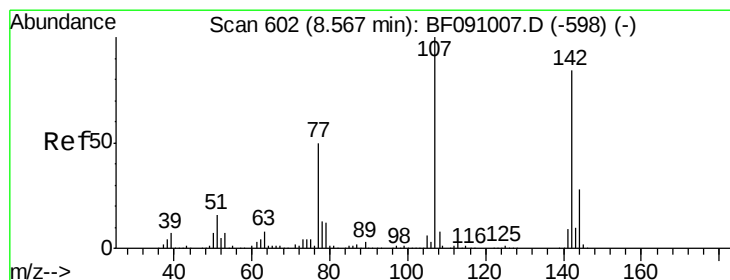
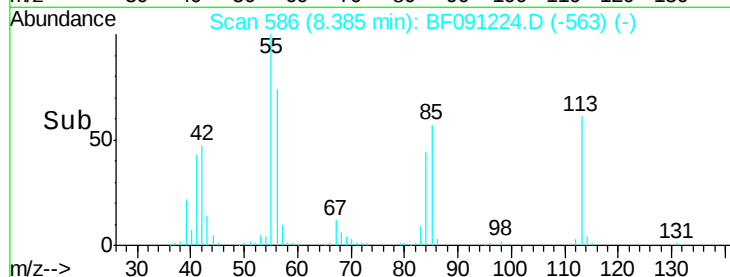
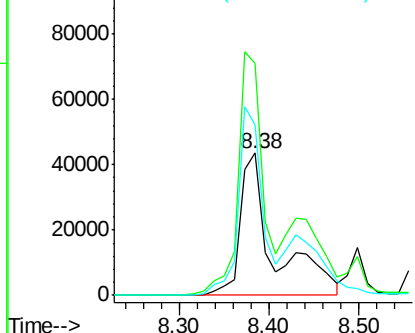
#35  
 Caprolactam  
 Concen: 35.83 ng/ml  
 RT: 8.38 min Scan# 586  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SB-COMPMSD

Tot Ion:113 Resp: 113822  
 Ion Ratio Lower Upper  
 113 100  
 55 163.3 184.1 224.1#  
 56 120.7 132.0 172.0#

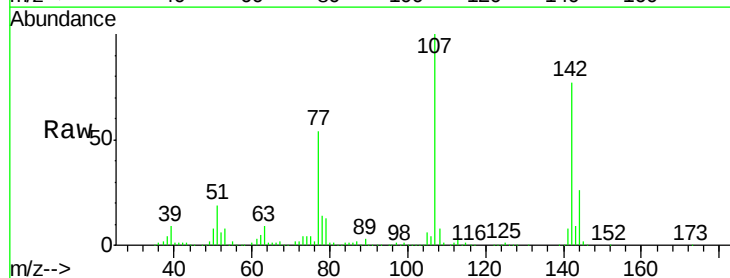


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

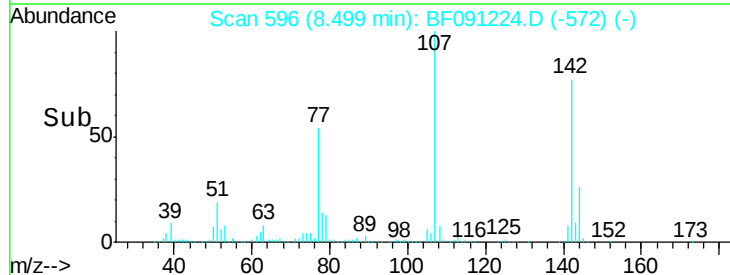
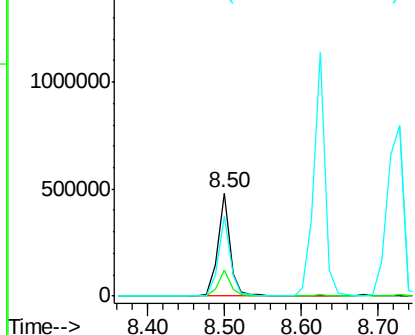


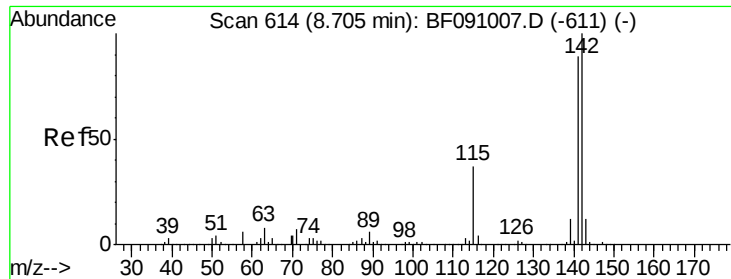
#36  
 4-Chloro-3-methylphenol  
 Concen: 44.32 ng/ml  
 RT: 8.50 min Scan# 596  
 Delta R.T. -0.02 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:107 Resp: 542572  
 Ion Ratio Lower Upper  
 107 100  
 144 25.5 22.5 33.7  
 142 77.4 67.4 101.2



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

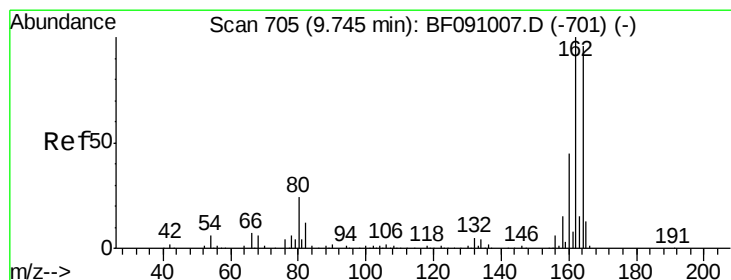
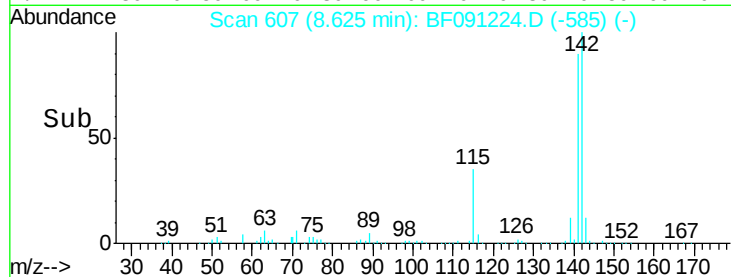
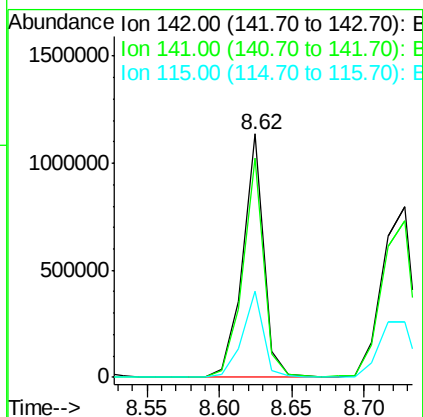
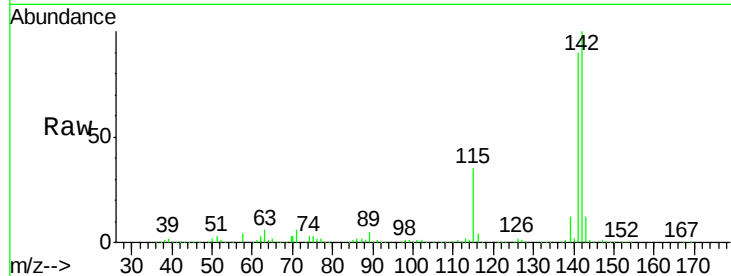




#37  
2-Methylnaphthalene  
Concen: 45.84 ng  
RT: 8.62 min Scan# 607  
Delta R.T. -0.05 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

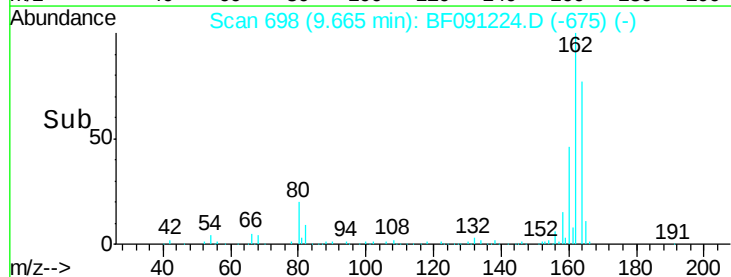
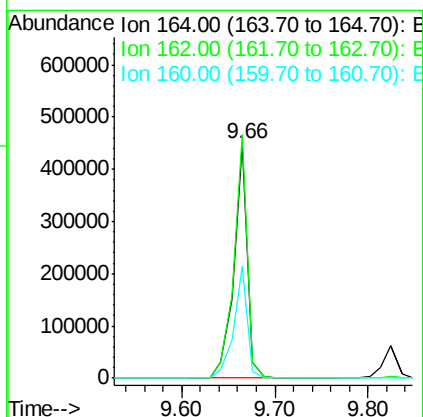
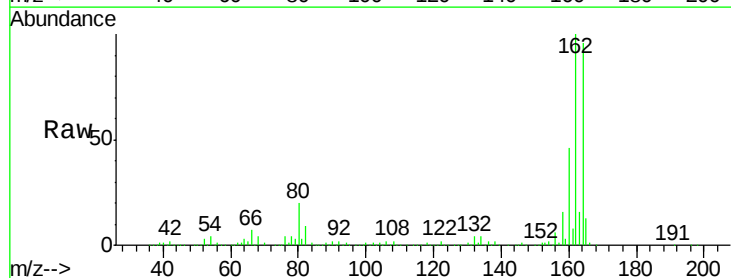
Instrument :  
BNA\_F  
ClientSampleId :  
SB-COMPMSD

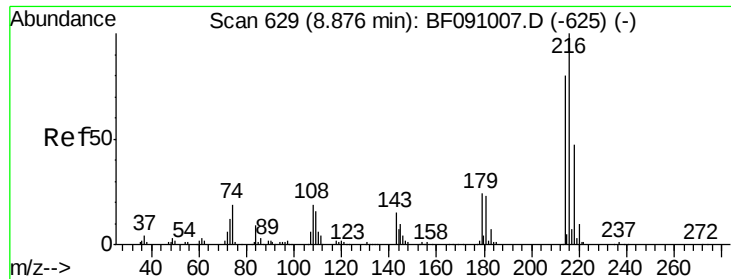
Tot Ion:142 Resp: 1152478  
Ion Ratio Lower Upper  
142 100  
141 89.9 71.3 106.9  
115 35.4 29.9 44.9



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.66 min Scan# 698  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Tgt Ion:164 Resp: 455461  
Ion Ratio Lower Upper  
164 100  
162 104.1 83.6 125.4  
160 47.7 37.9 56.9

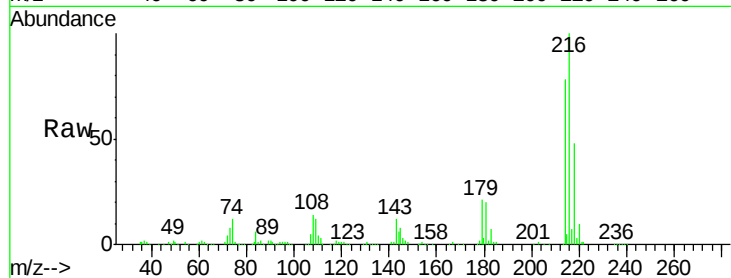




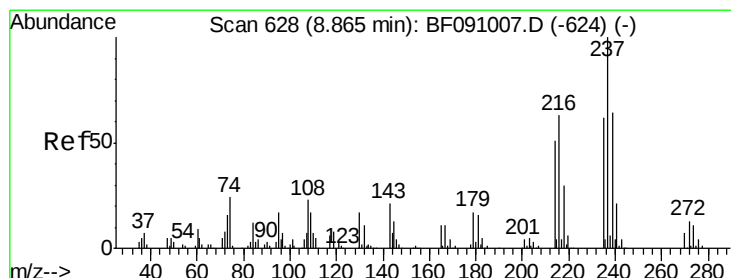
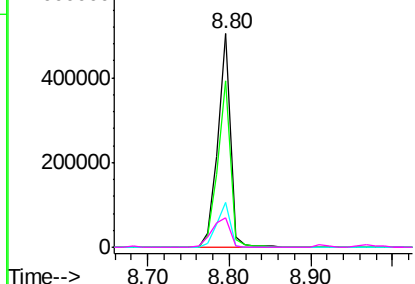
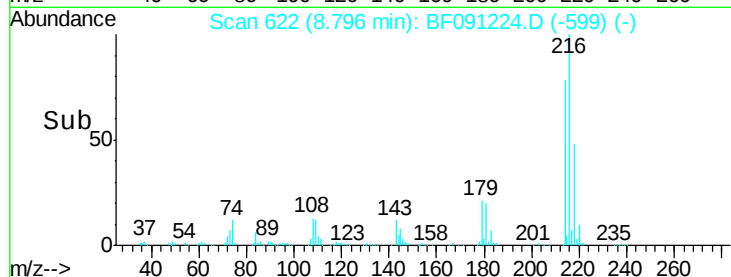
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.92 ng  
 RT: 8.80 min Scan# 622  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 544883    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 78.6  | 63.5 95.3 |
| 179         | 22.3  | 19.1 28.7 |
| 108         | 20.6  | 17.5 26.3 |

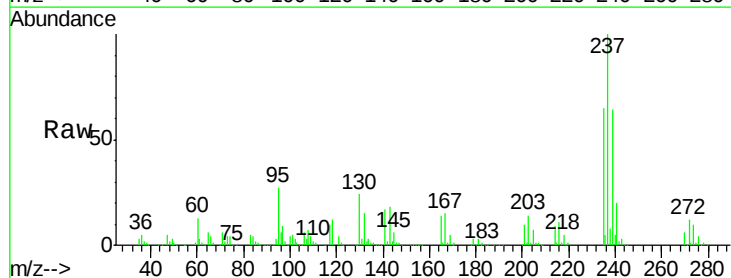


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

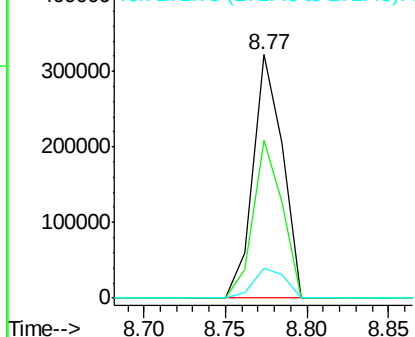
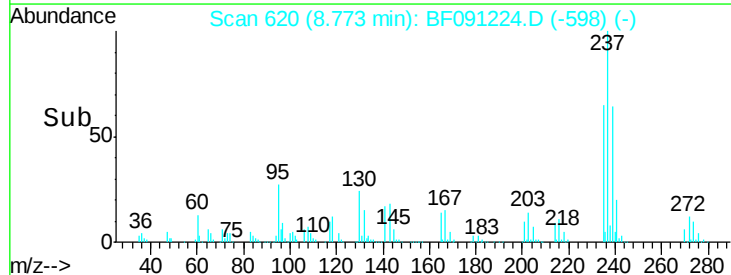


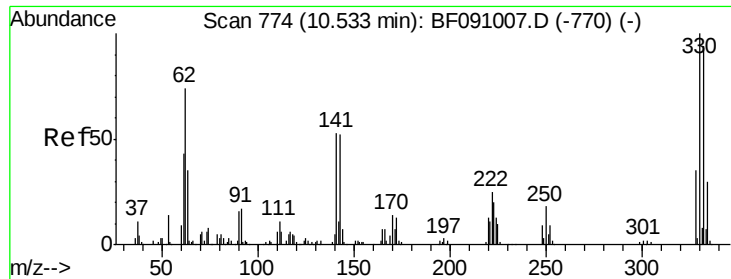
#40  
 Hexachlorocyclopentadiene  
 Concen: 89.05 ng  
 RT: 8.77 min Scan# 620  
 Delta R.T. -0.05 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 404902    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 64.6  | 42.1 82.1 |
| 272         | 12.3  | 0.0 33.1  |



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

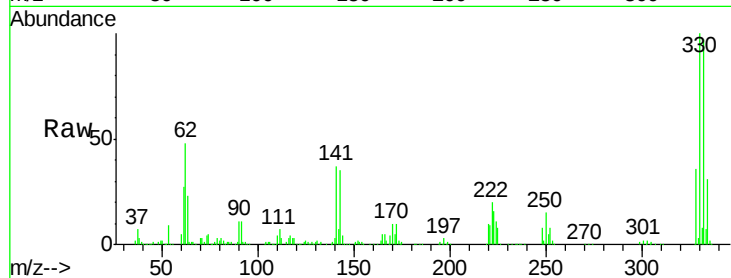




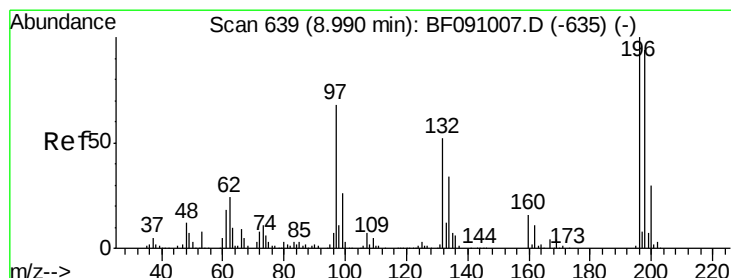
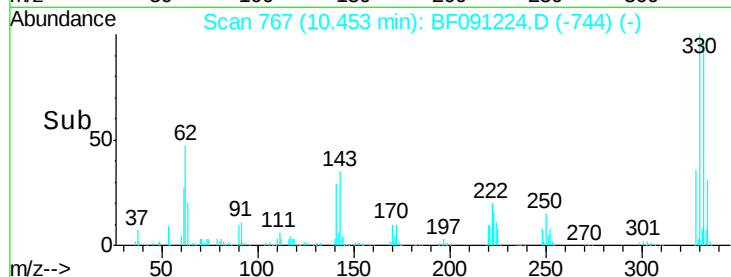
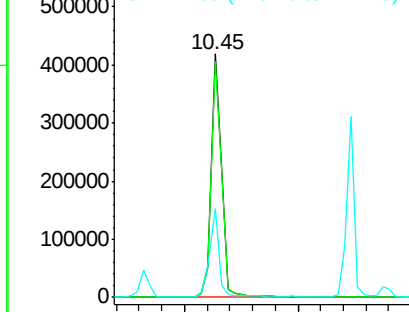
#41  
 2,4,6-Tribromophenol  
 Concen: 124.20 ng  
 RT: 10.45 min Scan# 767  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

Tot Ion:330 Resp: 511432  
 Ion Ratio Lower Upper  
 330 100  
 332 97.1 75.9 113.9  
 141 32.7 36.1 54.1#

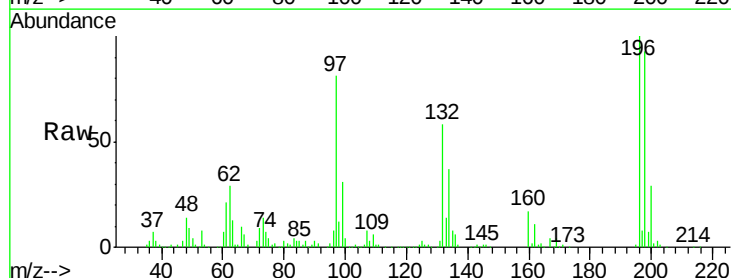


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

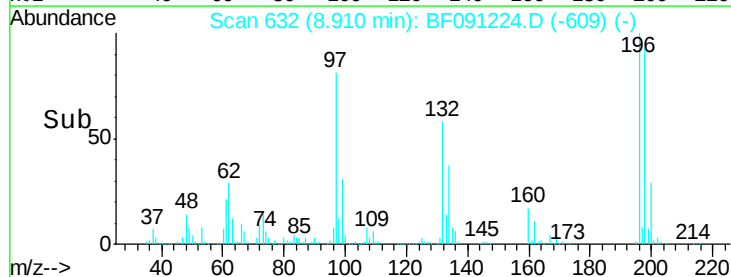
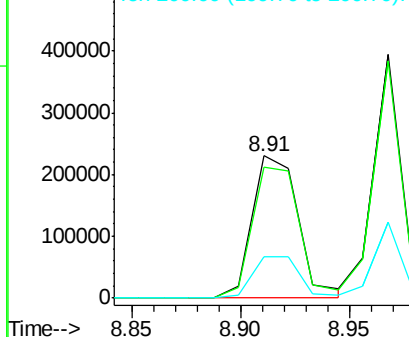


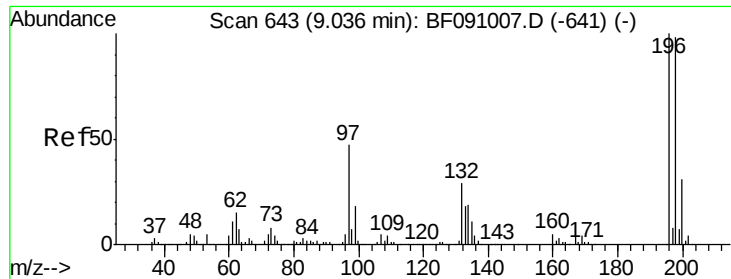
#42  
 2,4,6-Trichlorophenol  
 Concen: 45.44 ng  
 RT: 8.91 min Scan# 632  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:196 Resp: 340654  
 Ion Ratio Lower Upper  
 196 100  
 198 92.5 75.4 113.0  
 200 29.2 24.1 36.1



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

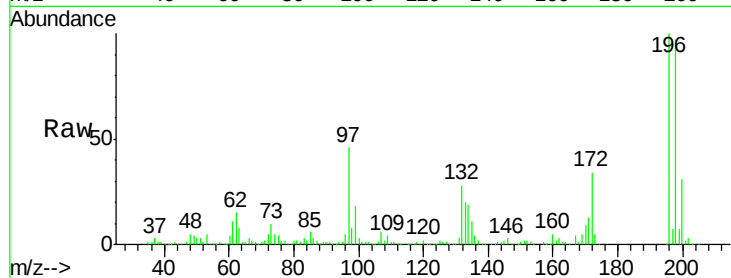




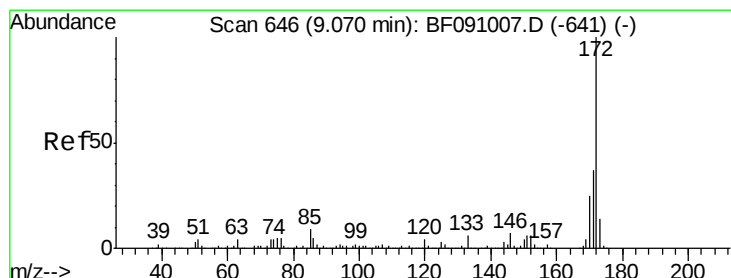
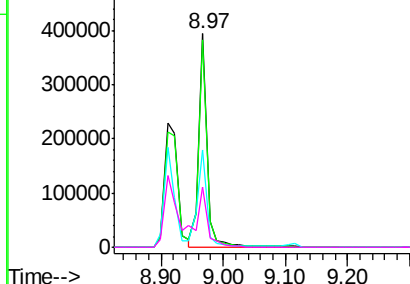
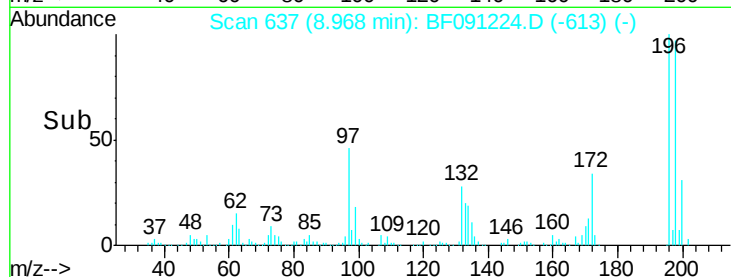
#43  
 2,4,5-Trichlorophenol  
 Concen: 47.69 ng  
 RT: 8.97 min Scan# 637  
 Delta R.T. -0.02 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

Tot Ion:196 Resp: 375392  
 Ion Ratio Lower Upper  
 196 100  
 198 97.2 78.2 117.4  
 97 45.9 38.8 58.2  
 132 28.2 23.5 35.3

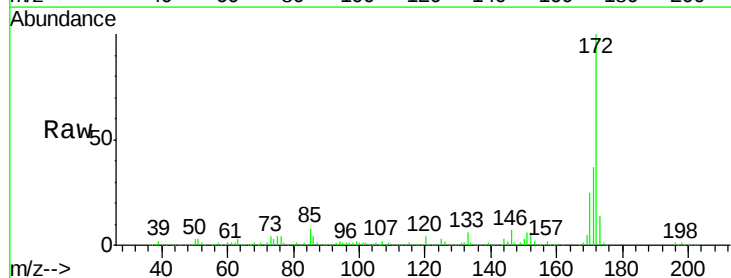


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

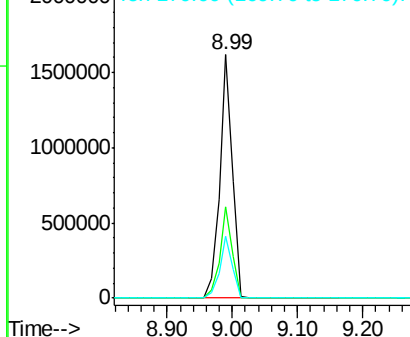
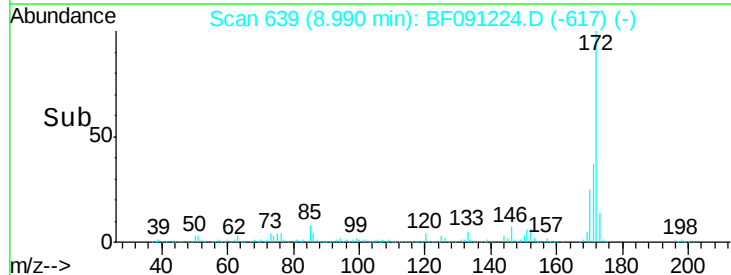


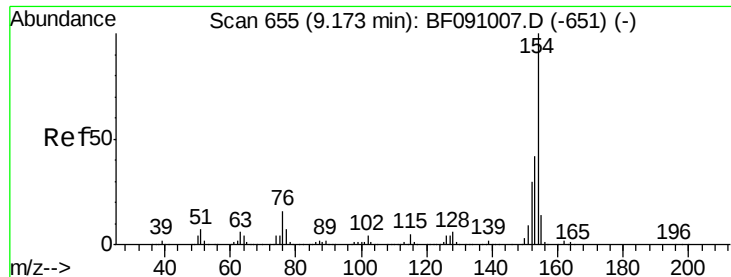
#44  
 2-Fluorobiphenyl  
 Concen: 83.81 ng  
 RT: 8.99 min Scan# 639  
 Delta R.T. -0.05 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:172 Resp: 2217184  
 Ion Ratio Lower Upper  
 172 100  
 171 37.3 29.8 44.6  
 170 25.4 20.3 30.5



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

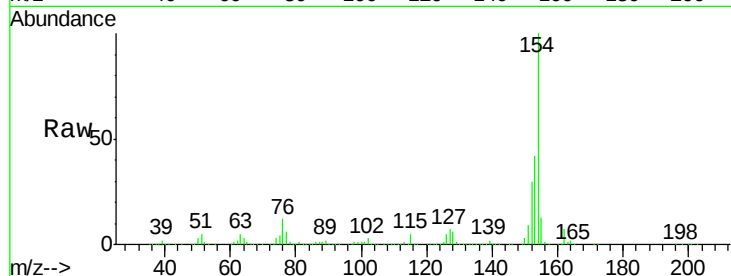




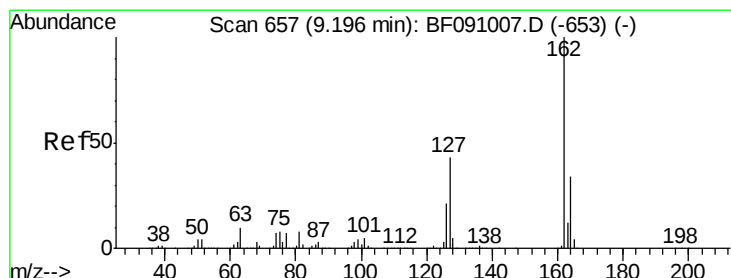
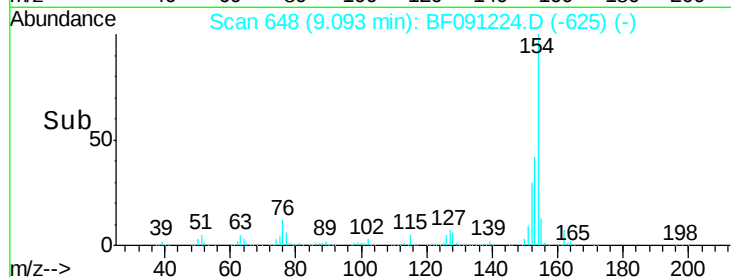
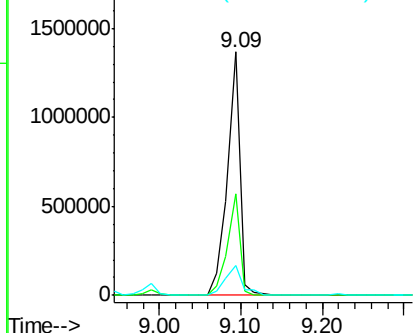
#45  
 1,1'-Biphenyl  
 Concen: 43.64 ng  
 RT: 9.09 min Scan# 648  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

Tot Ion:154 Resp: 1451321  
 Ion Ratio Lower Upper  
 154 100  
 153 41.5 21.6 61.6  
 76 12.5 0.0 36.2

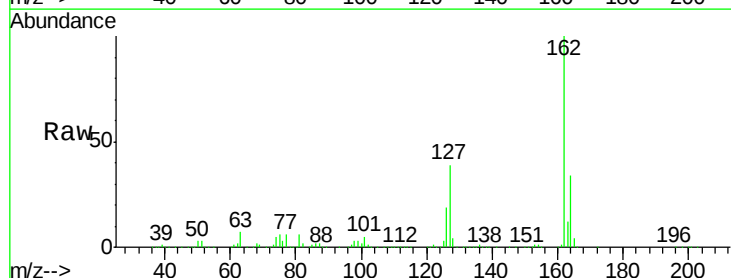


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

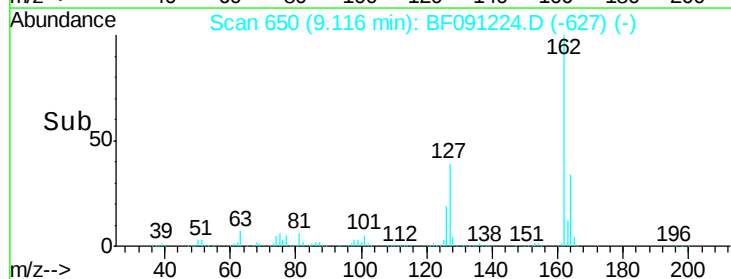
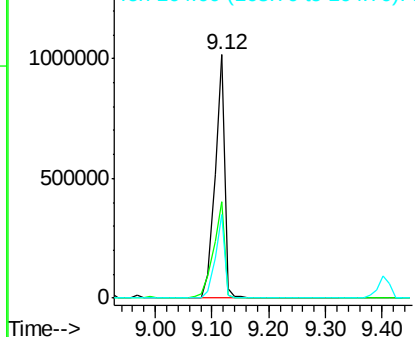


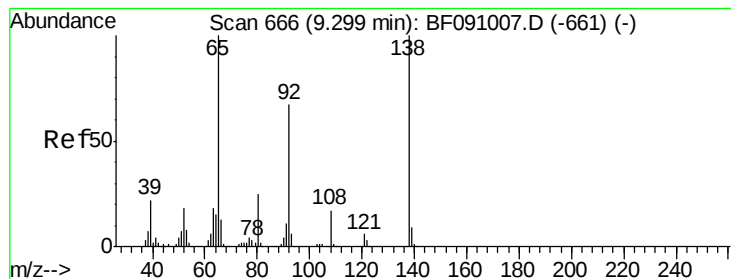
#46  
 2-Chloronaphthalene  
 Concen: 46.18 ng  
 RT: 9.12 min Scan# 650  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:162 Resp: 1166124  
 Ion Ratio Lower Upper  
 162 100  
 127 39.5 34.7 52.1  
 164 34.1 27.0 40.4



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





#47

2-Nitroaniline

Concen: 37.18 ng

RT: 9.22 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

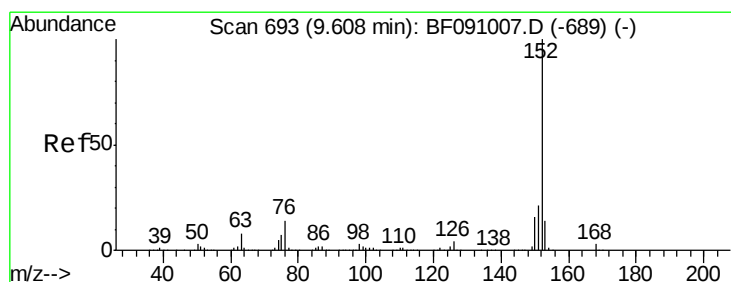
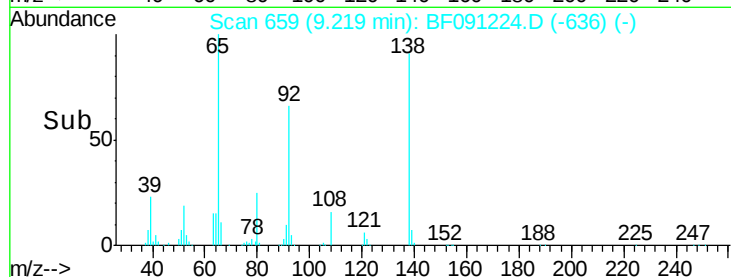
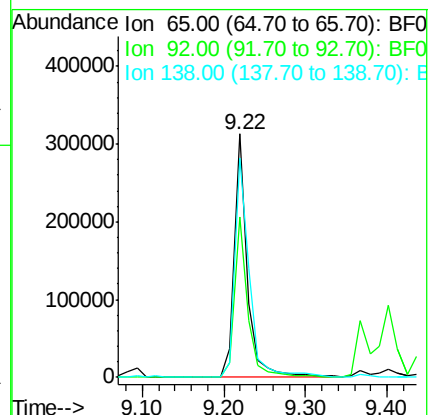
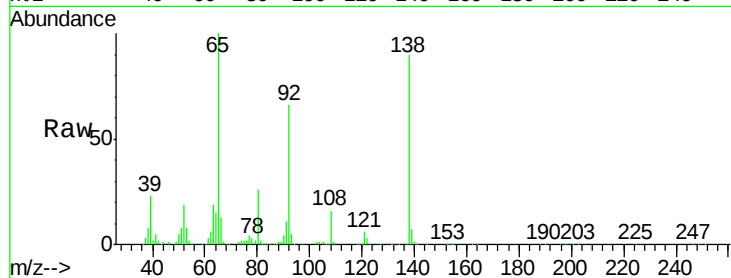
Tot Ion: 65 Resp: 348378

Ion Ratio Lower Upper

65 100

92 65.8 53.9 80.9

138 90.2 80.1 120.1



#48

Acenaphthylene

Concen: 42.39 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

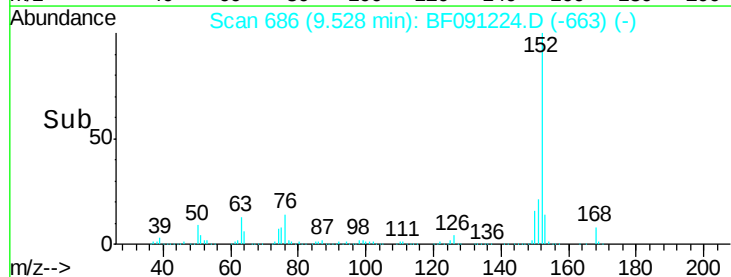
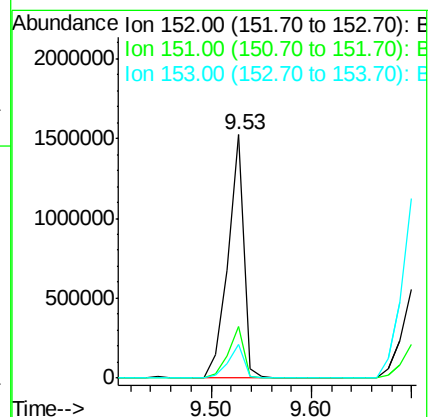
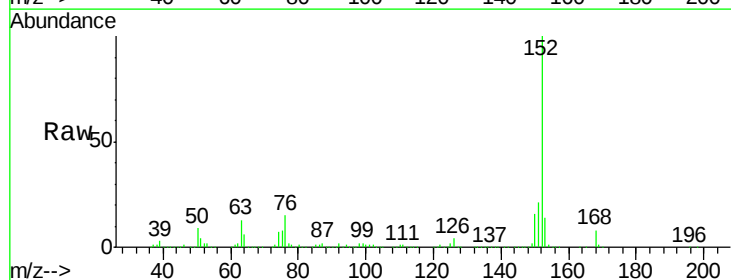
Tgt Ion: 152 Resp: 1668164

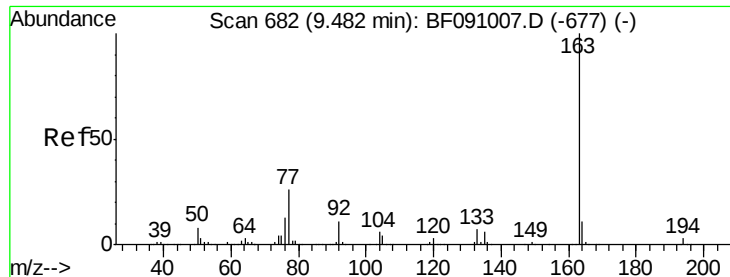
Ion Ratio Lower Upper

152 100

151 21.3 16.7 25.1

153 13.9 11.1 16.7





#49

Dimethylphthalate

Concen: 43.81 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

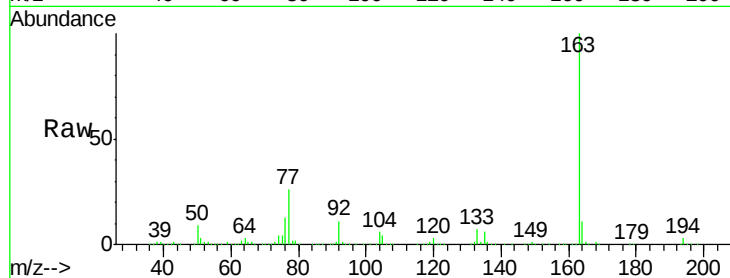
Tot Ion:163 Resp: 1308560

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

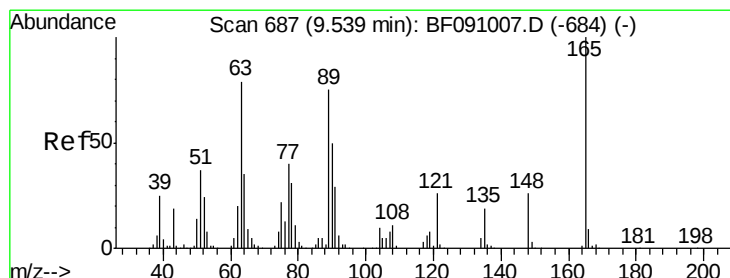
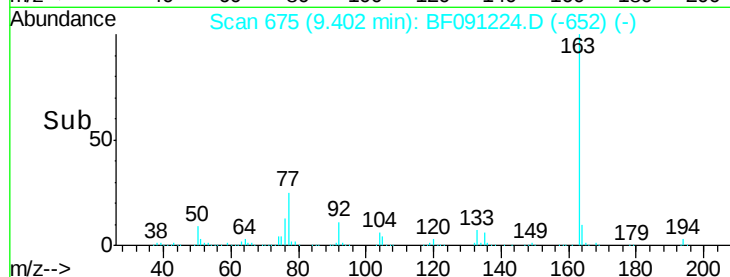
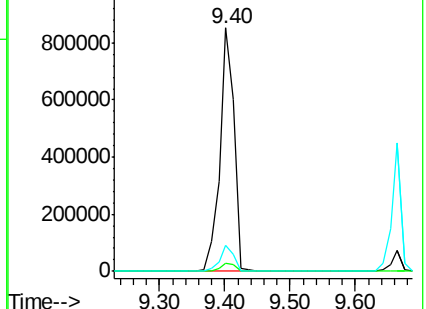
164 10.6 8.7 13.1



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: 49.53 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

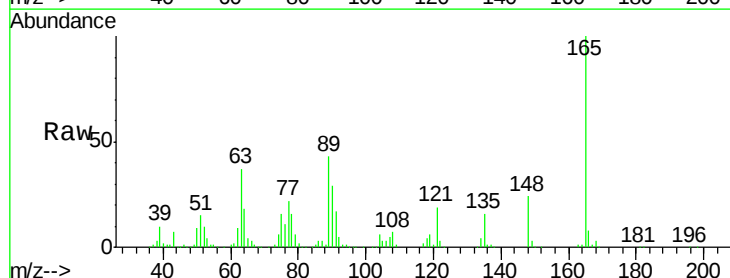
Tgt Ion:165 Resp: 316996

Ion Ratio Lower Upper

165 100

63 37.4 65.6 98.4#

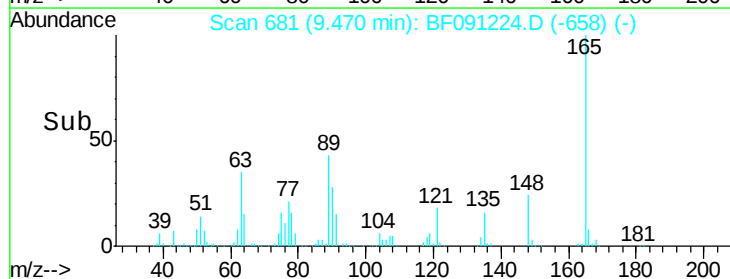
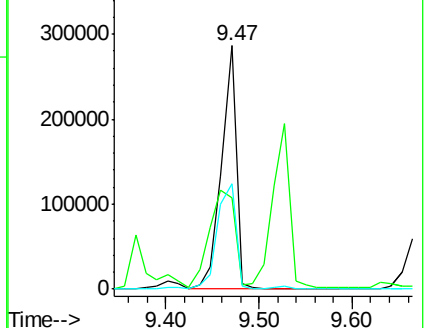
89 43.4 59.8 89.6#

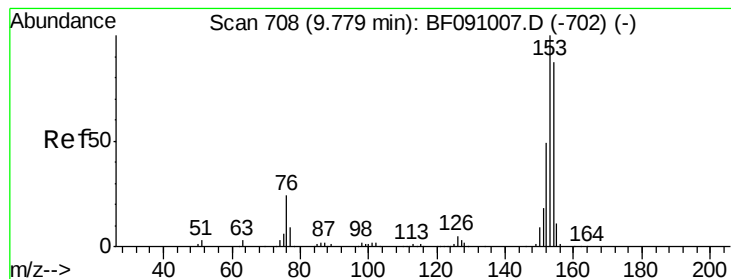


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.57 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

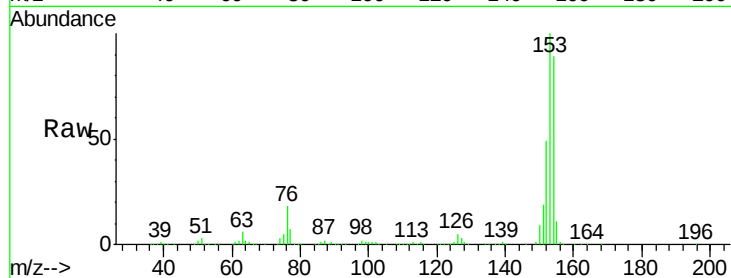
Tot Ion:154 Resp: 1076485

Ion Ratio Lower Upper

154 100

153 112.6 91.6 137.4

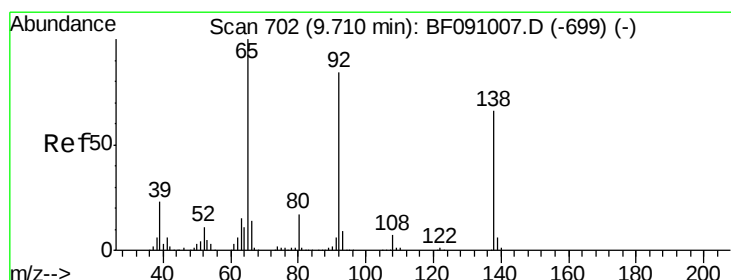
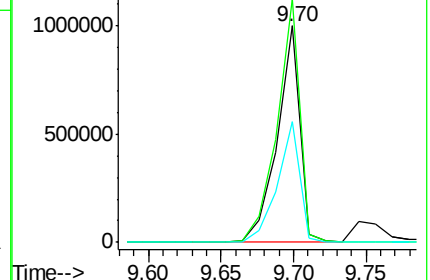
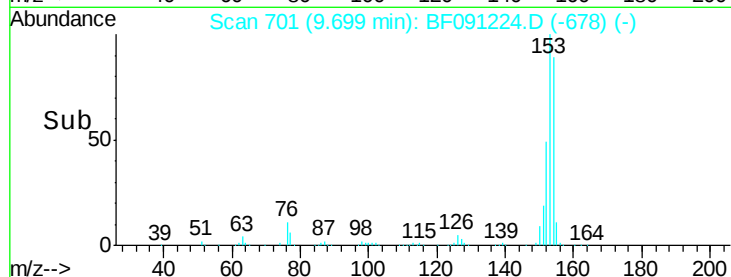
152 55.7 44.6 67.0



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: 9.35 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

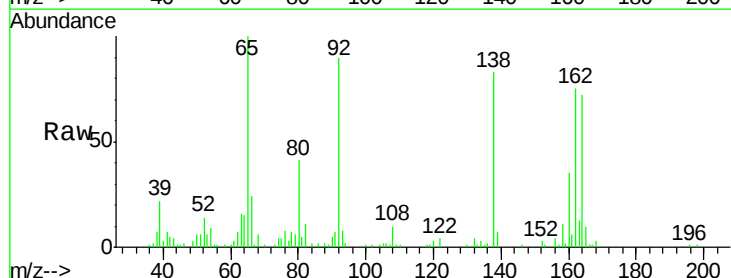
Tgt Ion:138 Resp: 70972

Ion Ratio Lower Upper

138 100

108 12.0 8.4 12.6

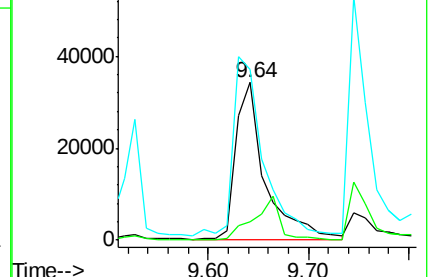
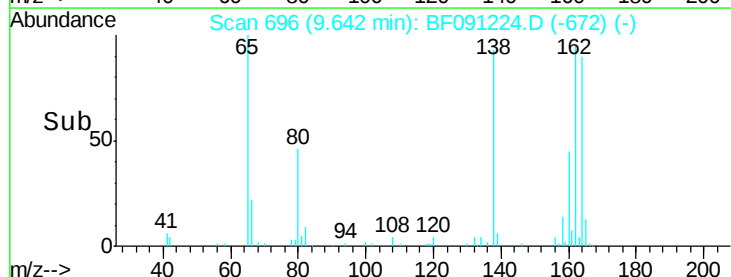
92 108.0 101.1 151.7

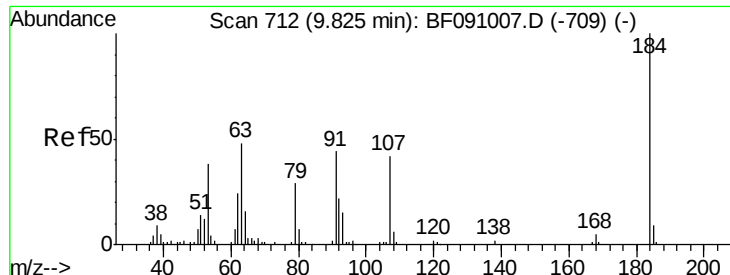


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

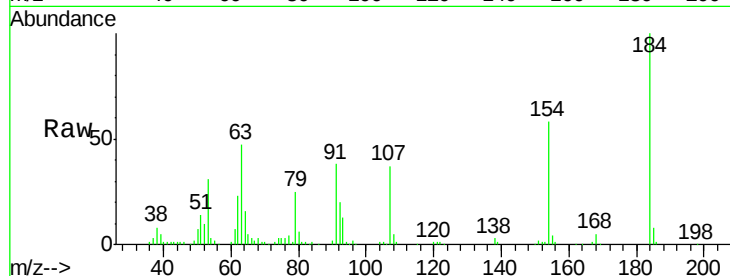




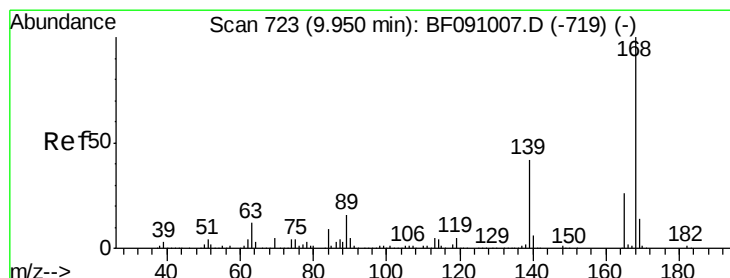
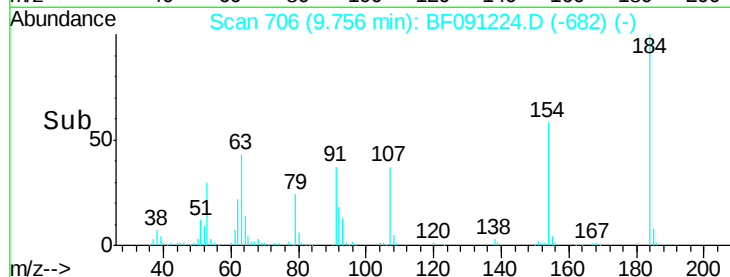
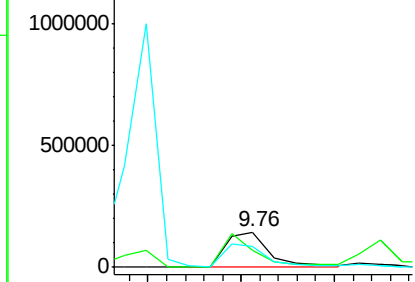
#53  
 2,4-Dinitrophenol  
 Concen: 70.21 ng  
 RT: 9.76 min Scan# 706  
 Delta R.T. -0.02 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

Tot Ion:184 Resp: 241885  
 Ion Ratio Lower Upper  
 184 100  
 63 46.7 45.5 68.3  
 154 57.8 51.0 76.4

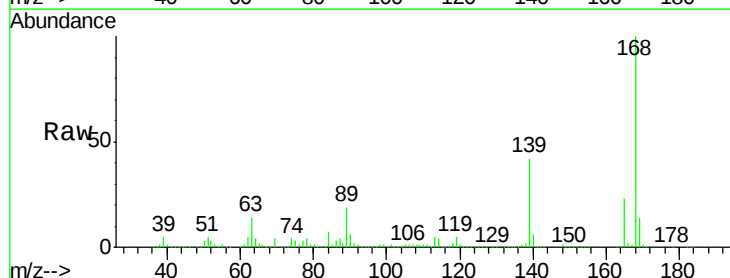


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

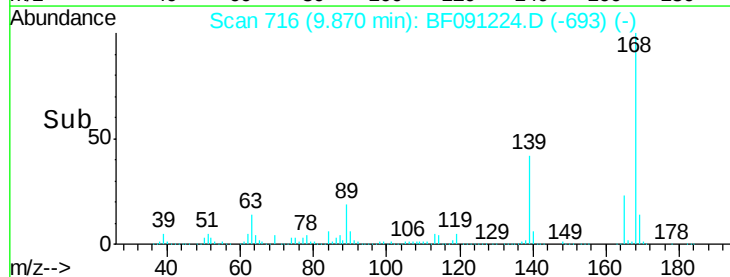
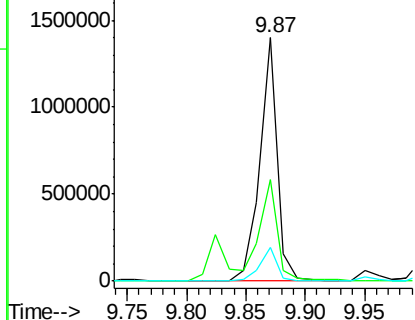


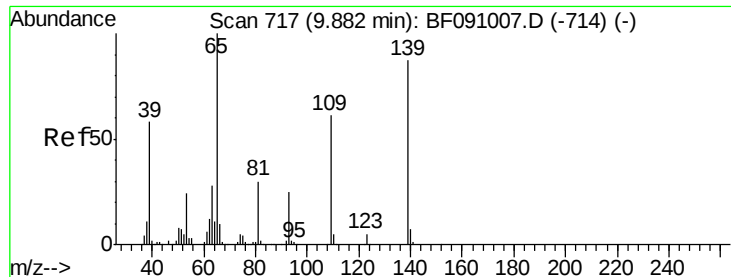
#54  
 Dibenzofuran  
 Concen: 43.19 ng  
 RT: 9.87 min Scan# 716  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:168 Resp: 1436414  
 Ion Ratio Lower Upper  
 168 100  
 139 41.6 34.8 52.2  
 169 14.1 11.4 17.2



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

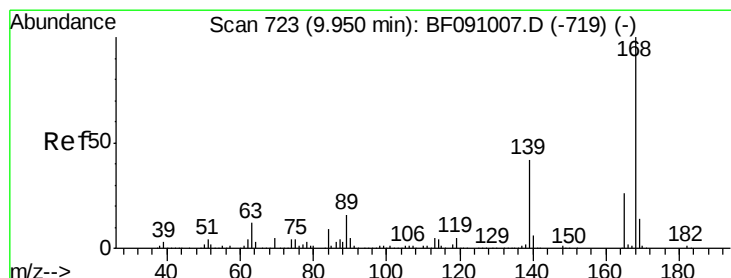
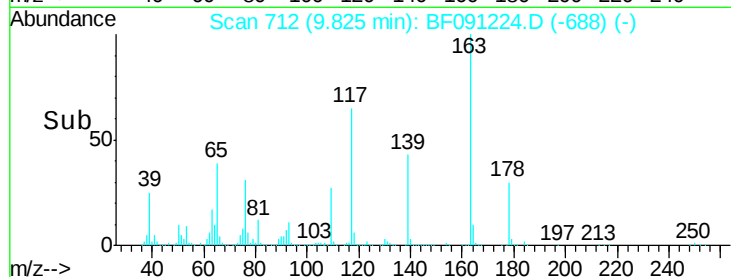
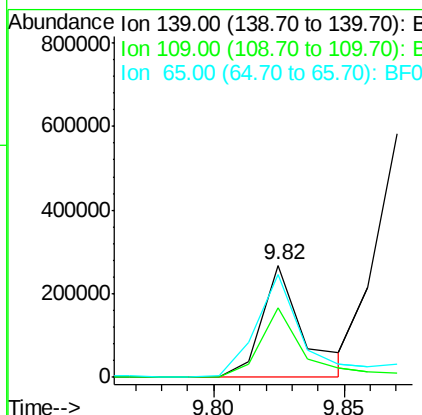
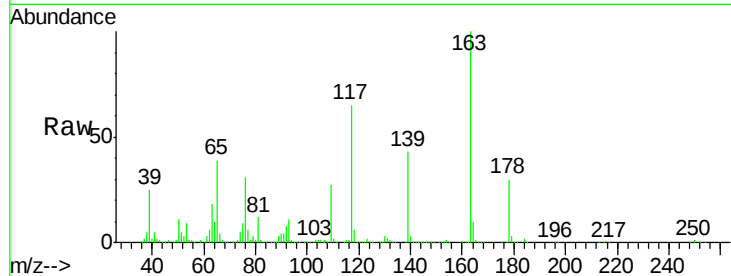




#55  
4-Nitrophenol  
Concen: 60.05 ng  
RT: 9.82 min Scan# 712  
Delta R.T. -0.02 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

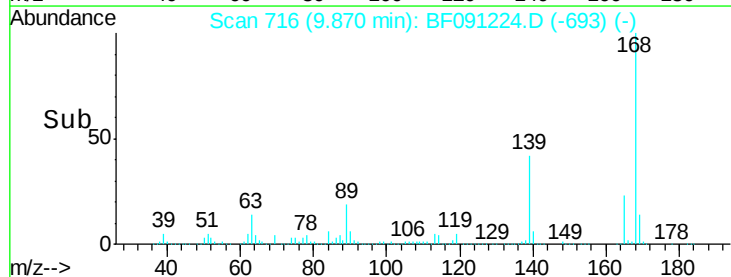
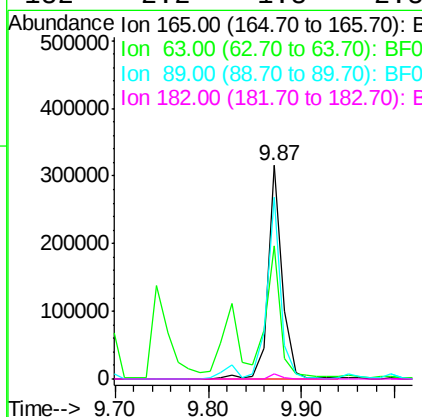
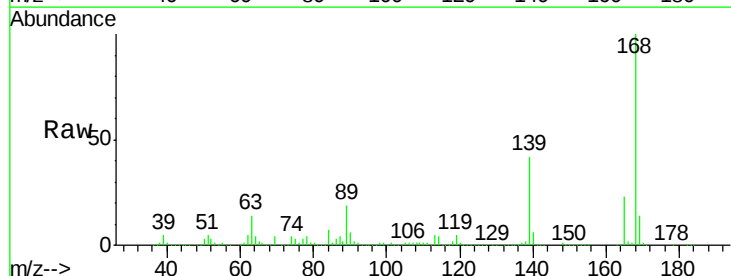
Instrument :  
BNA\_F  
ClientSampleId :  
SB-COMPMSD

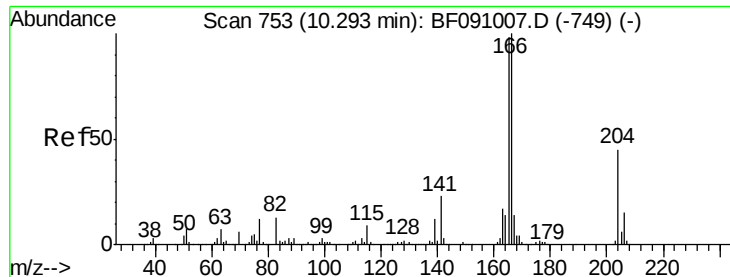
Tot Ion:139 Resp: 295750  
Ion Ratio Lower Upper  
139 100  
109 62.2 50.5 90.5  
65 91.5 97.1 137.1#



#56  
2,4-Dinitrotoluene  
Concen: 41.37 ng  
RT: 9.87 min Scan# 716  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Tgt Ion:165 Resp: 336870  
Ion Ratio Lower Upper  
165 100  
63 62.6 38.7 58.1#  
89 84.8 50.6 76.0#  
182 2.2 1.8 2.8

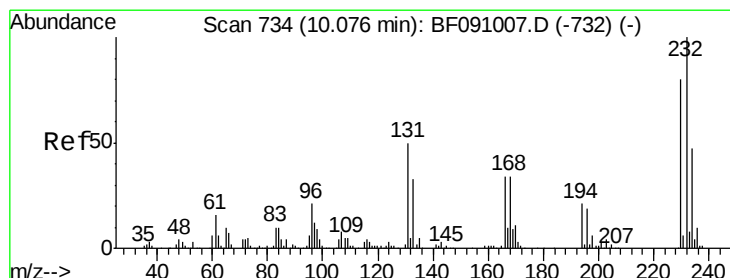
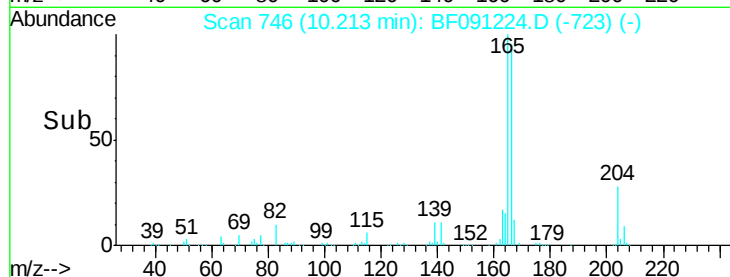
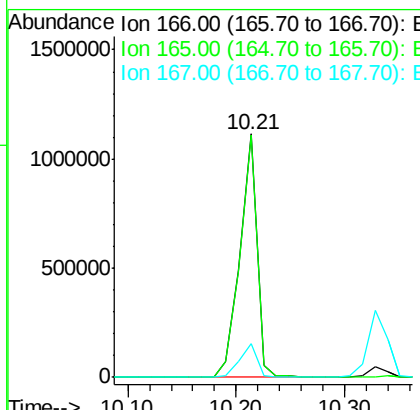
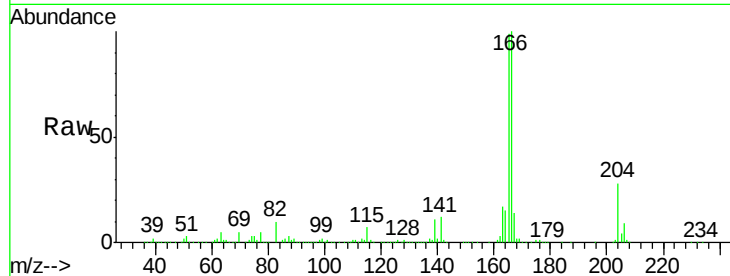




#57  
 Fluorene  
 Concen: 44.24 ng  
 RT: 10.21 min Scan# 746  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

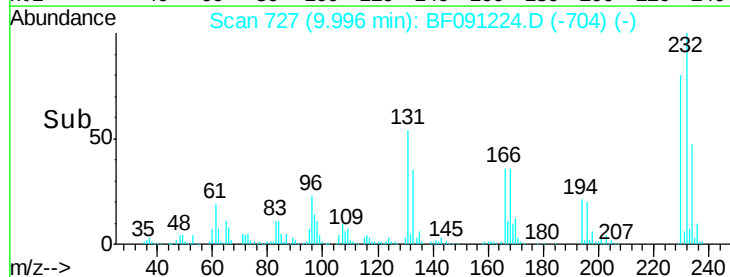
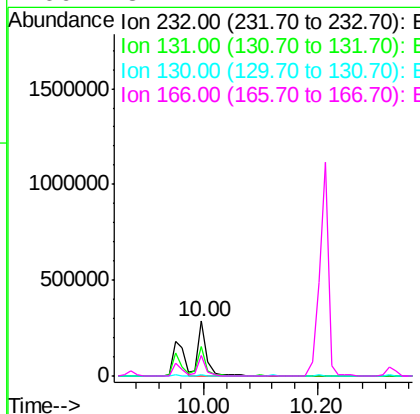
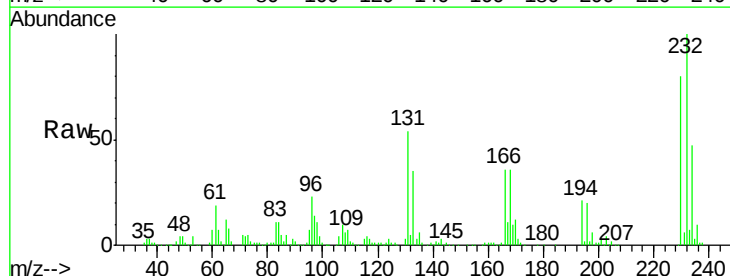
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

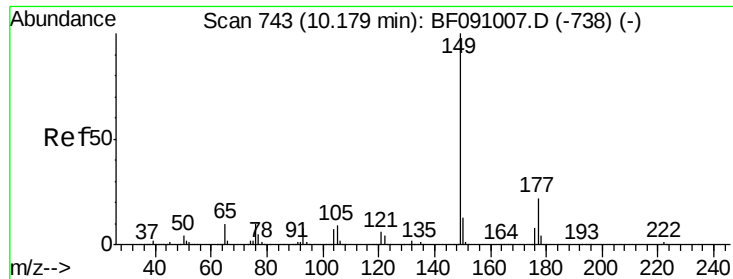
Tot Ion:166 Resp: 1202607  
 Ion Ratio Lower Upper  
 166 100  
 165 99.4 78.6 118.0  
 167 13.7 11.1 16.7



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 49.72 ng  
 RT: 10.00 min Scan# 727  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:232 Resp: 306586  
 Ion Ratio Lower Upper  
 232 100  
 131 51.6 43.6 65.4  
 130 2.5 2.0 3.0  
 166 32.4 27.4 41.2

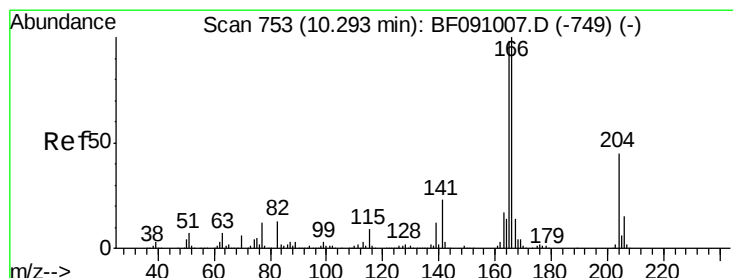
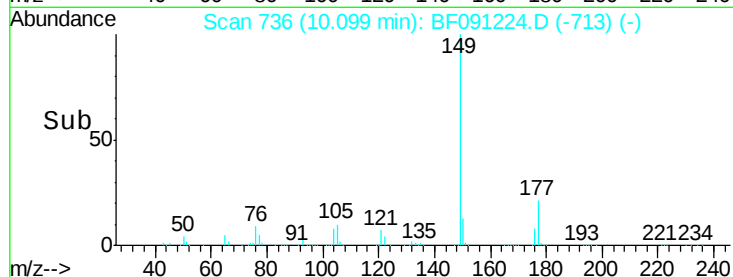
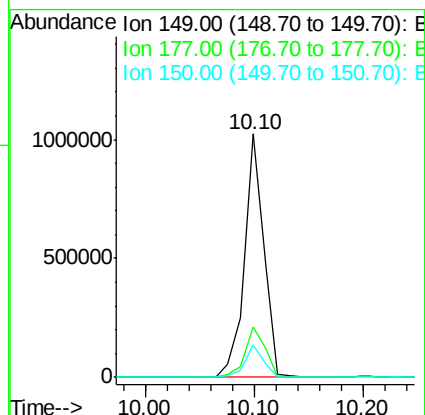
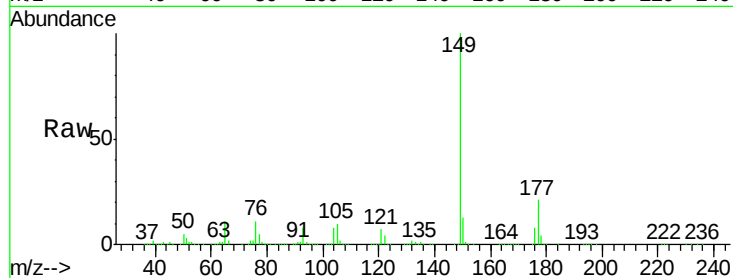




#59  
Diethylphthalate  
Concen: 40.63 ng  
RT: 10.10 min Scan# 736  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

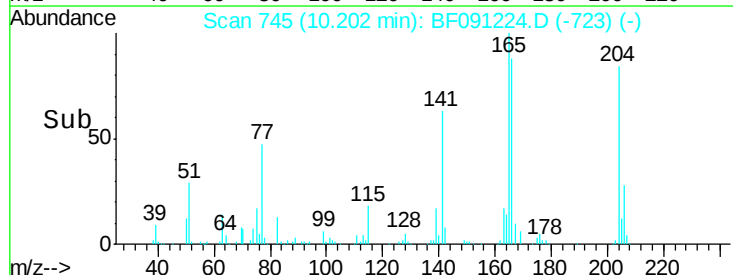
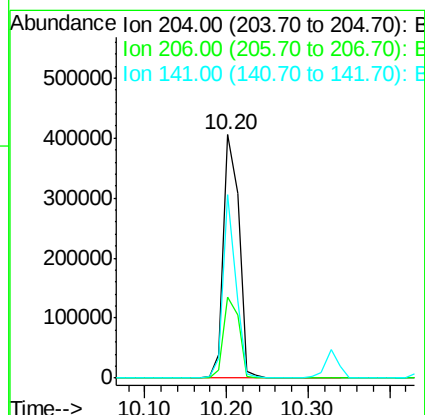
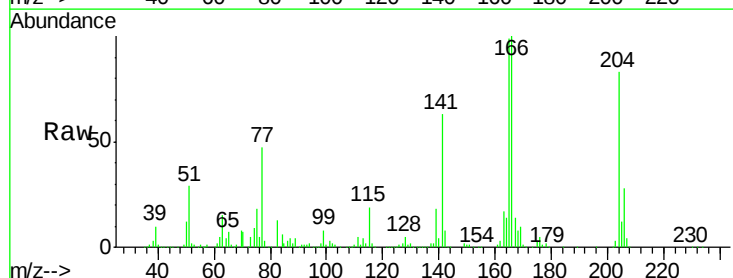
Instrument :  
BNA\_F  
ClientSampleId :  
SB-COMPMSD

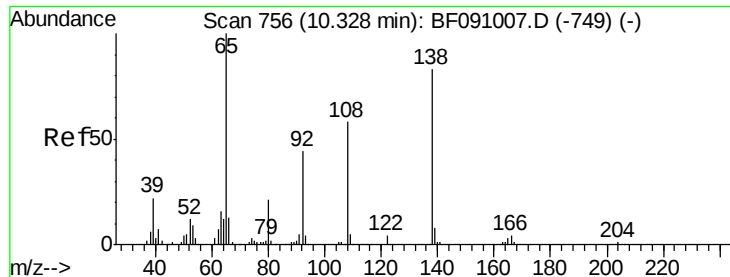
Tot Ion:149 Resp: 1244205  
Ion Ratio Lower Upper  
149 100  
177 20.6 17.3 25.9  
150 13.1 10.3 15.5



#60  
4-Chlorophenyl-phenylether  
Concen: 42.99 ng  
RT: 10.20 min Scan# 745  
Delta R.T. -0.05 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Tgt Ion:204 Resp: 531810  
Ion Ratio Lower Upper  
204 100  
206 33.3 27.1 40.7  
141 75.2 40.1 60.1#

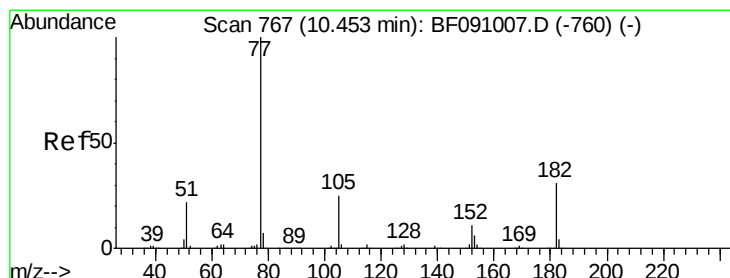
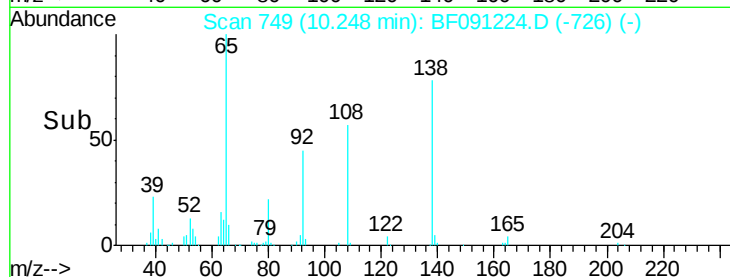
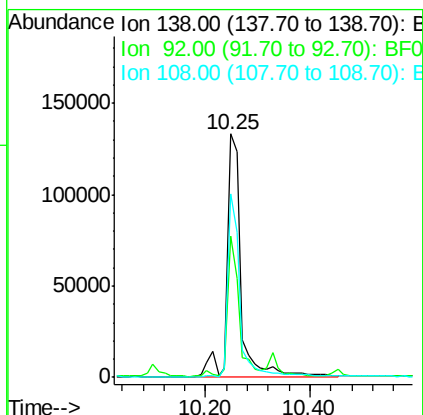
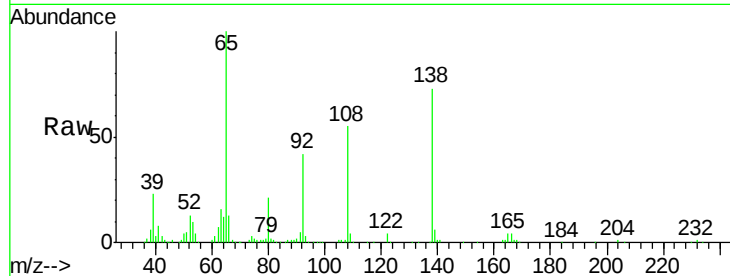




#61  
4-Nitroaniline  
Concen: 32.53 ng  
RT: 10.25 min Scan# 749  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

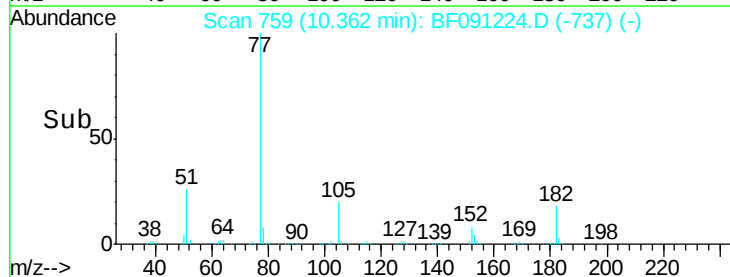
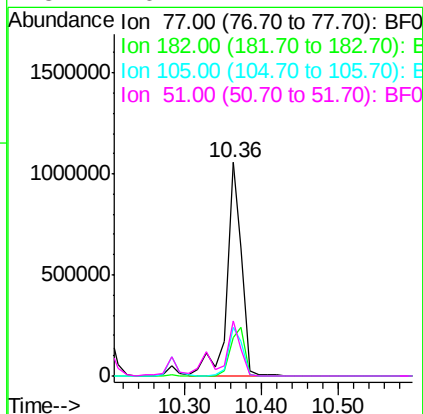
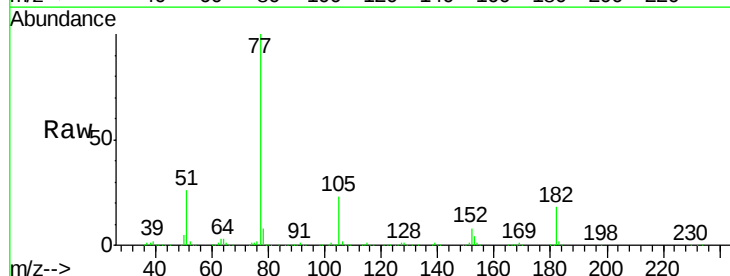
Instrument :  
BNA\_F  
ClientSampleId :  
SB-COMPMSD

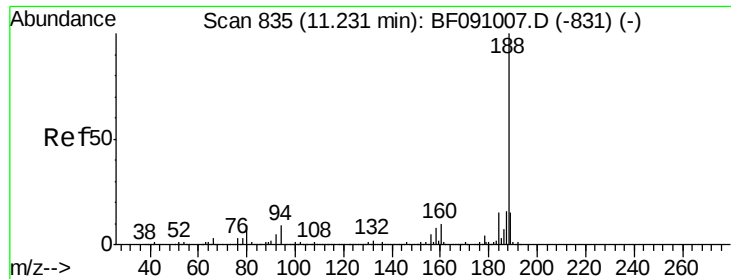
Tot Ion:138 Resp: 249759  
Ion Ratio Lower Upper  
138 100  
92 58.0 32.5 72.5  
108 75.6 49.4 89.4



#62  
Azobenzene  
Concen: 39.59 ng  
RT: 10.36 min Scan# 759  
Delta R.T. -0.05 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Tgt Ion: 77 Resp: 1426924  
Ion Ratio Lower Upper  
77 100  
182 17.7 11.0 51.0  
105 22.6 5.6 45.6  
51 26.1 2.7 42.7

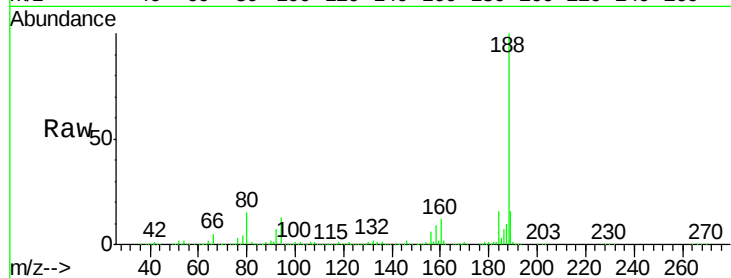




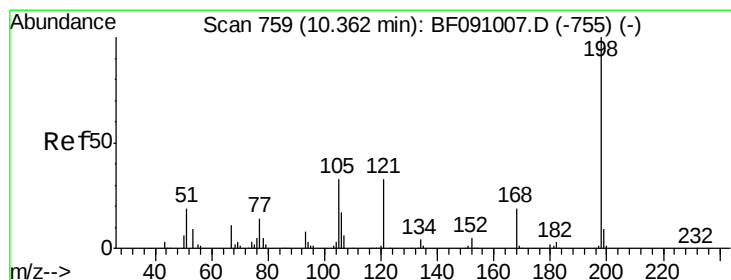
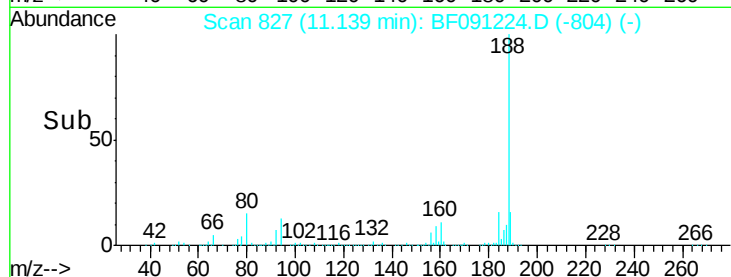
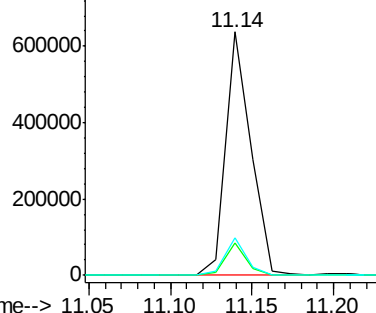
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.14 min Scan# 827  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-COMPMSD

Tot Ion:188 Resp: 689861  
Ion Ratio Lower Upper  
188 100  
94 13.5 7.0 10.4#  
80 15.2 7.5 11.3#

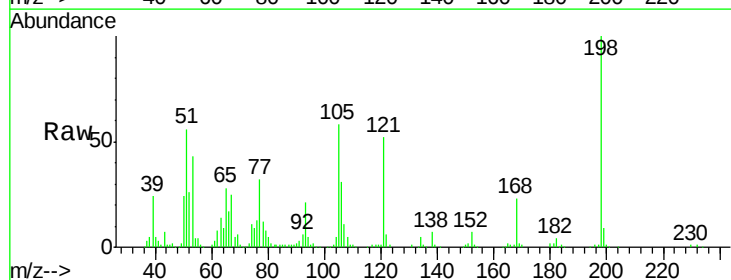


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

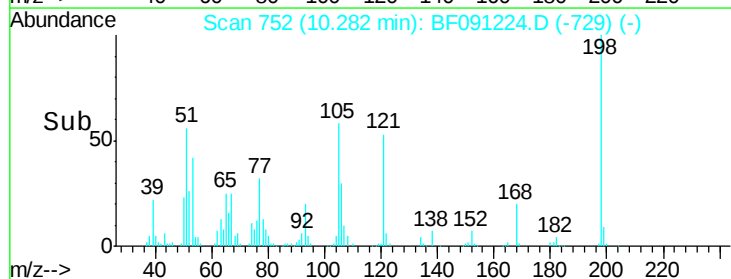
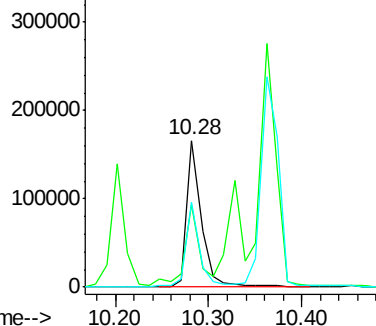


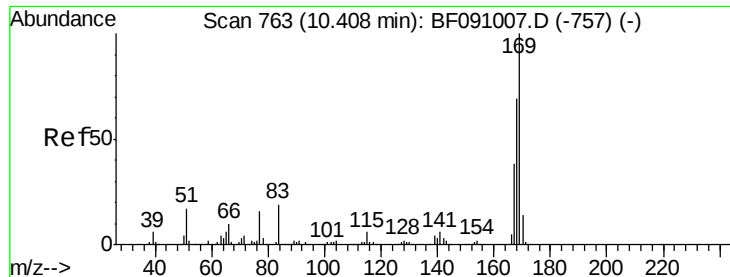
#64  
4,6-Dinitro-2-methylphenol  
Concen: 43.44 ng  
RT: 10.28 min Scan# 752  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Tgt Ion:198 Resp: 183522  
Ion Ratio Lower Upper  
198 100  
51 55.8 5.9 45.9#  
105 58.2 13.8 53.8#



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.87 ng

RT: 10.33 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

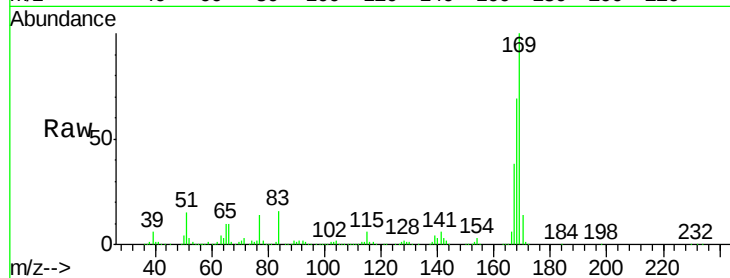
Tot Ion:169 Resp: 1005850

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 69.1  | 55.3  | 82.9  |
| 167 | 37.9  | 30.3  | 45.5  |

169 100

168 69.1 55.3 82.9

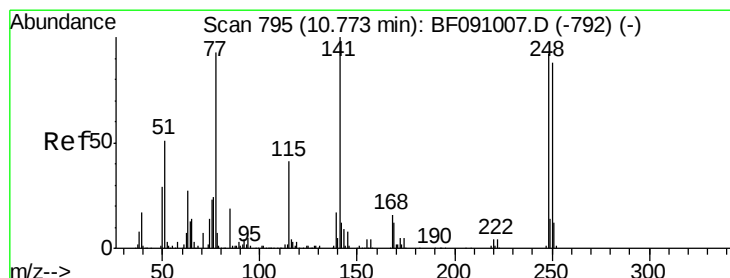
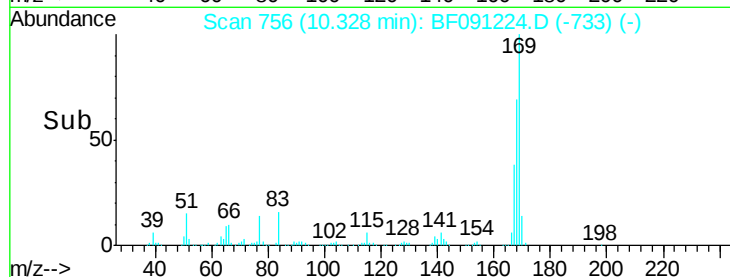
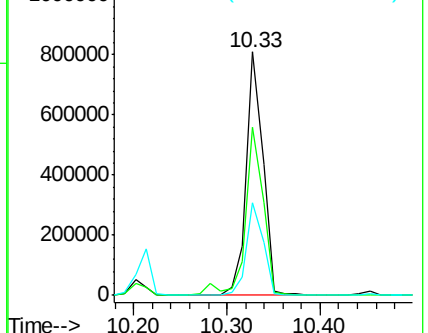
167 37.9 30.3 45.5



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: 50.08 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

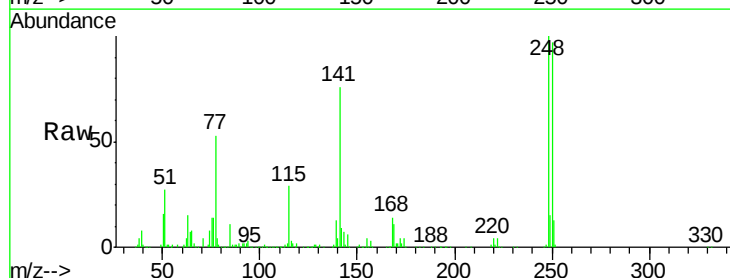
Tgt Ion:248 Resp: 359336

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 248 | 100   |       |        |
| 250 | 97.2  | 76.3  | 114.5  |
| 141 | 75.6  | 86.8  | 130.2# |

248 100

250 97.2 76.3 114.5

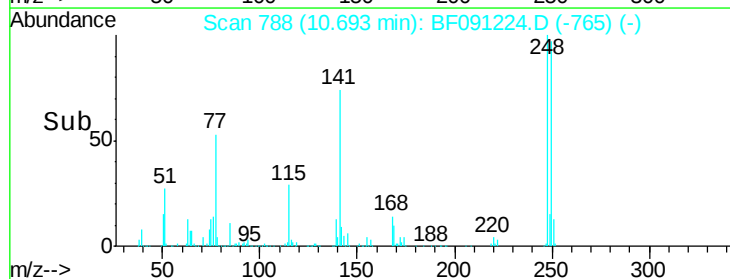
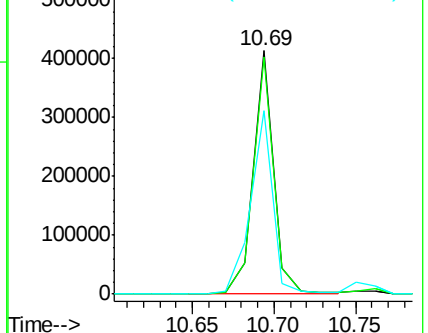
141 75.6 86.8 130.2#

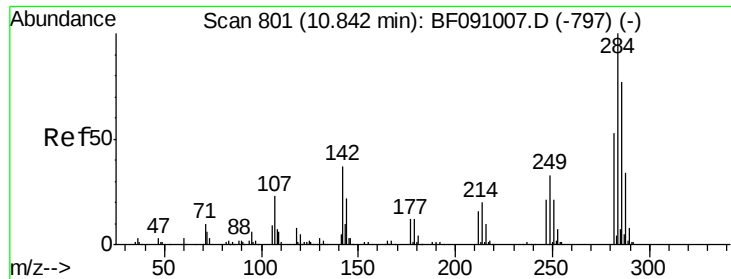


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 53.46 ng

RT: 10.76 min Scan# 794

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

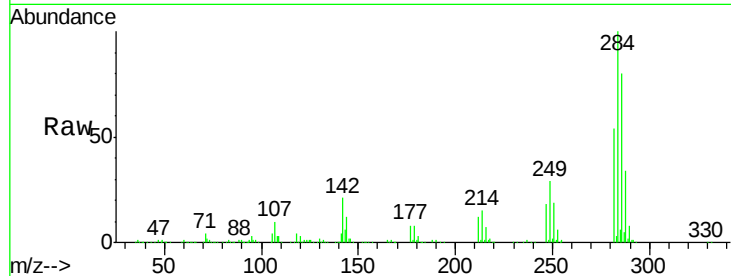
Tot Ion:284 Resp: 423083

Ion Ratio Lower Upper

284 100

142 21.2 29.9 44.9#

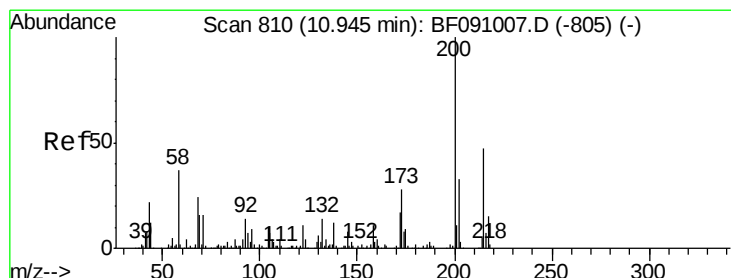
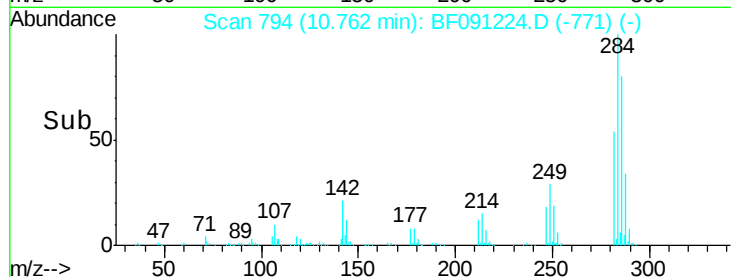
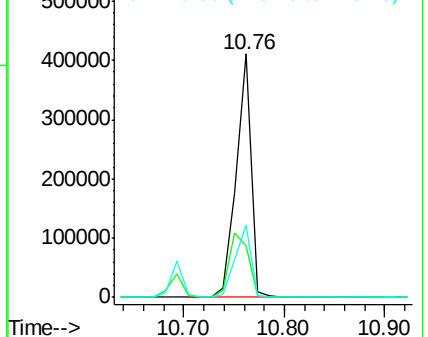
249 29.4 26.6 39.8



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: 45.14 ng

RT: 10.86 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

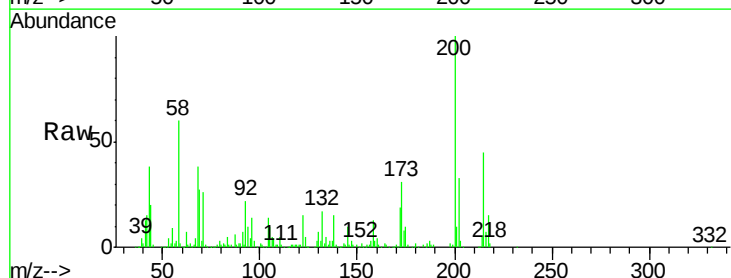
Tgt Ion:200 Resp: 285551

Ion Ratio Lower Upper

200 100

173 30.7 8.1 48.1

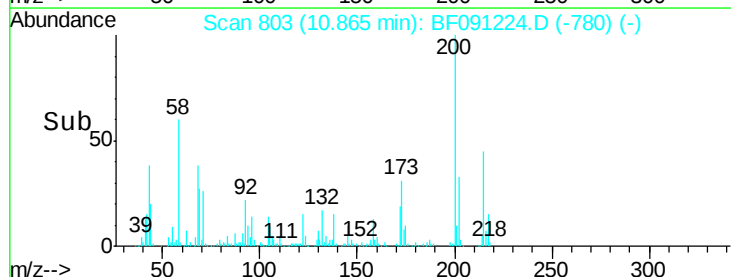
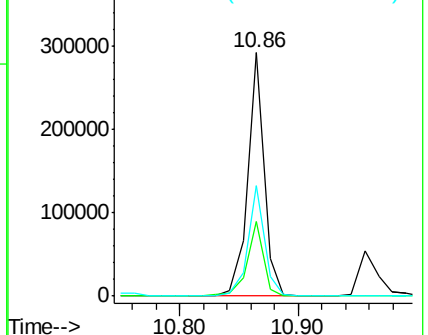
215 45.2 27.3 67.3

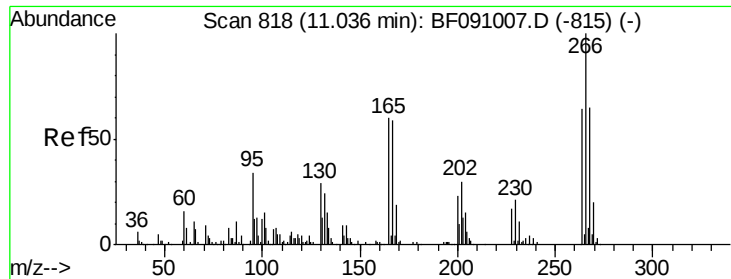


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

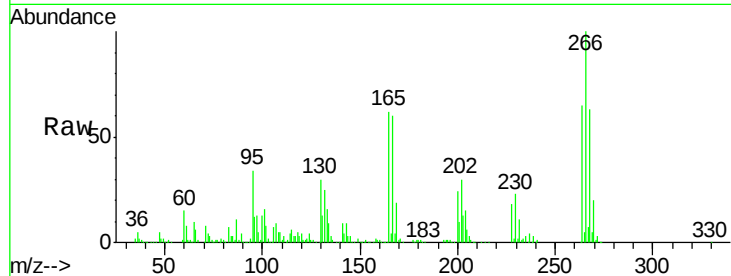




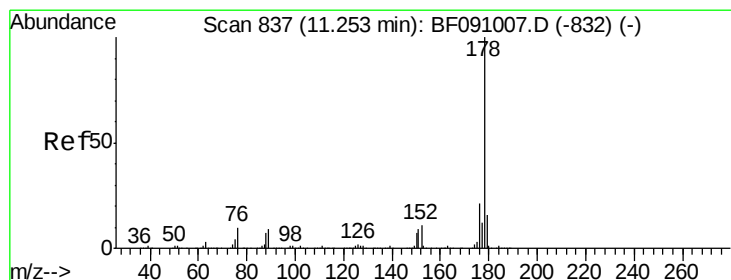
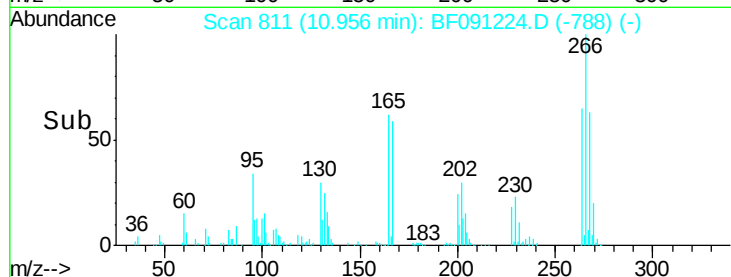
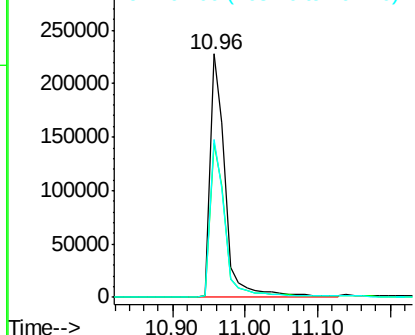
#69  
 Pentachlorophenol  
 Concen: 94.12 ng  
 RT: 10.96 min Scan# 811  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

Tot Ion:266 Resp: 329905  
 Ion Ratio Lower Upper  
 266 100  
 268 63.4 52.1 78.1  
 264 64.6 51.1 76.7

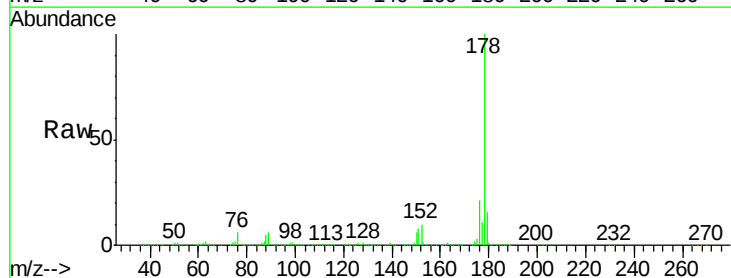


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

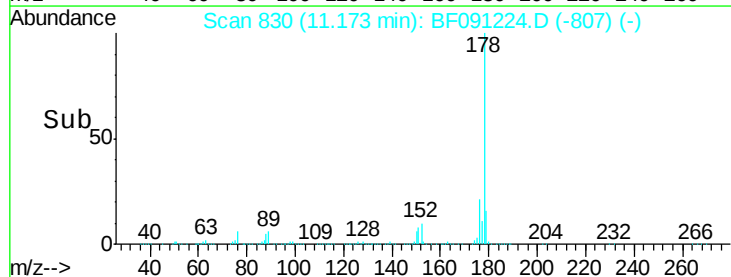
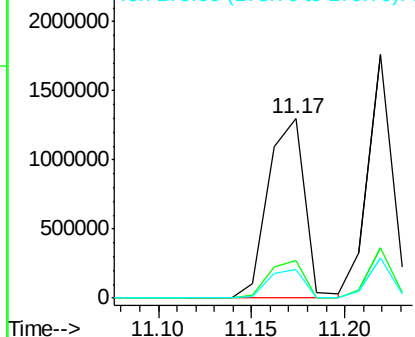


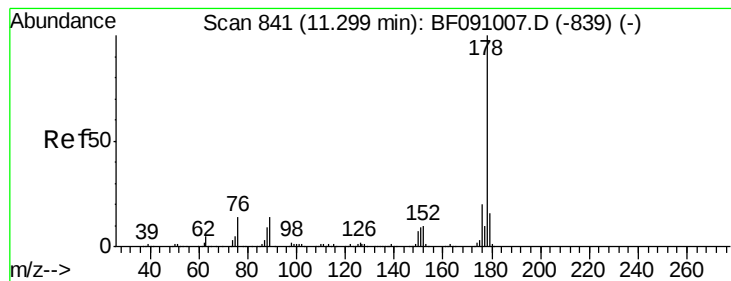
#70  
 Phenanthrene  
 Concen: 47.93 ng  
 RT: 11.17 min Scan# 830  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:178 Resp: 1757803  
 Ion Ratio Lower Upper  
 178 100  
 176 20.6 16.6 25.0  
 179 15.8 12.9 19.3



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: 42.30 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

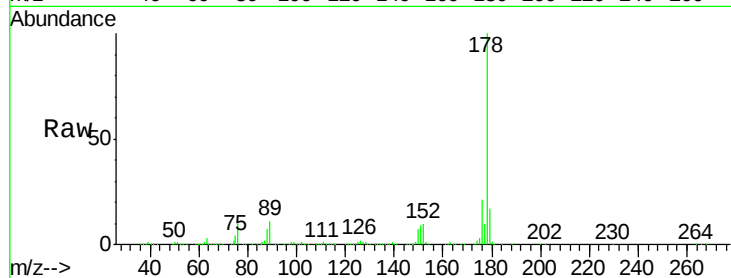
Tot Ion:178 Resp: 1649169

Ion Ratio Lower Upper

178 100

176 20.9 16.0 24.0

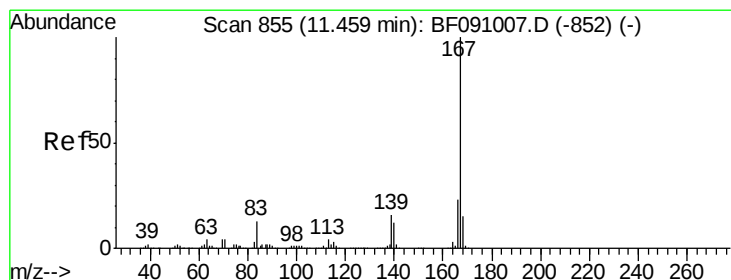
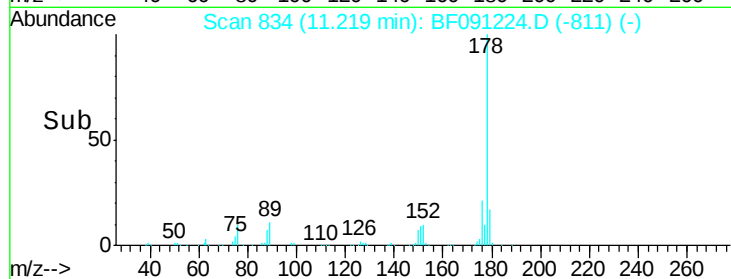
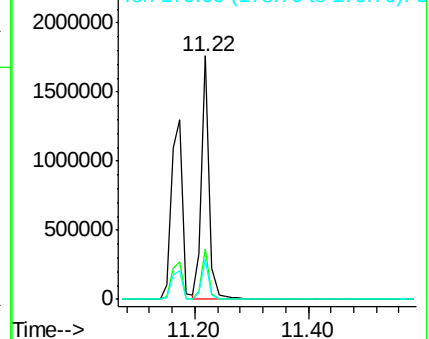
179 16.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.83 ng

RT: 11.38 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

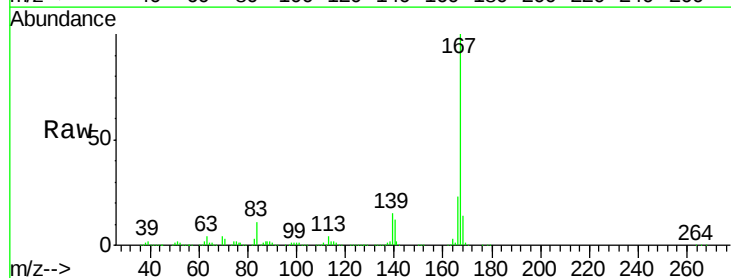
Tgt Ion:167 Resp: 1399393

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

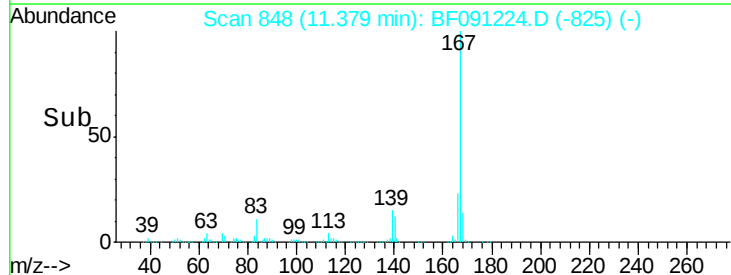
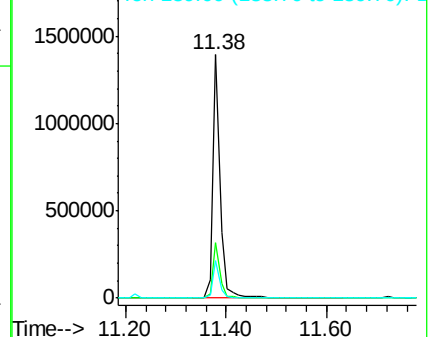
139 15.3 12.6 18.8

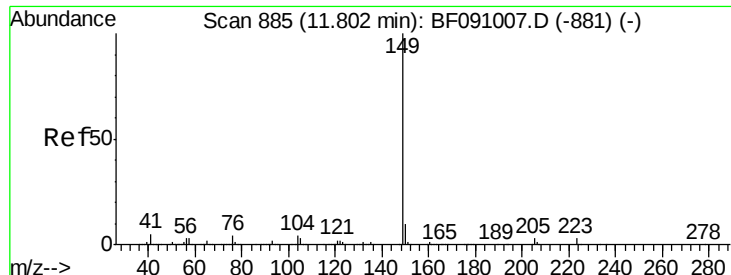


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.53 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

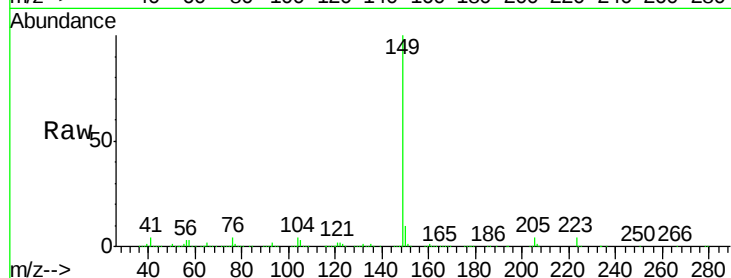
Tot Ion:149 Resp: 2055898

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

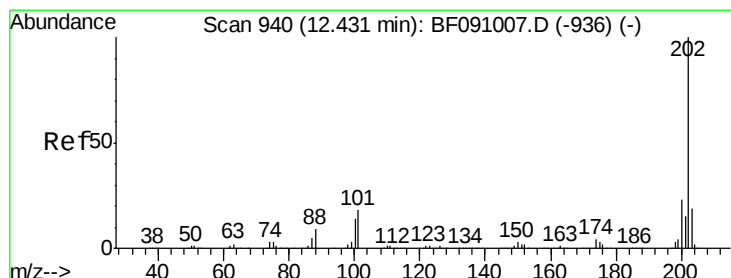
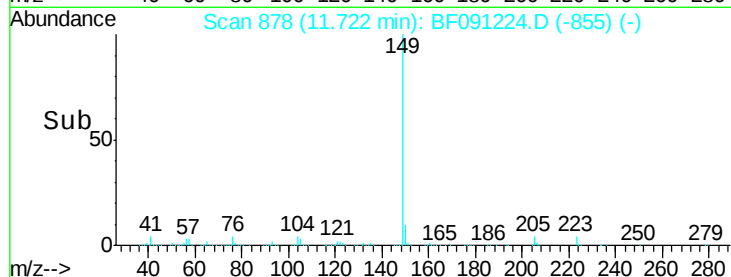
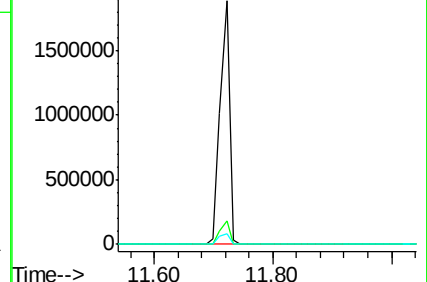
104 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.74 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

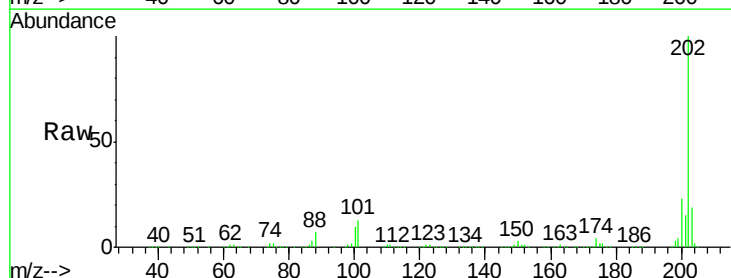
Tgt Ion:202 Resp: 1511556

Ion Ratio Lower Upper

202 100

101 13.1 0.0 37.6

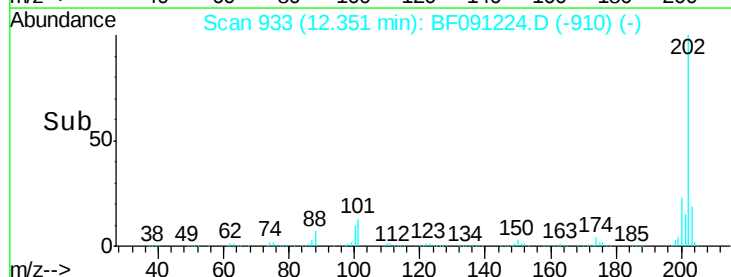
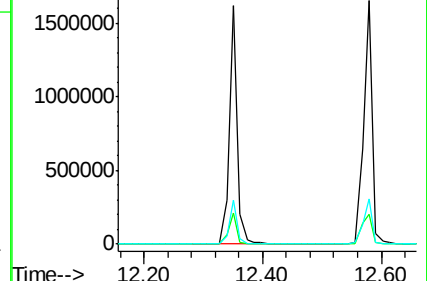
203 18.6 0.0 38.6

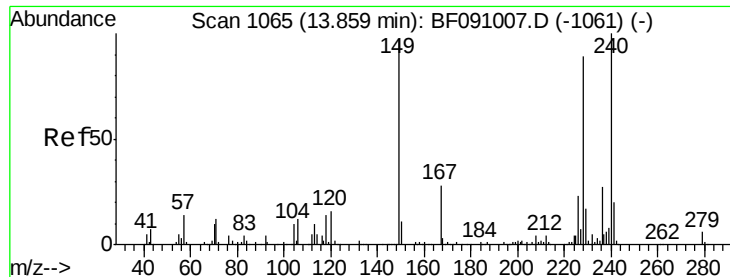


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

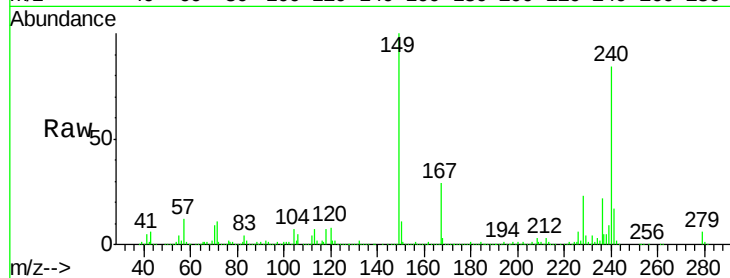
Tot Ion:240 Resp: 507412

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

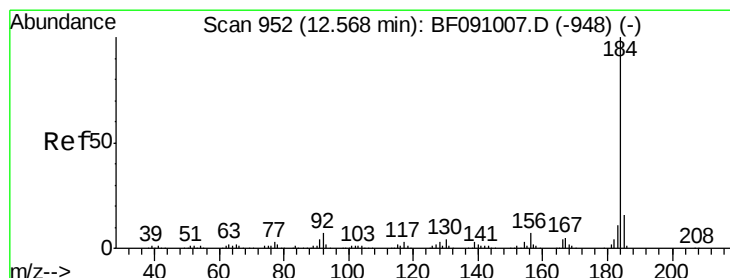
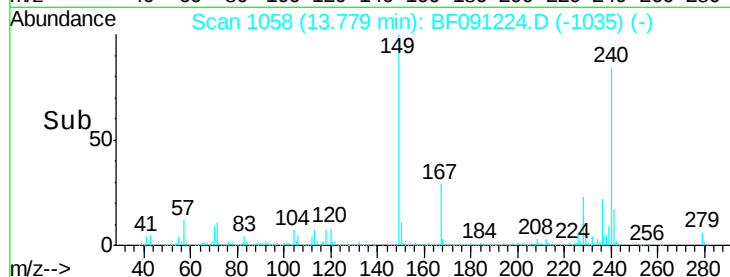
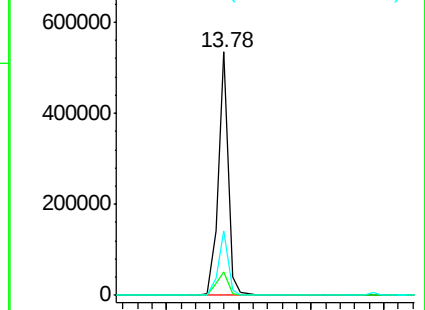
236 26.6 21.9 32.9



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: 3.84 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

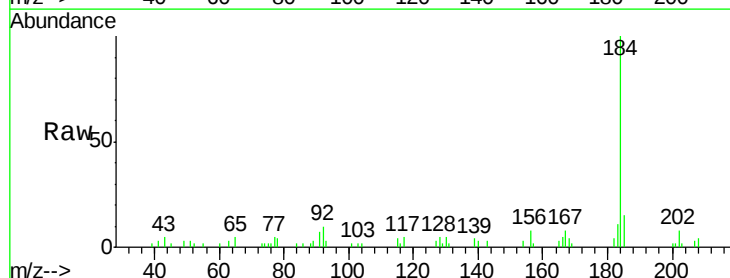
Tgt Ion:184 Resp: 43574

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.4

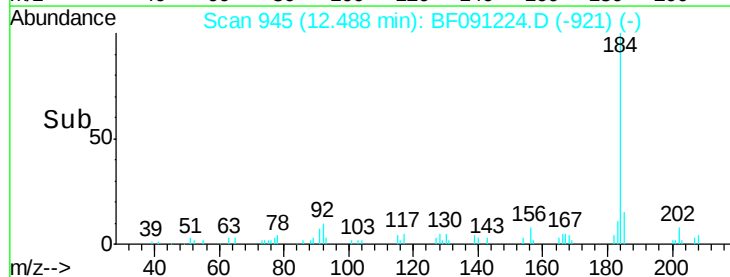
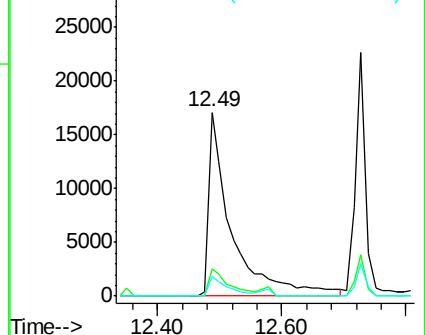
183 10.6 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

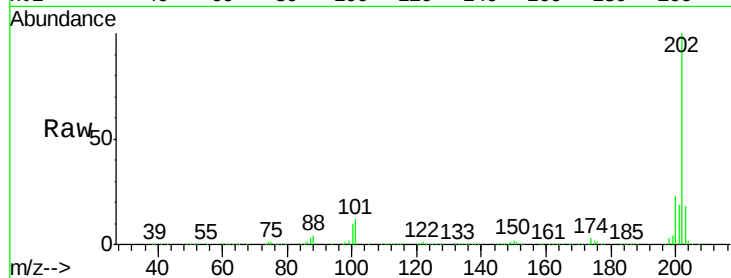




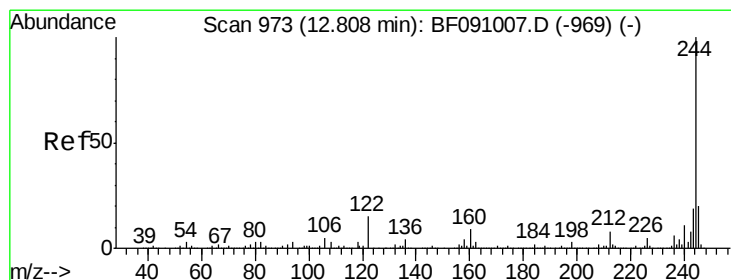
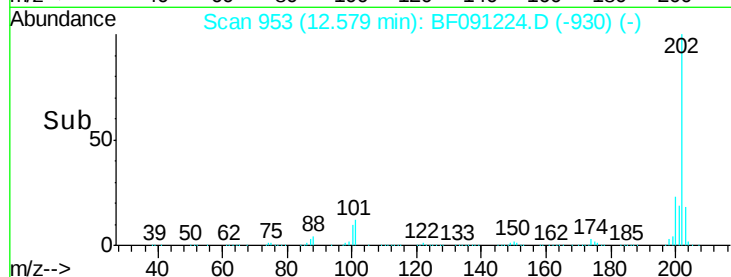
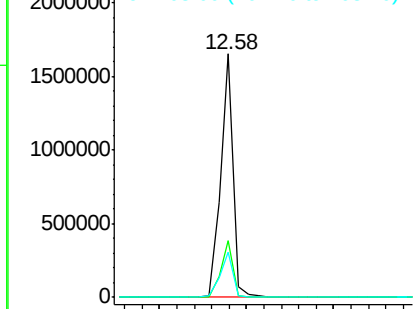
#77  
Pvrene  
Concen: 50.01 ng  
RT: 12.58 min Scan# 953  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-COMPMSD

Tot Ion:202 Resp: 1661803  
Ion Ratio Lower Upper  
202 100  
200 23.1 18.4 27.6  
203 18.4 15.0 22.6

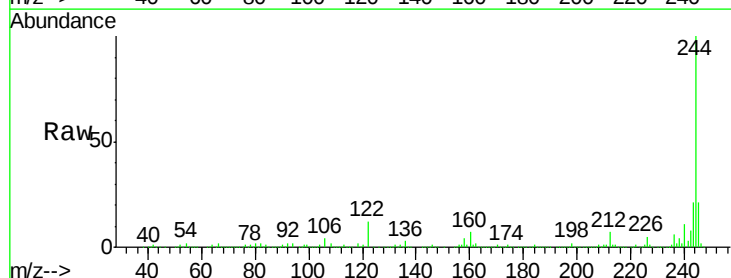


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

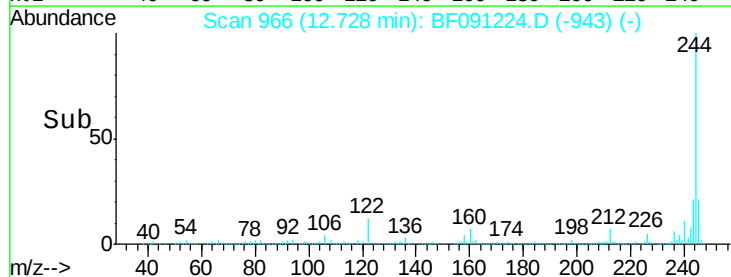
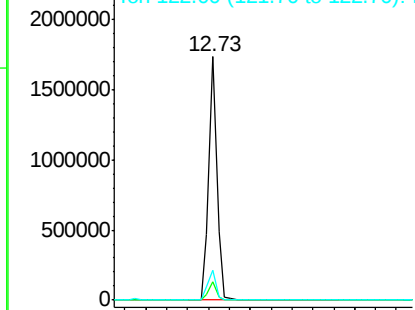


#78  
Terphenyl-d14  
Concen: 93.57 ng  
RT: 12.73 min Scan# 966  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Tgt Ion:244 Resp: 1902612  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.4 9.6  
122 12.0 12.3 18.5#



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

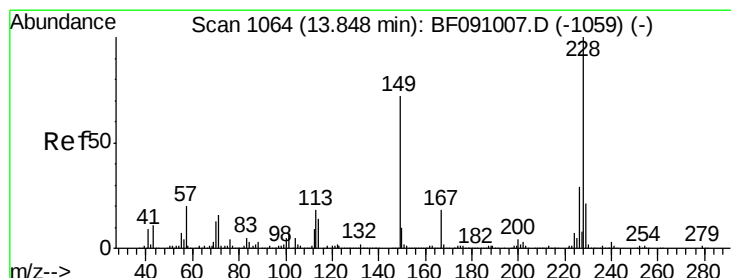
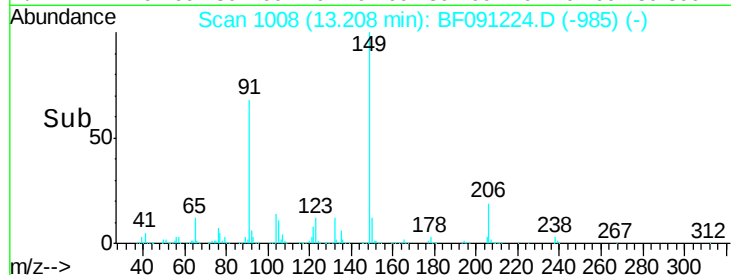
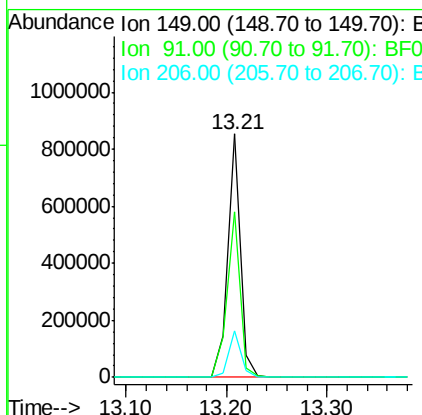
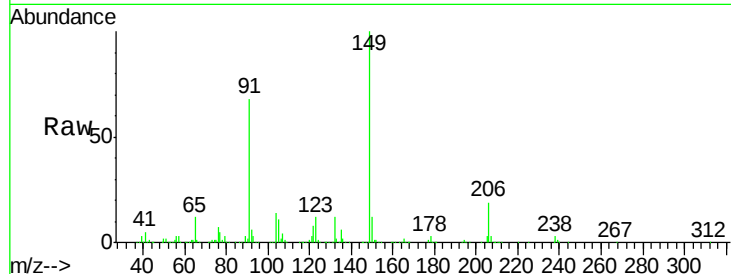




#79  
Butylbenzylphthalate  
Concen: 47.24 ng  
RT: 13.21 min Scan# 1008  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

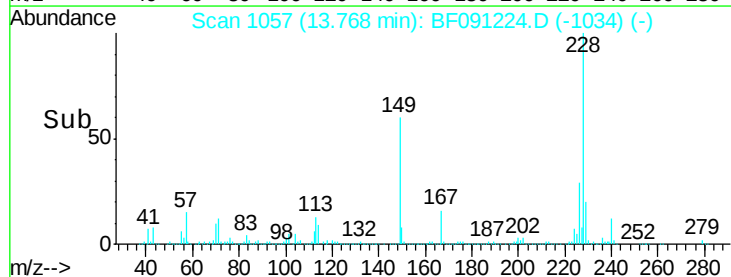
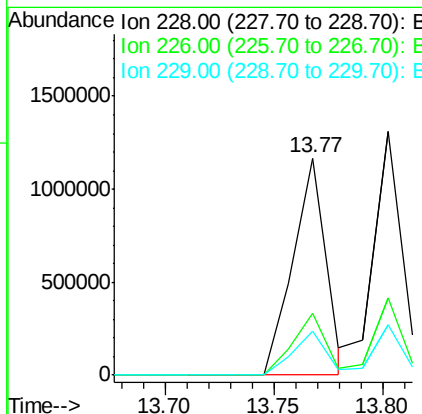
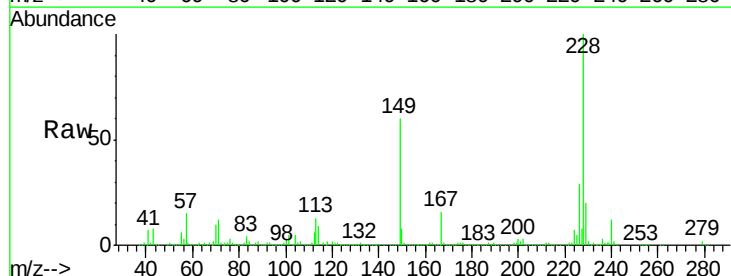
Instrument :  
BNA\_F  
ClientSampleId :  
SB-COMPMSD

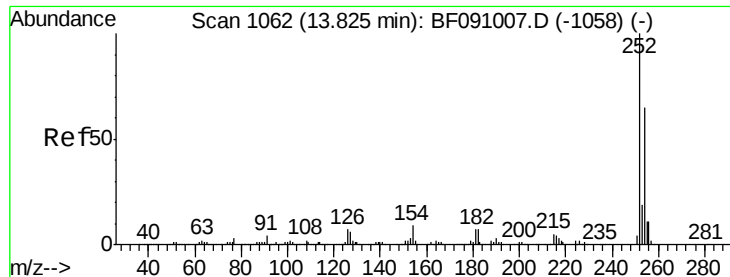
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.0  | 65.0  | 97.4  |
| 206     | 19.0  | 12.5  | 18.7# |



#80  
Benzo(a)anthracene  
Concen: 43.14 ng  
RT: 13.77 min Scan# 1057  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.7  | 23.0  | 34.6  |
| 229     | 20.5  | 16.6  | 24.8  |

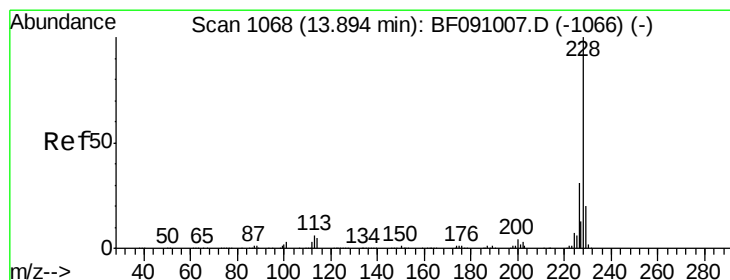
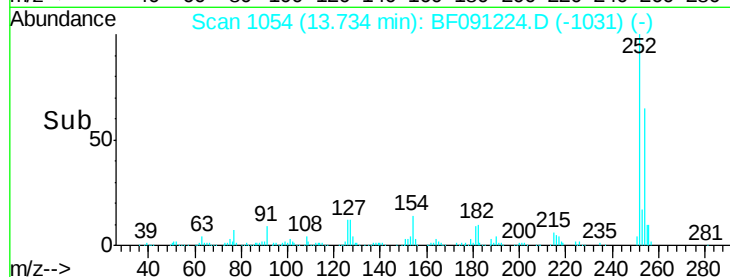
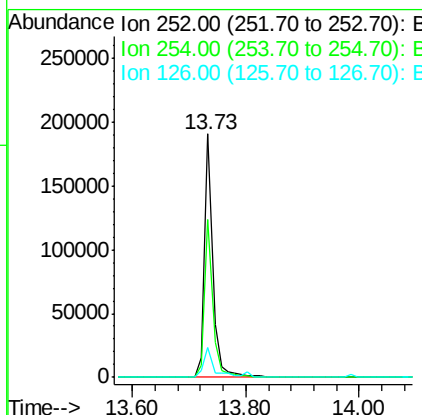
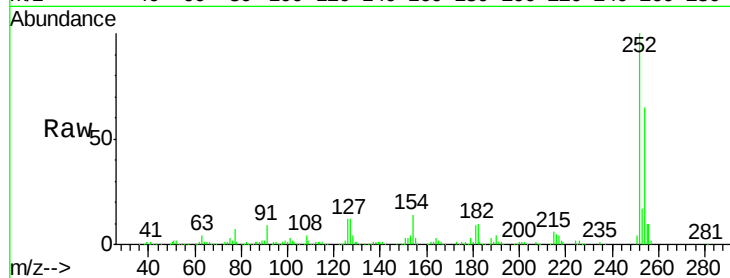




#81  
 3,3'-Dichlorobenzidine  
 Concen: 18.70 ng  
 RT: 13.73 min Scan# 1054  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

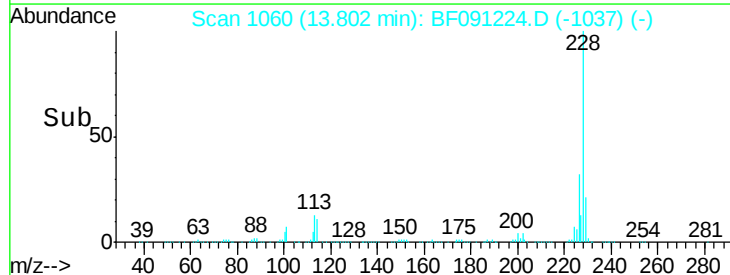
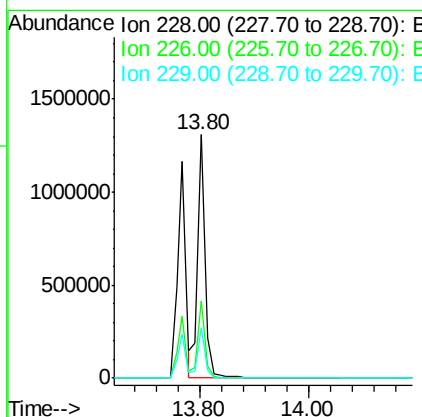
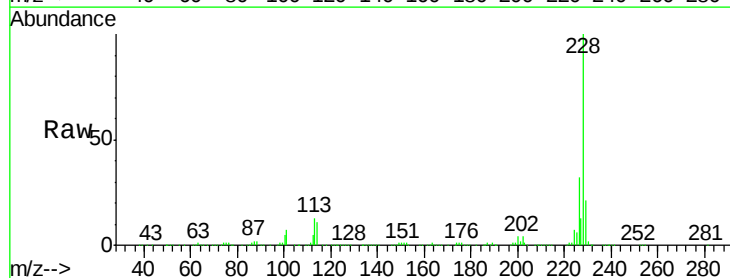
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

Tot Ion:252 Resp: 189236  
 Ion Ratio Lower Upper  
 252 100  
 254 64.8 52.0 78.0  
 126 12.4 5.4 8.2#



#82  
 Chrysene  
 Concen: 43.38 ng  
 RT: 13.80 min Scan# 1060  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:228 Resp: 1232405  
 Ion Ratio Lower Upper  
 228 100  
 226 31.9 24.9 37.3  
 229 20.6 15.9 23.9

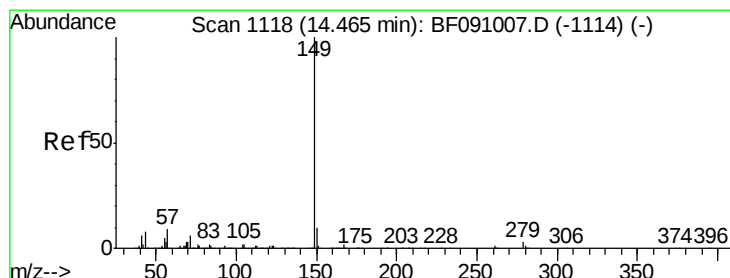
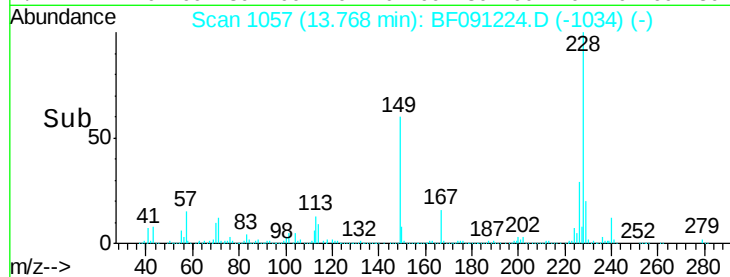
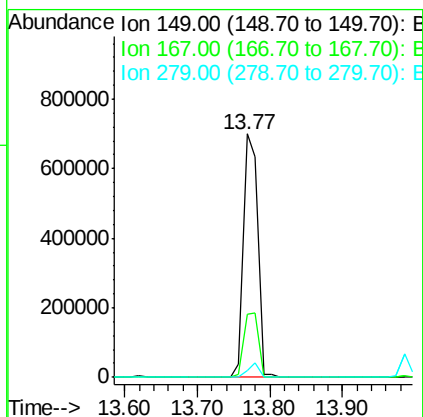
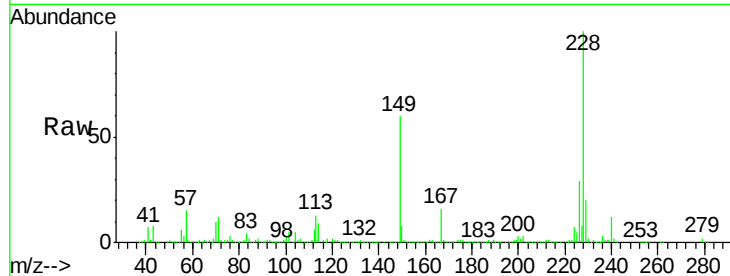




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.59 ng  
 RT: 13.77 min Scan# 1057  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

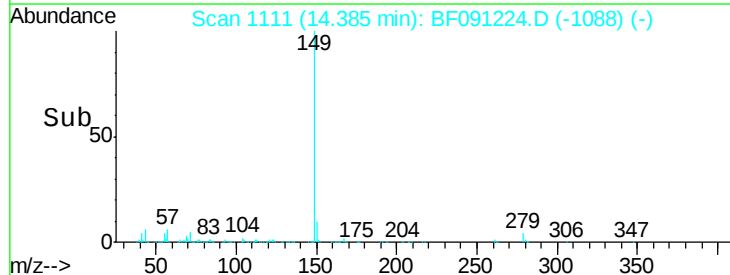
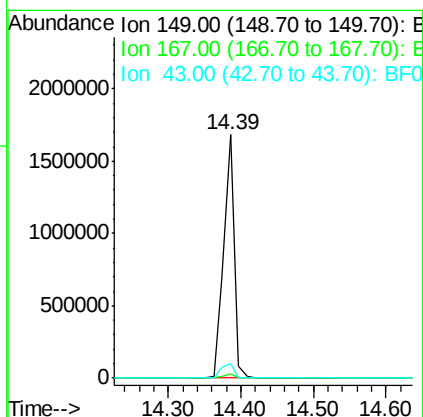
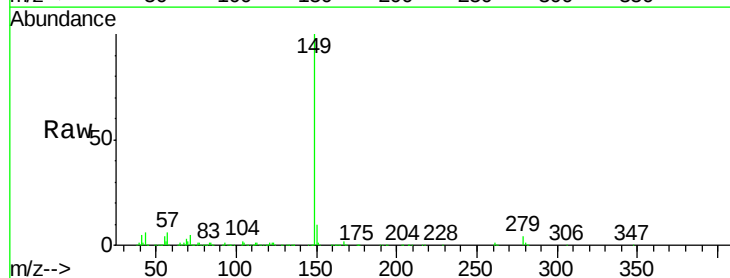
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

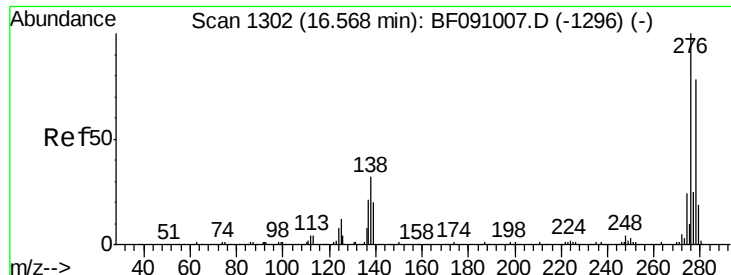
Tot Ion:149 Resp: 959195  
 Ion Ratio Lower Upper  
 149 100  
 167 26.0 20.4 30.6  
 279 2.6 1.6 2.4#



#84  
 Di-n-octyl phthalate  
 Concen: 48.35 ng  
 RT: 14.39 min Scan# 1111  
 Delta R.T. -0.03 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:149 Resp: 1710029  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 7.3 8.2 12.4#

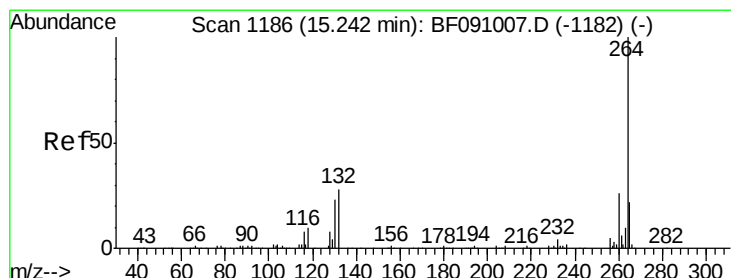
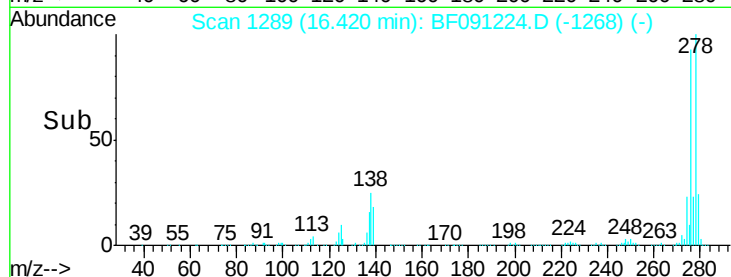
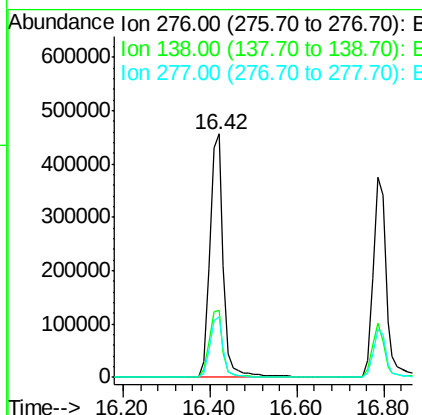
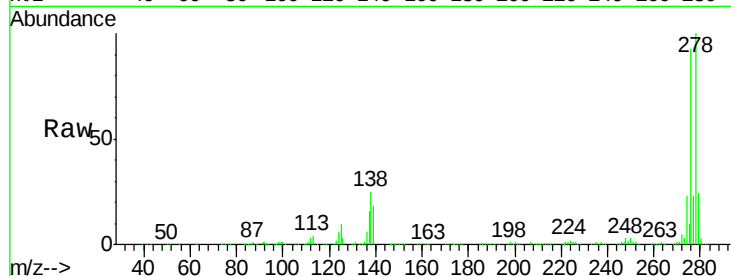




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.62 ng  
 RT: 16.42 min Scan# 1289  
 Delta R.T. -0.06 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

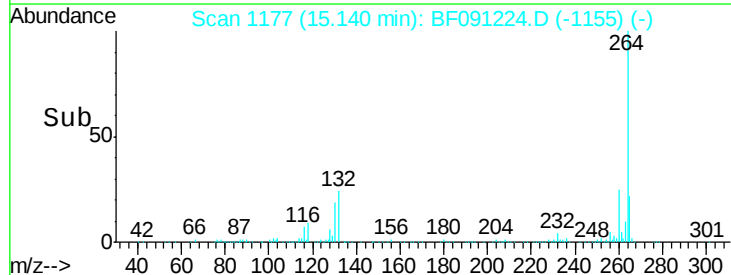
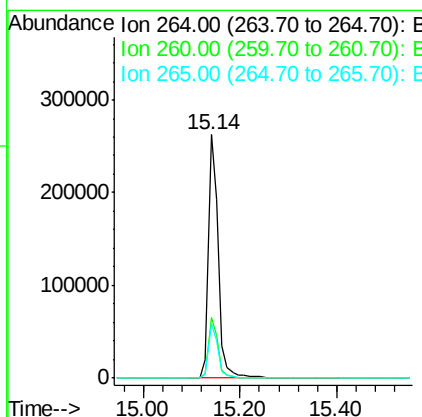
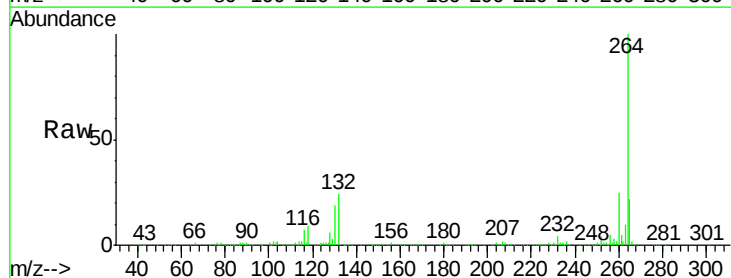
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

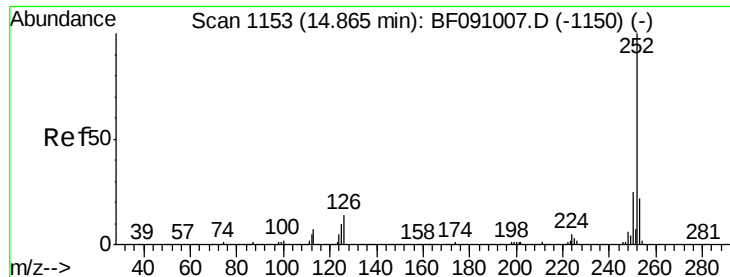
Tot Ion:276 Resp: 1004663  
 Ion Ratio Lower Upper  
 276 100  
 138 28.0 26.0 39.0  
 277 25.0 20.1 30.1



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.14 min Scan# 1177  
 Delta R.T. -0.05 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Tgt Ion:264 Resp: 375569  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 20.6 30.8  
 265 22.3 17.8 26.8

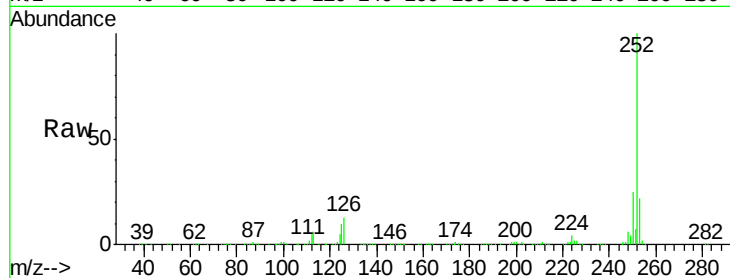




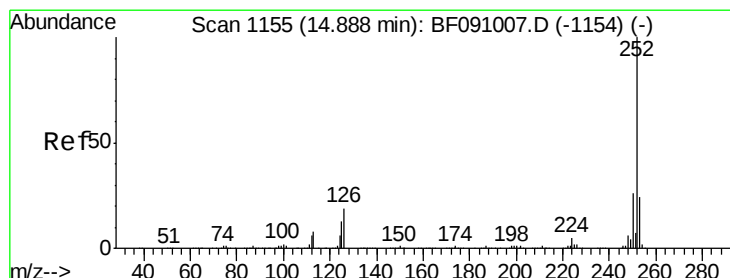
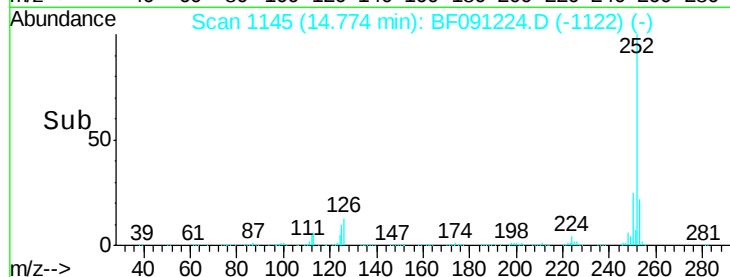
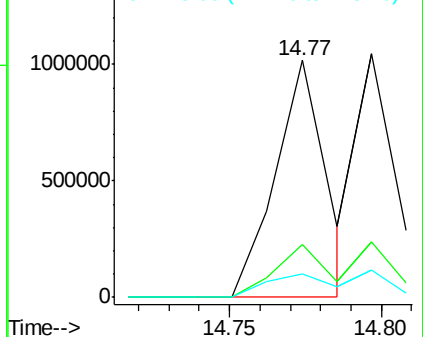
#87  
Benzo(b)fluoranthene  
Concen: 45.67 ng m  
RT: 14.77 min Scan# 1145  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
SB-COMPMSD

Tot Ion:252 Resp: 1163269  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.0 27.0  
125 9.7 8.3 12.5

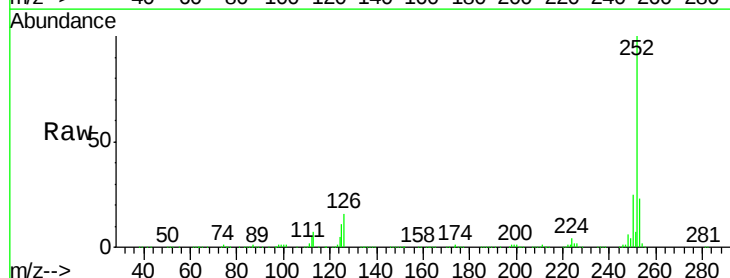


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

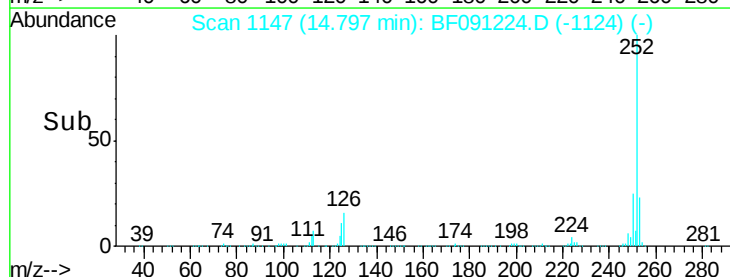
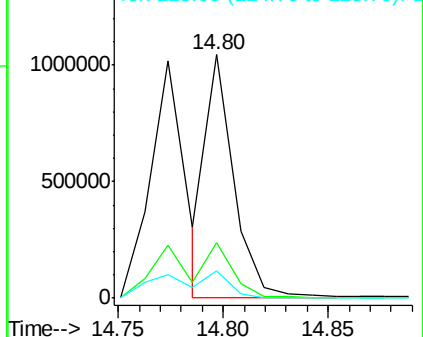


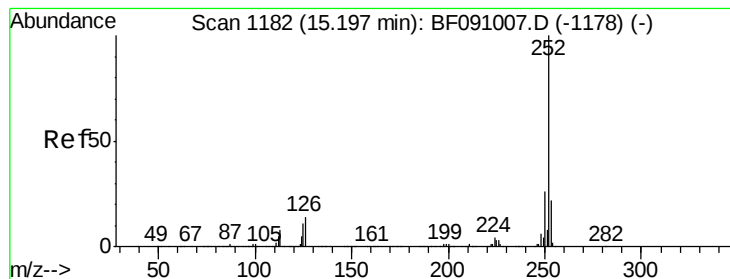
#88  
Benzo(k)fluoranthene  
Concen: 43.71 ng m  
RT: 14.80 min Scan# 1147  
Delta R.T. -0.03 min  
Lab File: BF091224.D  
Acq: 17 Nov 2016 20:43

Tgt Ion:252 Resp: 976690  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.6 28.0  
125 11.2 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.83 ng

RT: 15.09 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA\_F

ClientSampleId :

SB-COMPMSD

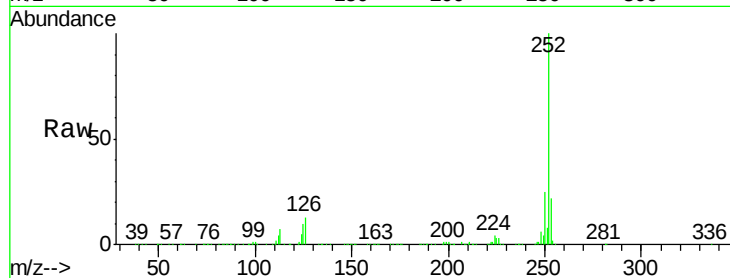
Tot Ion:252 Resp: 994086

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

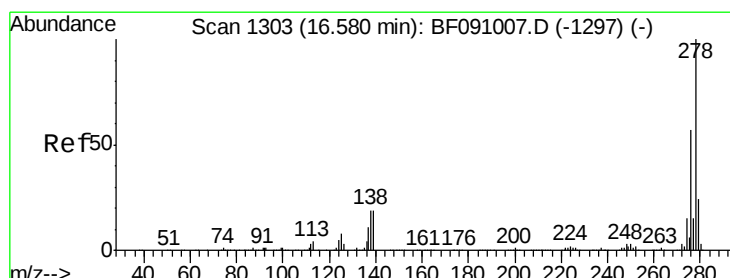
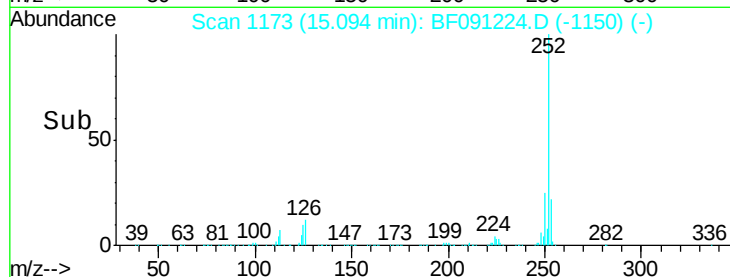
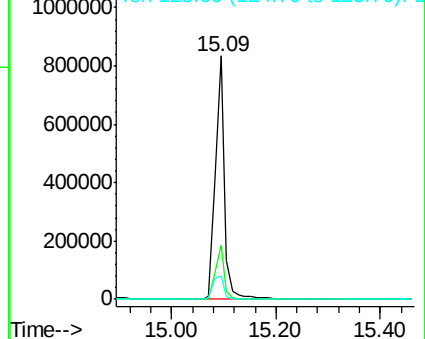
125 9.9 8.6 13.0



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: 44.53 ng

RT: 16.42 min Scan# 1289

Delta R.T. -0.07 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

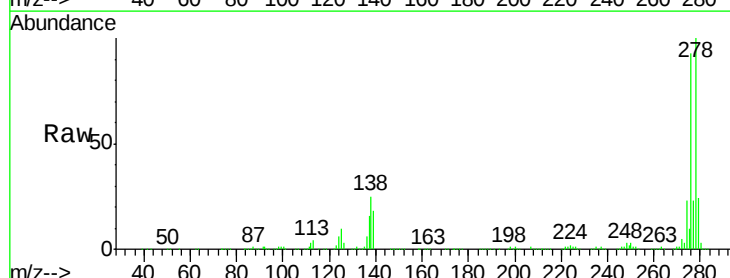
Tgt Ion:278 Resp: 853698

Ion Ratio Lower Upper

278 100

139 18.4 15.3 22.9

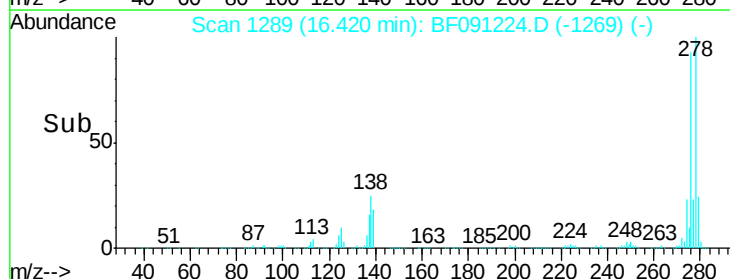
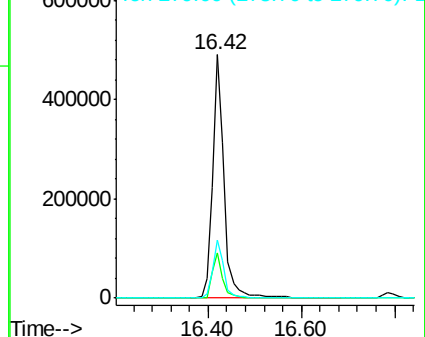
279 23.7 19.3 28.9

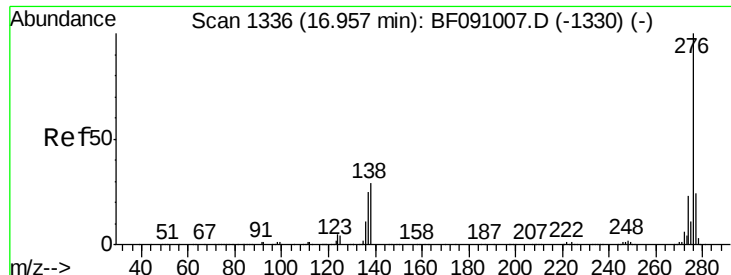


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

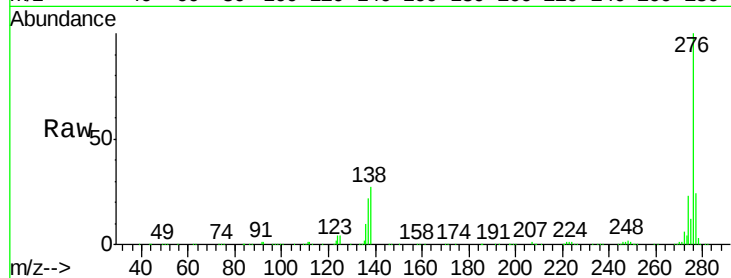




#91  
 Benzo(a,h,i)perylene  
 Concen: 45.95 ng  
 RT: 16.79 min Scan# 1321  
 Delta R.T. -0.07 min  
 Lab File: BF091224.D  
 Acq: 17 Nov 2016 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 19.2  | 28.8  |
| 138     | 27.0  | 23.3  | 34.9  |



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

