

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\  
 Data File : BF092174.D  
 Acq On : 10 Jan 2017 11:45  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 10 13:52:55 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 06 15:43:51 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.63  | 152  | 280363   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.92  | 136  | 1162848  | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.67  | 164  | 590896   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.14 | 188  | 952588   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.79 | 240  | 684740   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.16 | 264  | 550095   | 20.00 | ng    | 0.01     |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.24  | 112 | 1211357 | 72.14 | ng | 0.00  |
| 7) Phenol-d6                | 6.31  | 99  | 1682208 | 82.06 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.20  | 82  | 1705122 | 81.54 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.47 | 330 | 416475  | 85.17 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.01  | 172 | 2694003 | 94.92 | ng | 0.00  |
| 78) Terphenyl-d14           | 12.73 | 244 | 2246248 | 79.56 | ng | -0.01 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.10 | 88  | 292621  | 35.40  | ng | 99   |
| 3) Pyridine                    | 2.74 | 79  | 932491  | 32.32  | ng | 98   |
| 4) n-Nitrosodimethylamine      | 2.72 | 42  | 386371  | 35.50  | ng | 97   |
| 6) Aniline                     | 6.29 | 93  | 1144880 | 43.00  | ng | # 45 |
| 8) 2-Chlorophenol              | 6.42 | 128 | 781535  | 40.92  | ng | 93   |
| 9) Benzaldehyde                | 6.17 | 77  | 488119  | 42.82  | ng | 98   |
| 10) Phenol                     | 6.32 | 94  | 1102939 | 47.21  | ng | # 68 |
| 11) bis(2-Chloroethyl)ether    | 6.38 | 93  | 802226  | 43.16  | ng | 92   |
| 12) 1,3-Dichlorobenzene        | 6.56 | 146 | 823634  | 40.40  | ng | # 91 |
| 13) 1,4-Dichlorobenzene        | 6.64 | 146 | 787667  | 37.95  | ng | 100  |
| 14) 1,2-Dichlorobenzene        | 6.80 | 146 | 746839  | 41.47  | ng | 99   |
| 15) Benzyl Alcohol             | 6.79 | 79  | 587410  | 36.88  | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.92 | 45  | 1154278 | 41.70  | ng | 60   |
| 17) 2-Methylphenol             | 6.93 | 107 | 626520  | 40.79  | ng | 94   |
| 18) Hexachloroethane           | 7.13 | 117 | 309204  | 40.19  | ng | # 85 |
| 19) n-Nitroso-di-n-propylamine | 7.06 | 70  | 549510  | 40.29  | ng | 97   |
| 20) 3+4-Methylphenols          | 7.08 | 107 | 848035  | 46.29  | ng | # 71 |
| 22) Acetophenone               | 7.05 | 105 | 1154523 | 40.25  | ng | # 92 |
| 24) Nitrobenzene               | 7.22 | 77  | 858490  | 38.54  | ng | 97   |
| 25) Isophorone                 | 7.46 | 82  | 1553746 | 40.27  | ng | 96   |
| 26) 2-Nitrophenol              | 7.54 | 139 | 480247  | 43.72  | ng | # 82 |
| 27) 2,4-Dimethylphenol         | 7.60 | 122 | 693300  | 38.06  | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.68 | 93  | 914834  | 39.10  | ng | 100  |
| 29) 2,4-Dichlorophenol         | 7.80 | 162 | 619367  | 40.15  | ng | 90   |
| 30) 1,2,4-Trichlorobenzene     | 7.86 | 180 | 663077  | 39.22  | ng | 96   |
| 31) Naphthalene                | 7.94 | 128 | 2278166 | 42.81  | ng | 99   |
| 32) Benzoic acid               | 7.78 | 122 | 468848  | 34.70  | ng | 98   |
| 33) 4-Chloroaniline            | 8.00 | 127 | 963378  | 40.14  | ng | 99   |
| 34) Hexachlorobutadiene        | 8.06 | 225 | 360097  | 40.36  | ng | 100  |
| 35) Caprolactam                | 8.40 | 113 | 203314  | 40.11  | ng | # 70 |
| 36) 4-Chloro-3-methylphenol    | 8.52 | 107 | 743649  | 41.89  | ng | 90   |
| 37) 2-Methylnaphthalene        | 8.63 | 142 | 1308100 | 38.55  | ng | 100  |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.80 | 216 | 580202  | 38.86  | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 8.79 | 237 | 211968  | 34.27  | ng | 99   |

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 Data File : BF092174.D  
 Acq On : 10 Jan 2017 11:45  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

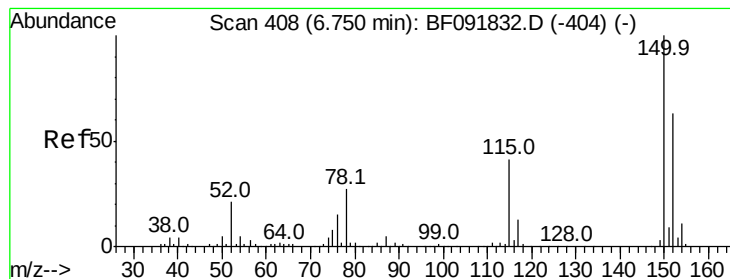
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 10 13:52:55 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 06 15:43:51 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 8.93  | 196  | 427114   | 40.91  | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 8.97  | 196  | 407209   | 37.90  | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.10  | 154  | 1579314  | 39.03  | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.12  | 162  | 1246462  | 38.90  | ng    | 96       |
| 47) 2-Nitroaniline             | 9.22  | 65   | 441225   | 38.68  | ng    | 96       |
| 48) Acenaphthylene             | 9.53  | 152  | 1851306  | 37.57  | ng    | 99       |
| 49) Dimethylphthalate          | 9.42  | 163  | 1637080  | 43.32  | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.48  | 165  | 342560   | 41.41  | ng    | # 82     |
| 51) Acenaphthene               | 9.70  | 154  | 1168798  | 34.99  | ng    | 99       |
| 52) 3-Nitroaniline             | 9.65  | 138  | 482475   | 47.13  | ng    | 91       |
| 53) 2,4-Dinitrophenol          | 9.76  | 184  | 211945   | 46.05  | ng    | # 92     |
| 54) Dibenzofuran               | 9.88  | 168  | 1585692  | 35.15  | ng    | 100      |
| 55) 4-Nitrophenol              | 9.88  | 139  | 898131   | 129.21 | ng    | # 8      |
| 56) 2,4-Dinitrotoluene         | 9.88  | 165  | 378628   | 36.47  | ng    | # 68     |
| 57) Fluorene                   | 10.22 | 166  | 1225093  | 37.32  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.01 | 232  | 340514   | 40.07  | ng    | 95       |
| 59) Diethylphthalate           | 10.10 | 149  | 1438985  | 39.21  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.22 | 204  | 605984   | 42.16  | ng    | # 80     |
| 61) 4-Nitroaniline             | 10.26 | 138  | 470173   | 44.32  | ng    | 84       |
| 62) Azobenzene                 | 10.38 | 77   | 1709913  | 42.31  | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198  | 291545   | 50.61  | ng    | 94       |
| 65) n-Nitrosodiphenylamine     | 10.34 | 169  | 1250226  | 44.23  | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.70 | 248  | 382953   | 38.65  | ng    | 97       |
| 67) Hexachlorobenzene          | 10.77 | 284  | 398697   | 37.64  | ng    | # 89     |
| 68) Atrazine                   | 10.87 | 200  | 287967   | 31.58  | ng    | 97       |
| 69) Pentachlorophenol          | 10.97 | 266  | 193480   | 37.23  | ng    | 99       |
| 70) Phenanthrene               | 11.18 | 178  | 2150979  | 41.64  | ng    | 99       |
| 71) Anthracene                 | 11.22 | 178  | 1812956  | 37.39  | ng    | 99       |
| 72) Carbazole                  | 11.38 | 167  | 1794367  | 40.31  | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.73 | 149  | 2381488  | 49.02  | ng    | # 98     |
| 74) Fluoranthene               | 12.36 | 202  | 1911727  | 41.92  | ng    | 99       |
| 76) Benzidine                  | 12.48 | 184  | 810032   | 46.94  | ng    | 98       |
| 77) Pyrene                     | 12.58 | 202  | 1908884  | 38.00  | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.21 | 149  | 1044578  | 45.72  | ng    | 100      |
| 80) Benzo(a)anthracene         | 13.77 | 228  | 1728259  | 44.71  | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.75 | 252  | 757803   | 51.70  | ng    | # 94     |
| 82) Chrysene                   | 13.82 | 228  | 1834609  | 47.32  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.77 | 149  | 1191505  | 44.28  | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.39 | 149  | 1739807  | 34.90  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.44 | 276  | 1189087  | 35.40  | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.81 | 252  | 2639699  | 77.07  | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 14.81 | 252  | 2639699  | 90.39  | ng    | # 96     |
| 89) Benzo(a)pyrene             | 15.10 | 252  | 1250870  | 41.15  | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.45 | 278  | 999290   | 40.00  | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 16.83 | 276  | 1019694  | 39.25  | ng    | 99       |
| -----                          |       |      |          |        |       |          |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampled :

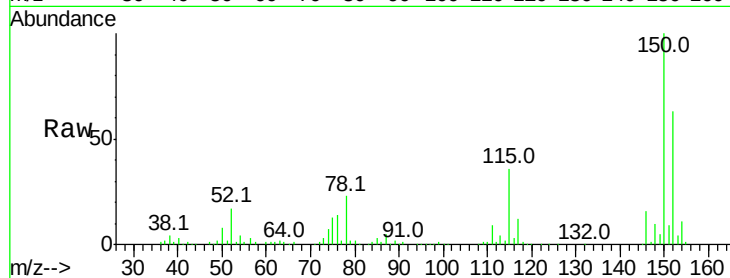
Tot Ion:152 Resp: 280363

Ion Ratio Lower Upper

152 100

150 159.9 124.9 187.3

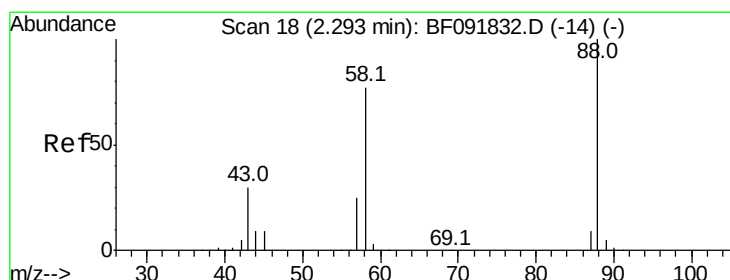
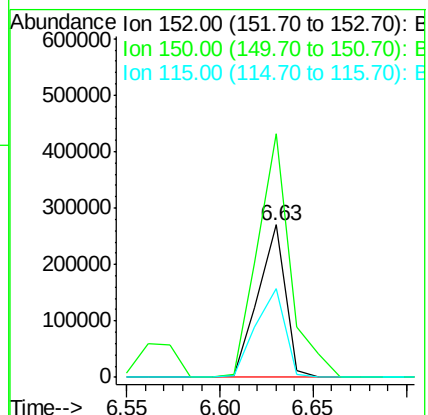
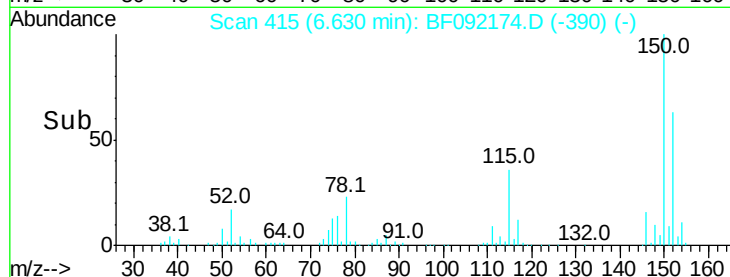
115 58.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.40 ng

RT: 2.10 min Scan# 19

Delta R.T. 0.02 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

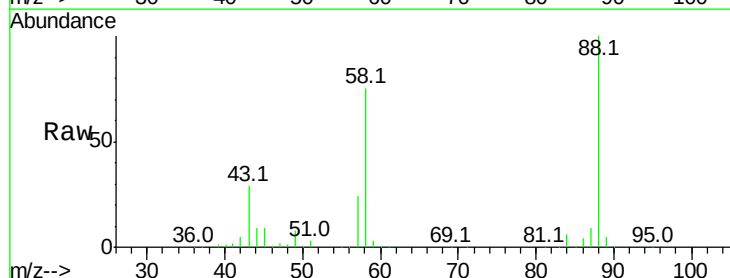
Tgt Ion: 88 Resp: 292621

Ion Ratio Lower Upper

88 100

58 73.4 57.8 86.8

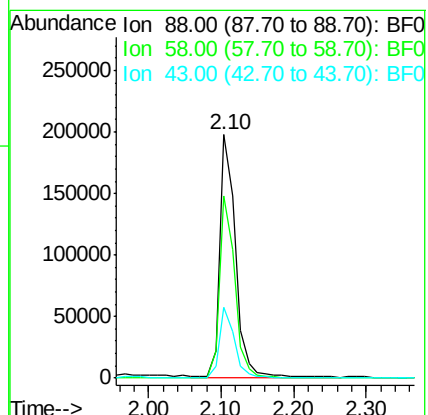
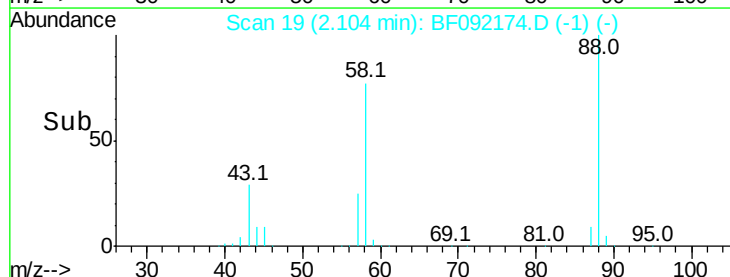
43 27.6 22.3 33.5

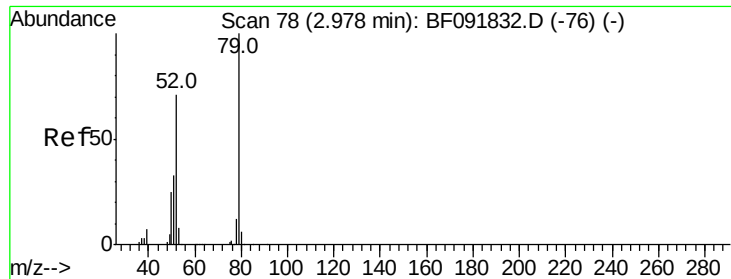


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.32 ng

RT: 2.74 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampled :

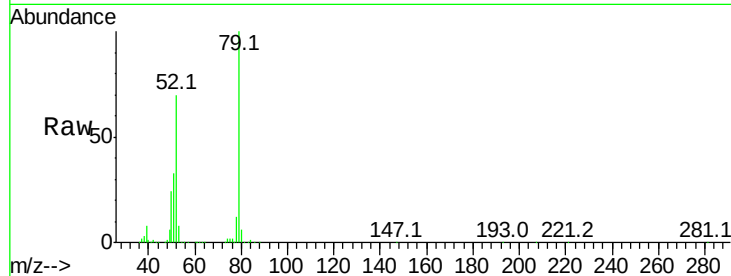
Tot Ion: 79 Resp: 932491

Ion Ratio Lower Upper

79 100

52 69.8 57.1 85.7

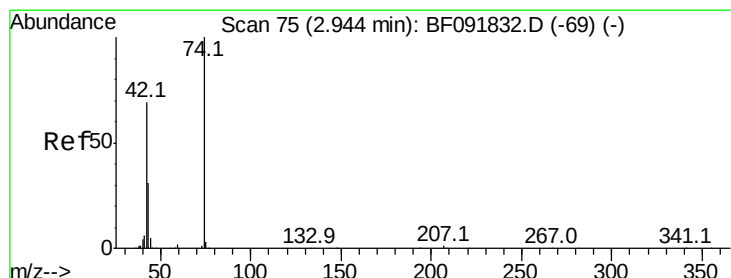
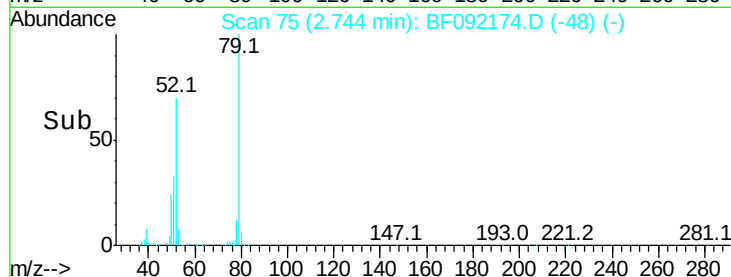
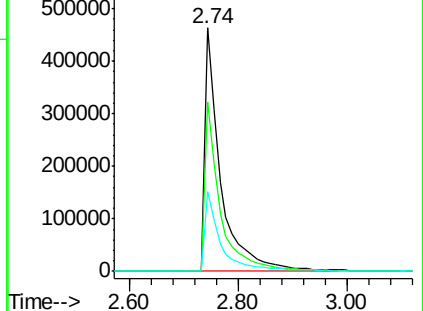
51 33.0 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.50 ng

RT: 2.72 min Scan# 73

Delta R.T. 0.03 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

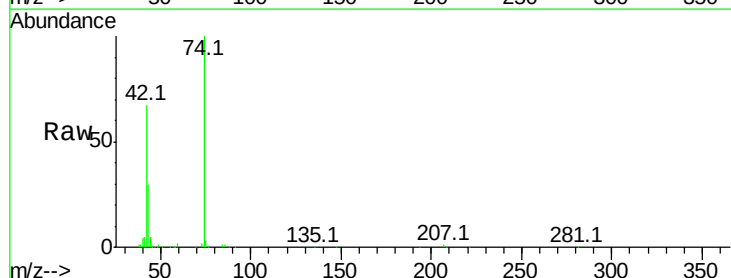
Tgt Ion: 42 Resp: 386371

Ion Ratio Lower Upper

42 100

74 149.8 117.0 175.4

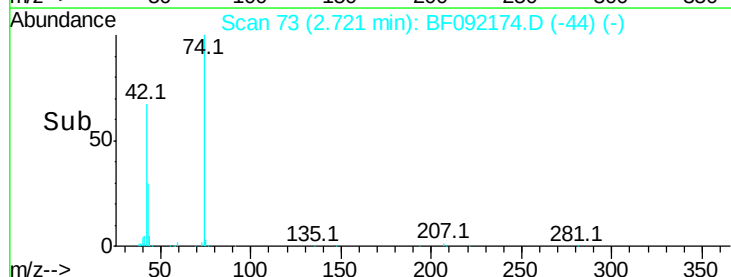
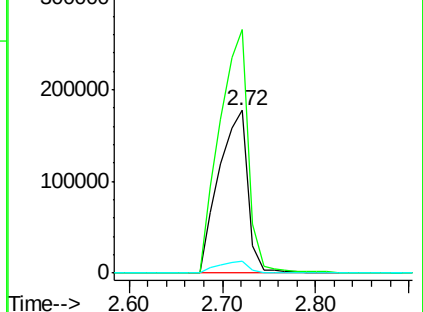
44 7.3 5.5 8.3

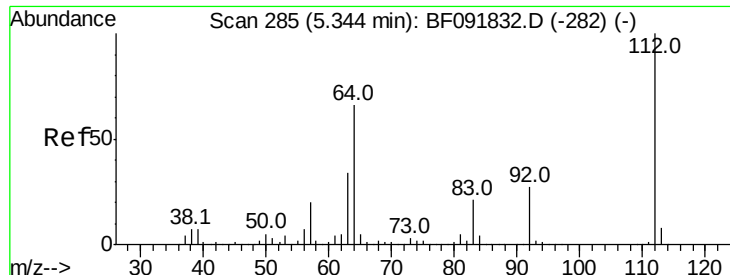


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 72.14 ng

RT: 5.24 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

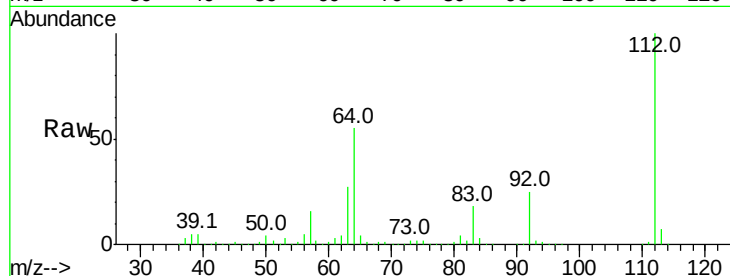
Tot Ion:112 Resp: 1211357

Ion Ratio Lower Upper

112 100

64 54.7 46.1 69.1

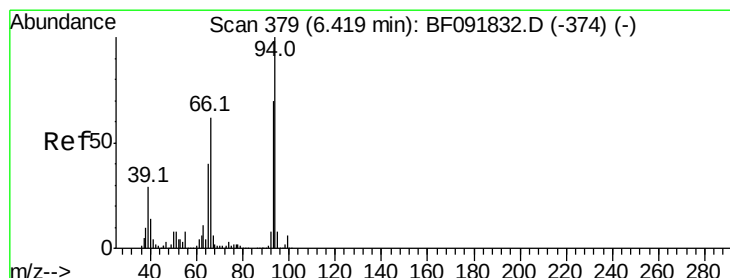
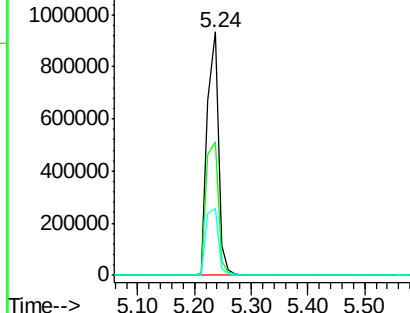
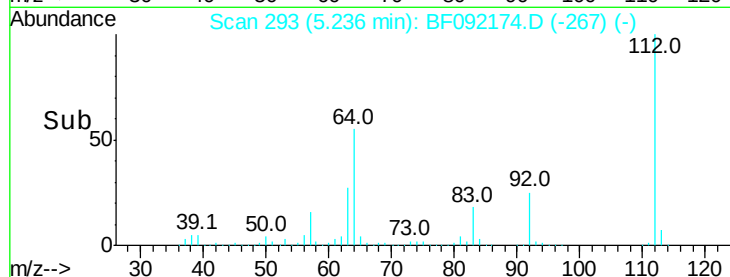
63 27.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 43.00 ng

RT: 6.29 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

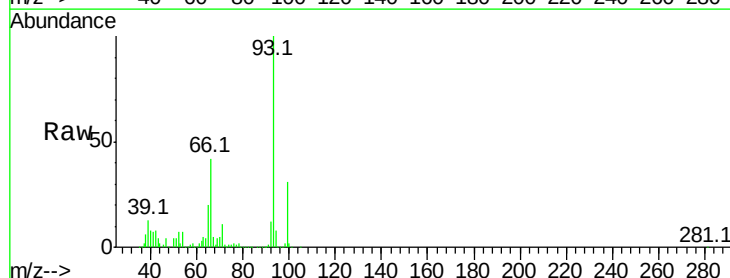
Tgt Ion: 93 Resp: 1144880

Ion Ratio Lower Upper

93 100

66 41.7 76.2 114.2#

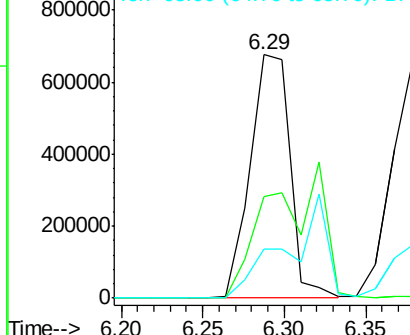
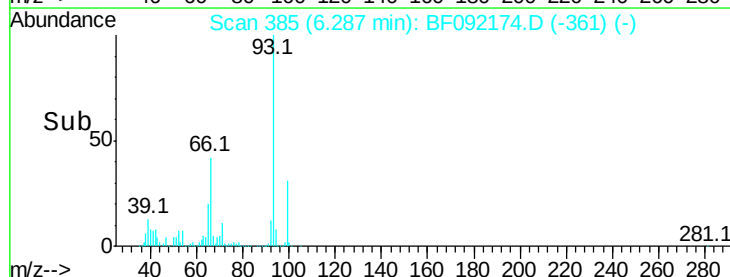
65 20.2 49.3 73.9#

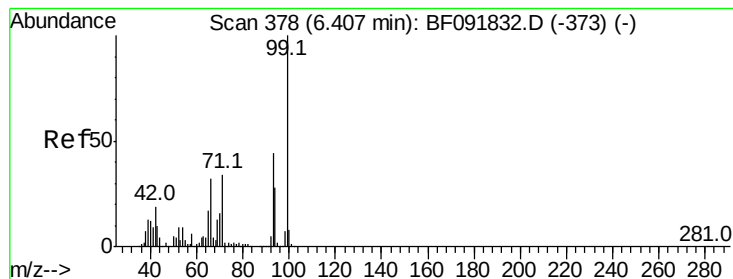


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.06 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

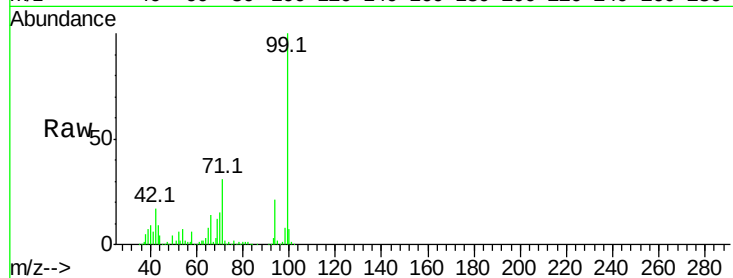
Tot Ion: 99 Resp: 1682208

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

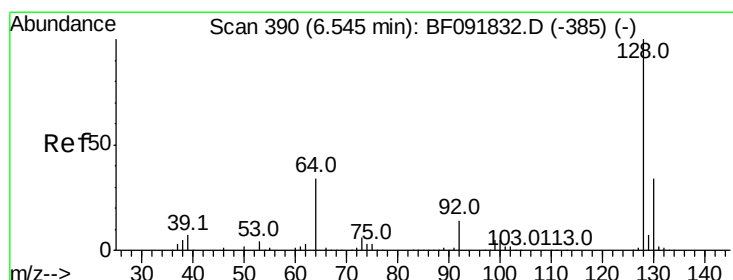
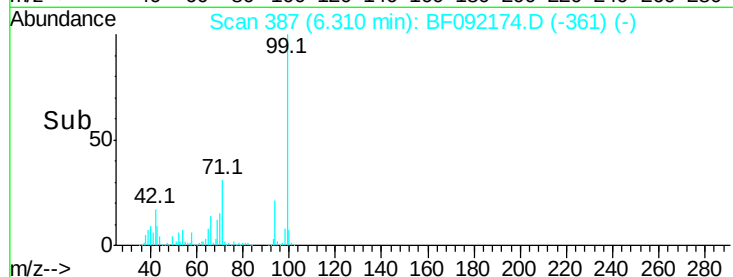
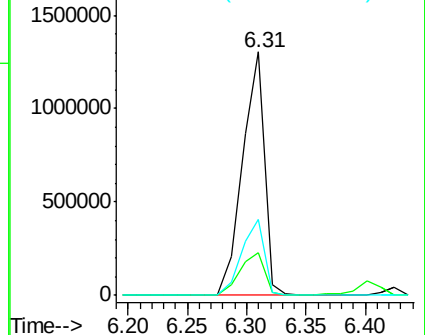
71 31.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.92 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

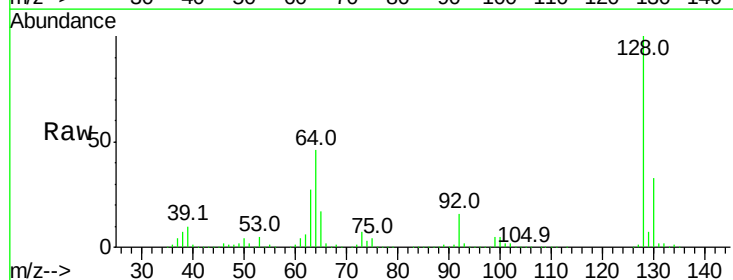
Tgt Ion:128 Resp: 781535

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

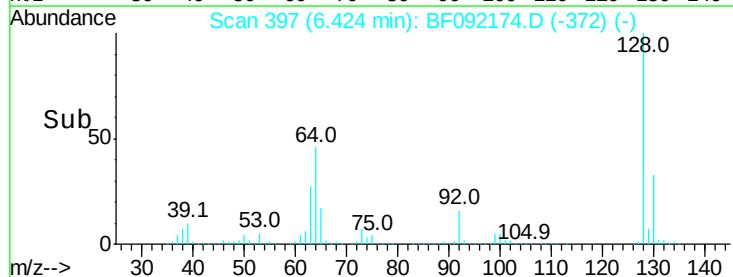
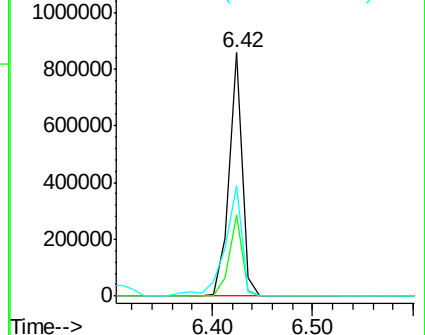
64 45.6 32.2 72.2

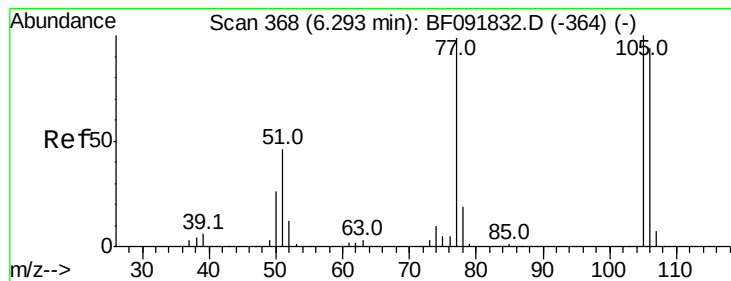


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.82 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampled :

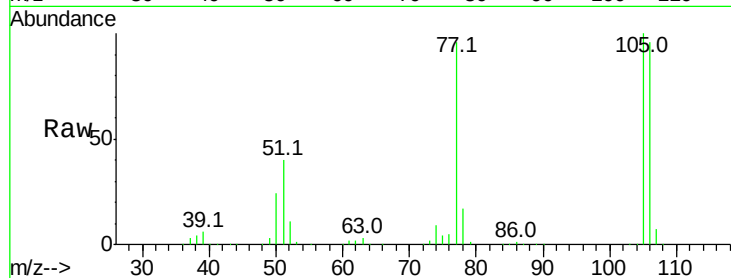
Tot Ion: 77 Resp: 488119

Ion Ratio Lower Upper

77 100

105 104.4 83.9 123.9

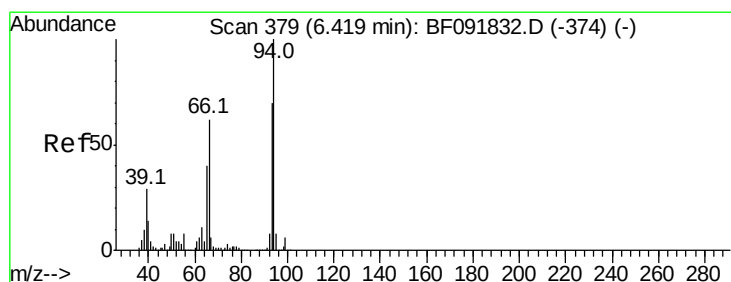
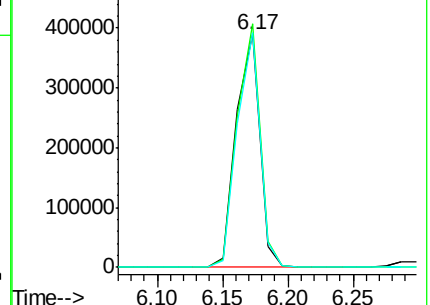
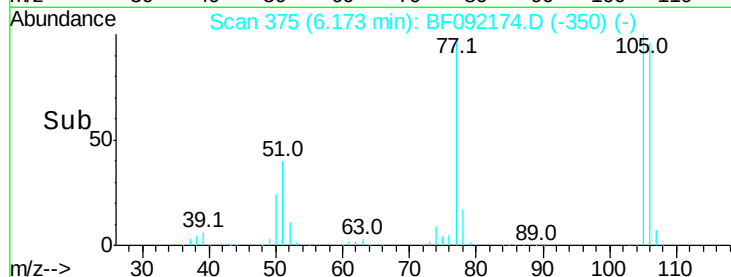
106 100.7 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.21 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

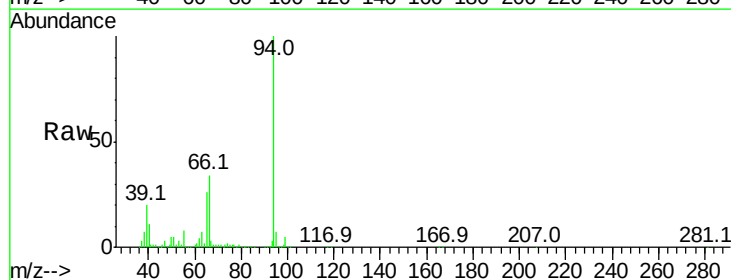
Tgt Ion: 94 Resp: 1102939

Ion Ratio Lower Upper

94 100

65 26.4 21.4 61.4

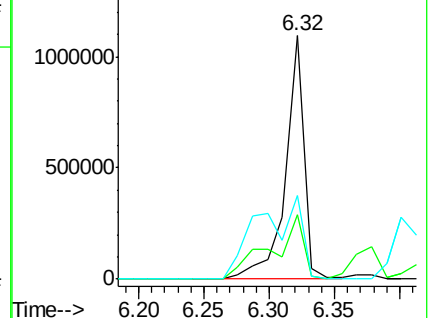
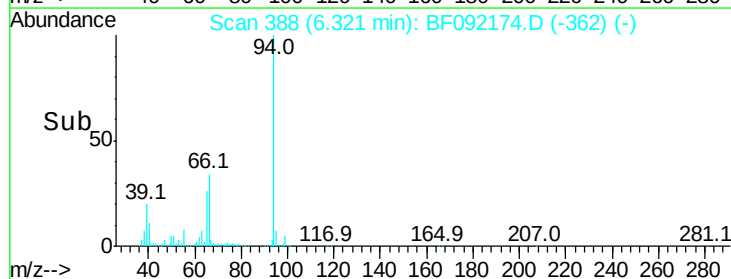
66 34.4 44.0 84.0#



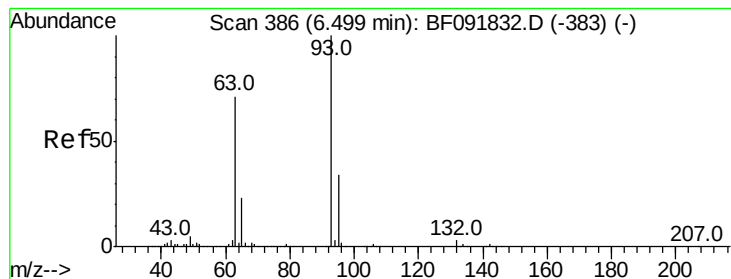
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



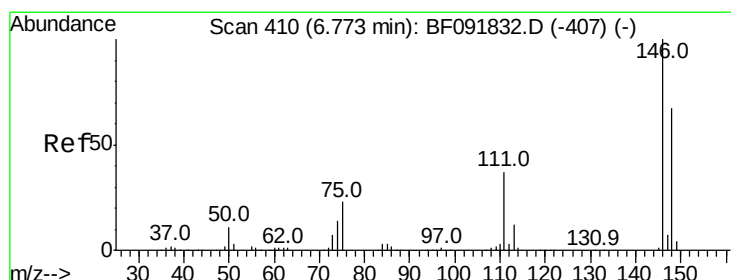
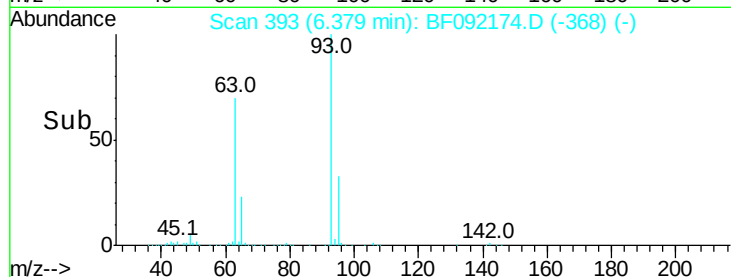
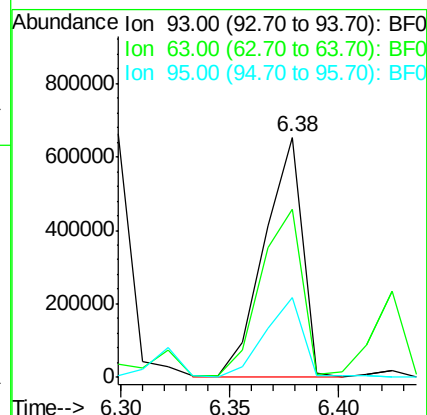
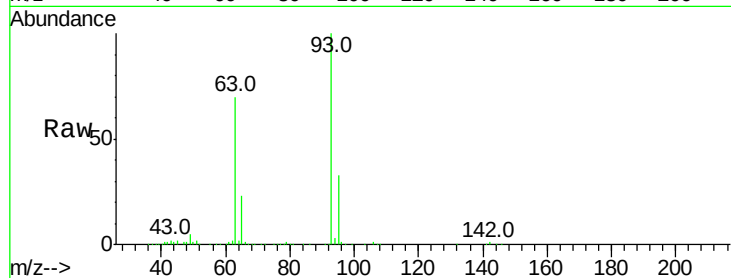




#11  
bis(2-Chloroethyl)ether  
Concen: 43.16 ng  
RT: 6.38 min Scan# 393  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

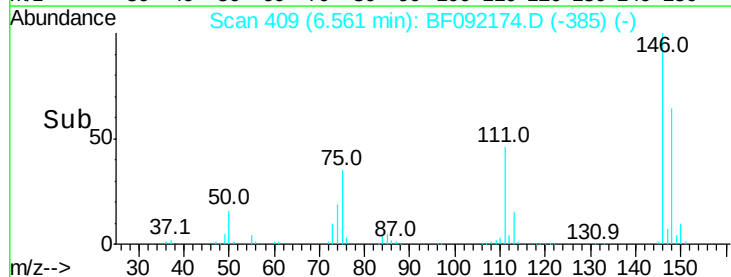
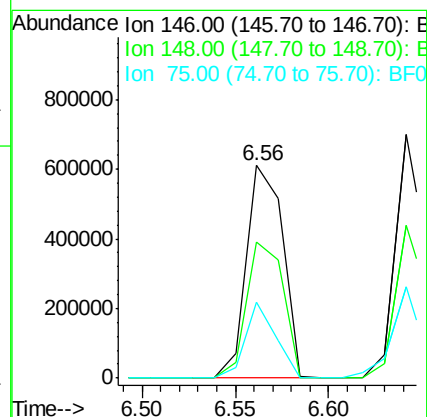
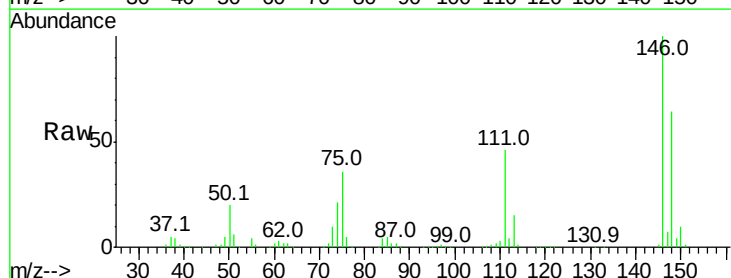
Instrument :  
BNA\_F  
ClientSampleId :

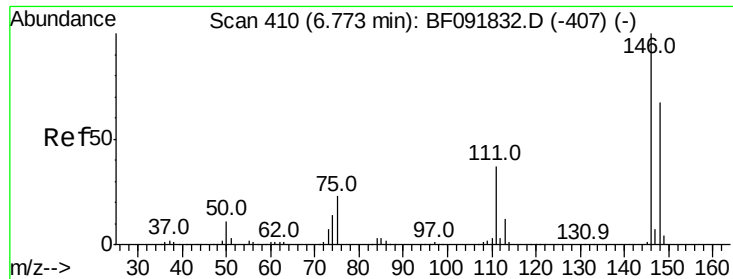
Tot Ion: 93 Resp: 802226  
Ion Ratio Lower Upper  
93 100  
63 70.1 60.4 100.4  
95 33.0 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 40.40 ng  
RT: 6.56 min Scan# 409  
Delta R.T. -0.02 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Tgt Ion: 146 Resp: 823634  
Ion Ratio Lower Upper  
146 100  
148 63.8 53.4 80.0  
75 35.9 18.5 27.7#

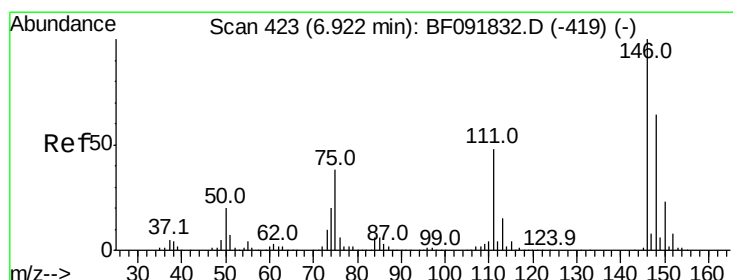
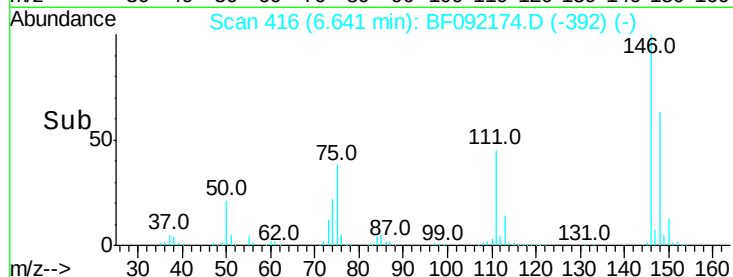
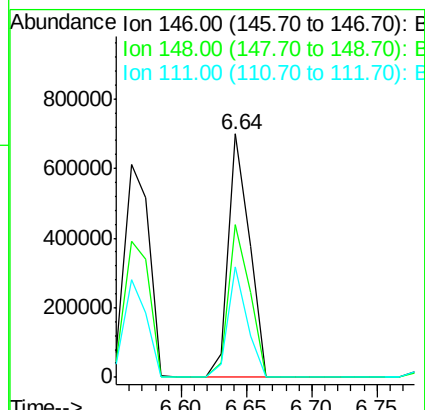
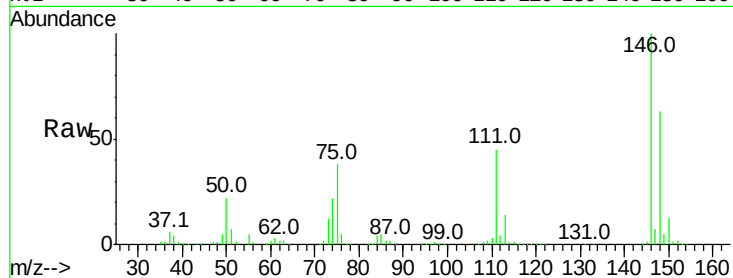




#13  
 1,4-Dichlorobenzene  
 Concen: 37.95 ng  
 RT: 6.64 min Scan# 416  
 Delta R.T. -0.02 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

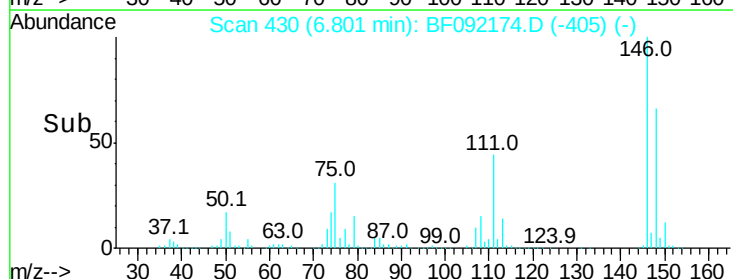
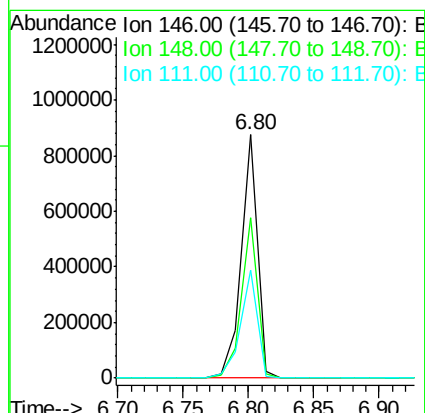
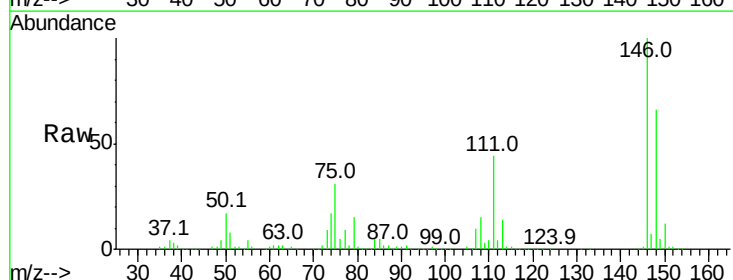
Instrument :  
 BNA\_F  
 ClientSampled :

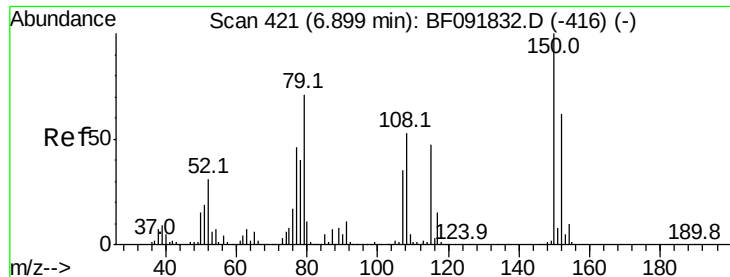
Tot Ion:146 Resp: 787667  
 Ion Ratio Lower Upper  
 146 100  
 148 62.8 50.6 76.0  
 111 45.3 36.2 54.4



#14  
 1,2-Dichlorobenzene  
 Concen: 41.47 ng  
 RT: 6.80 min Scan# 430  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Tgt Ion:146 Resp: 746839  
 Ion Ratio Lower Upper  
 146 100  
 148 65.7 52.2 78.2  
 111 44.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 36.88 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

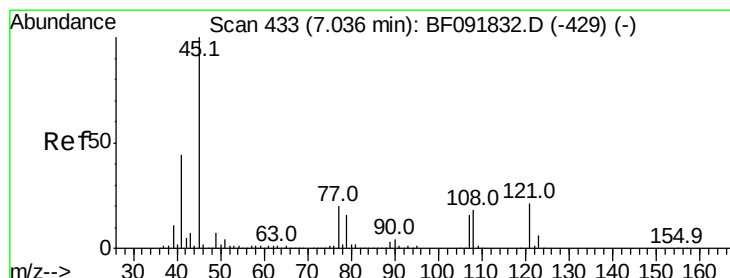
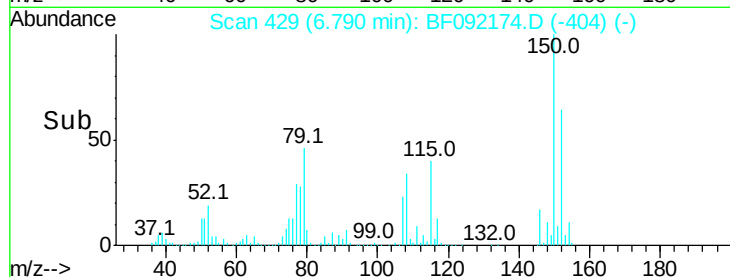
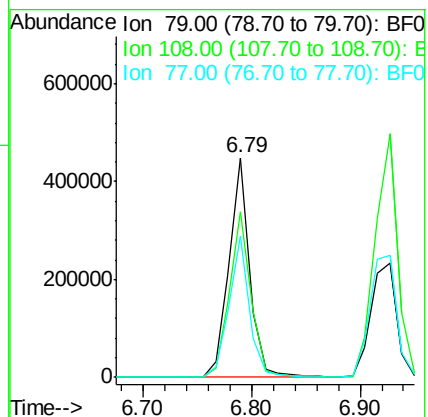
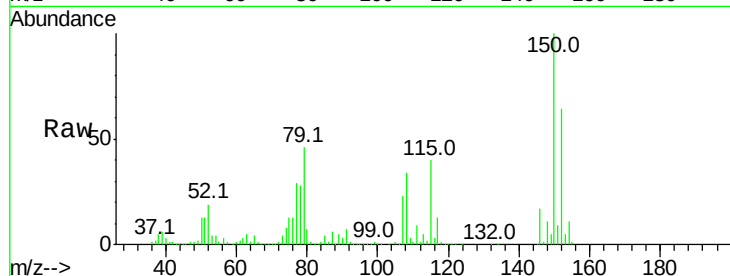
Tot Ion: 79 Resp: 587410

Ion Ratio Lower Upper

79 100

108 75.1 61.4 92.0

77 64.4 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.70 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

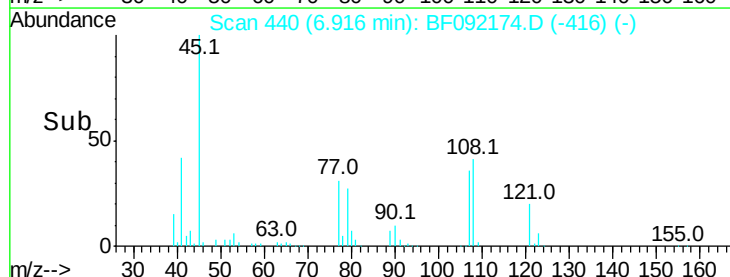
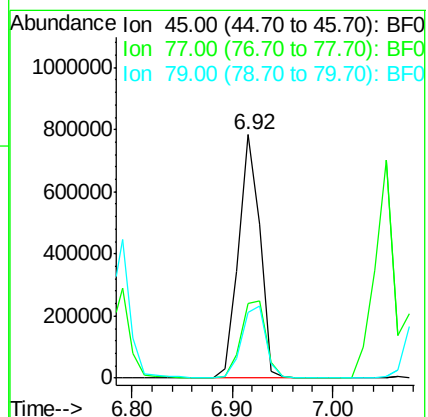
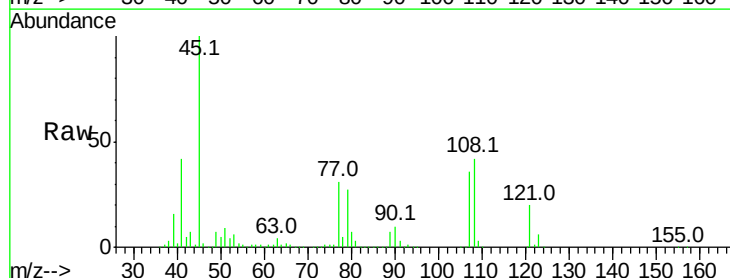
Tgt Ion: 45 Resp: 1154278

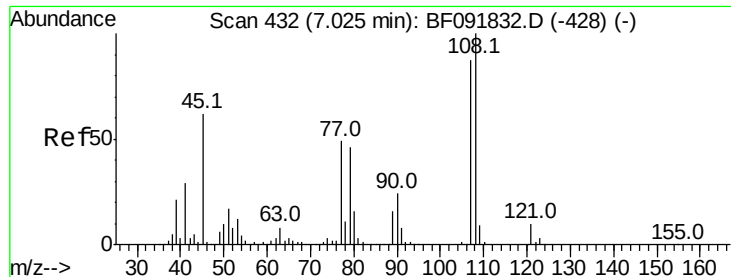
Ion Ratio Lower Upper

45 100

77 30.8 0.0 34.6

79 27.0 0.0 31.2

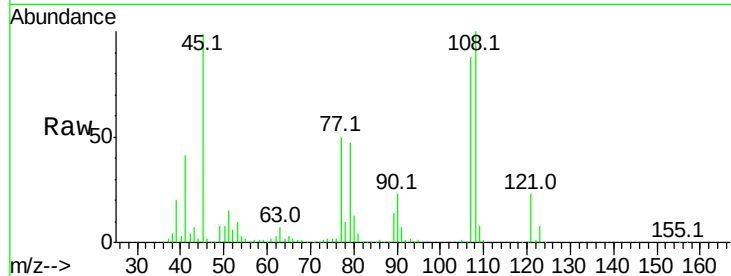




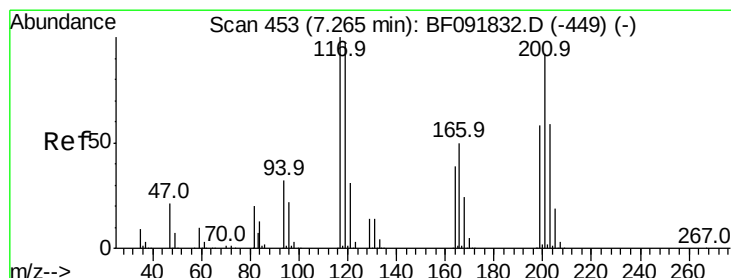
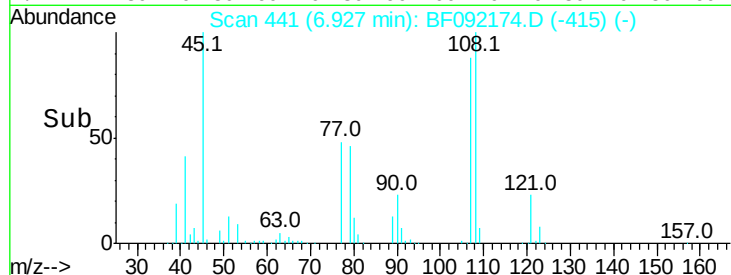
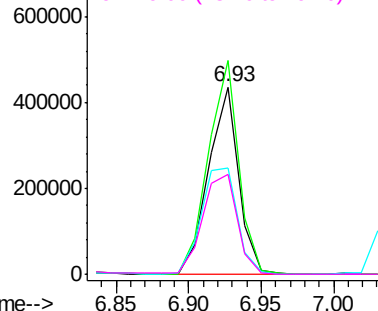
#17  
2-Methylphenol  
Concen: 40.79 ng  
RT: 6.93 min Scan# 441  
Delta R.T. -0.00 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 626520  
Ion Ratio Lower Upper  
107 100  
108 114.1 93.0 139.6  
77 57.0 39.8 59.8  
79 53.5 38.0 57.0

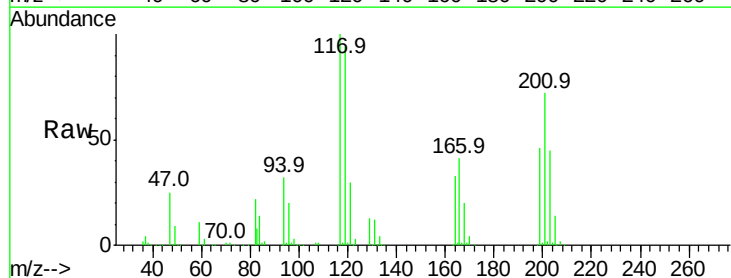


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

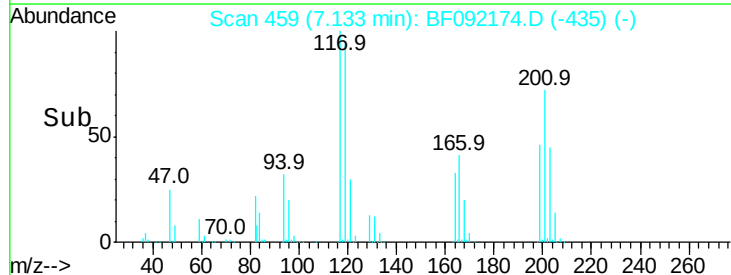
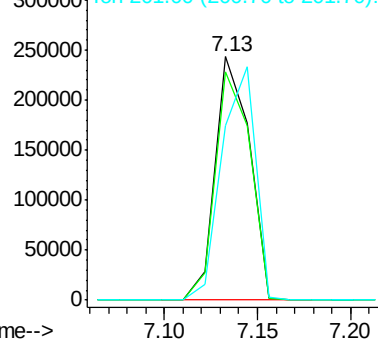


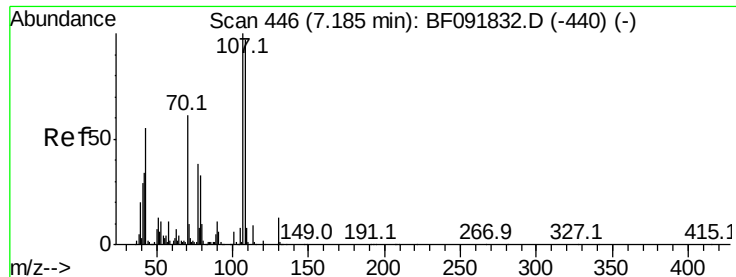
#18  
Hexachloroethane  
Concen: 40.19 ng  
RT: 7.13 min Scan# 459  
Delta R.T. -0.02 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Tgt Ion:117 Resp: 309204  
Ion Ratio Lower Upper  
117 100  
119 93.9 78.1 117.1  
201 71.7 78.6 117.8#



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

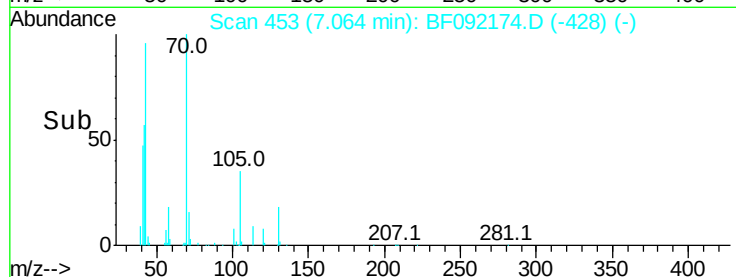
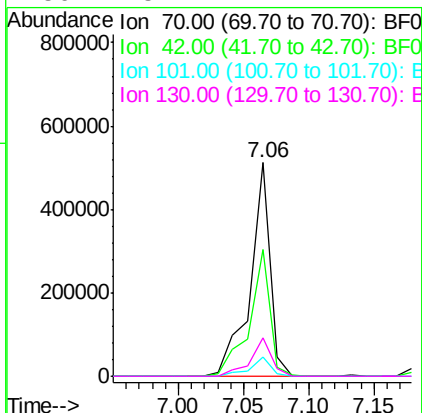
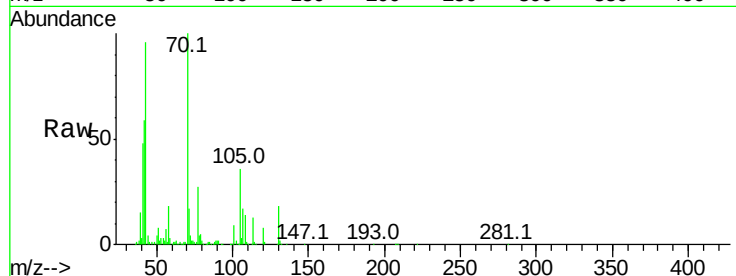




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.29 ng  
RT: 7.06 min Scan# 453  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

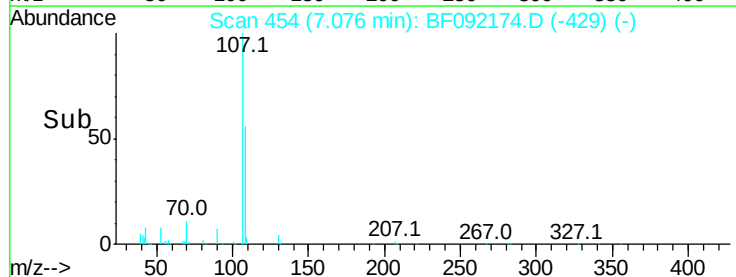
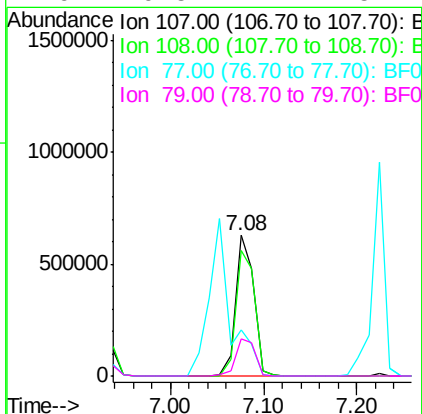
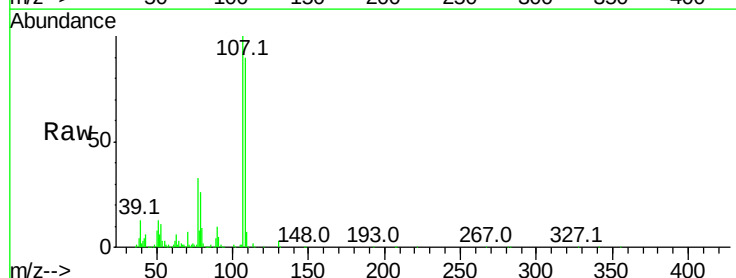
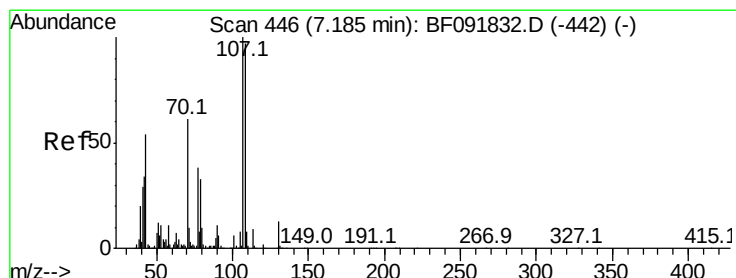
Instrument :  
BNA\_F  
ClientSampleId :

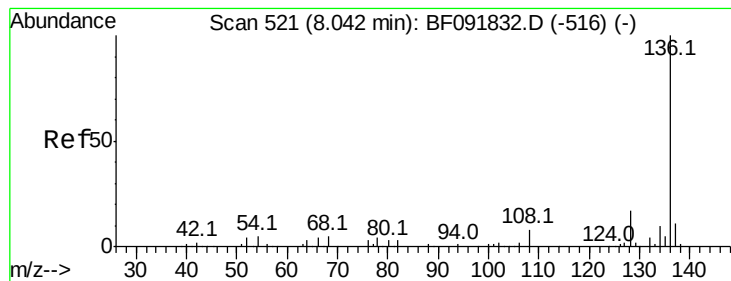
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 549510 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 59.3  | 49.4  | 74.0   |
| 101      | 8.7   | 7.4   | 11.2   |
| 130      | 18.1  | 14.2  | 21.4   |



#20  
3+4-Methylphenols  
Concen: 46.29 ng  
RT: 7.08 min Scan# 454  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 848035 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.8  | 73.0  | 113.0  |
| 77       | 33.0  | 71.3  | 111.3# |
| 79       | 26.5  | 11.1  | 51.1   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

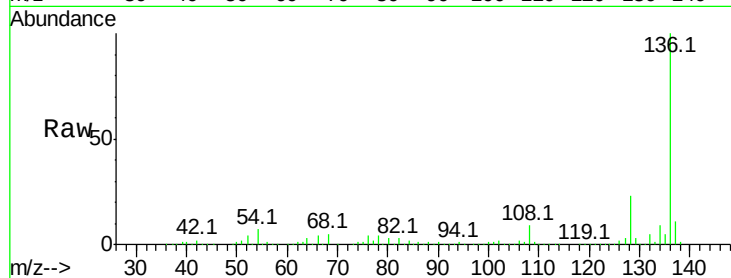
BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 1162848

Ion Ratio Lower Upper

|     |      |     |      |
|-----|------|-----|------|
| 136 | 100  |     |      |
| 137 | 11.1 | 8.4 | 12.6 |
| 54  | 6.5  | 4.5 | 6.7  |
| 68  | 5.4  | 3.6 | 5.4# |

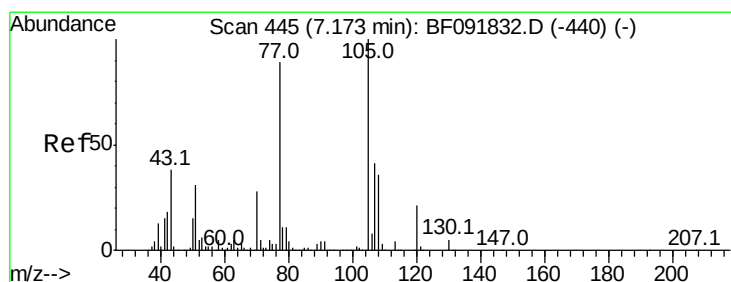
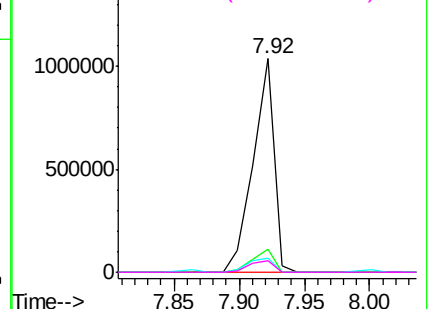
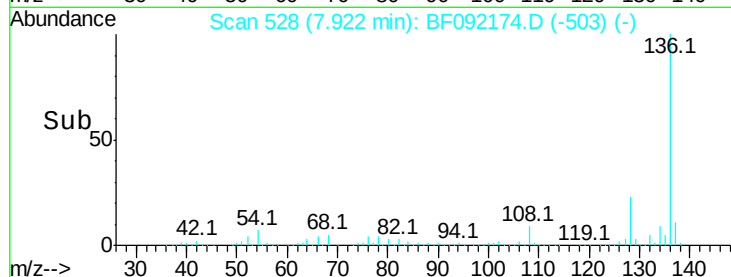


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.25 ng

RT: 7.05 min Scan# 452

Delta R.T. -0.01 min

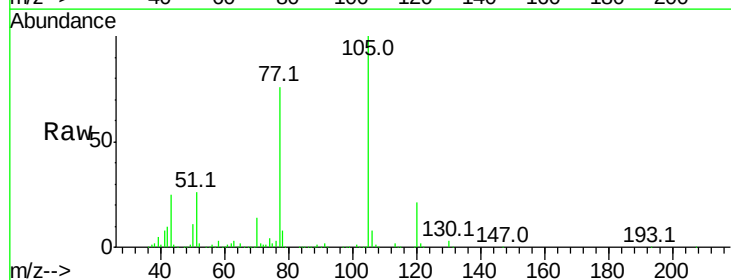
Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Tgt Ion:105 Resp: 1154523

Ion Ratio Lower Upper

|     |      |      |       |
|-----|------|------|-------|
| 105 | 100  |      |       |
| 71  | 2.5  | 3.2  | 4.8#  |
| 51  | 25.8 | 26.2 | 39.4# |
| 120 | 20.9 | 16.6 | 24.8  |

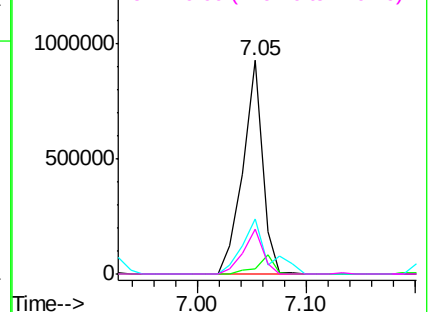
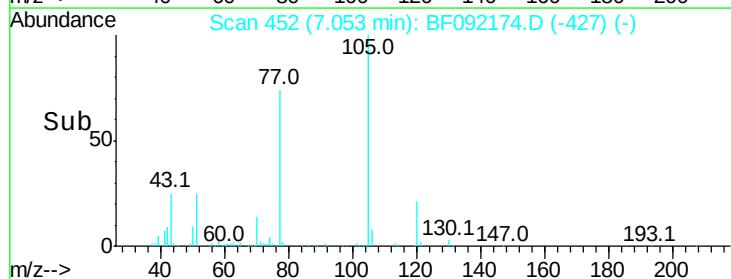


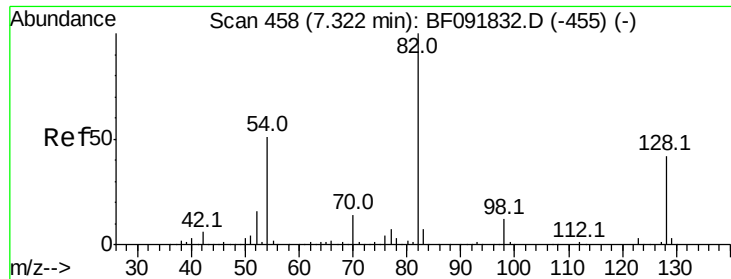
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

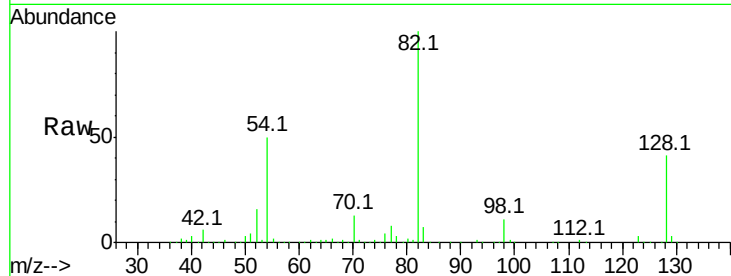




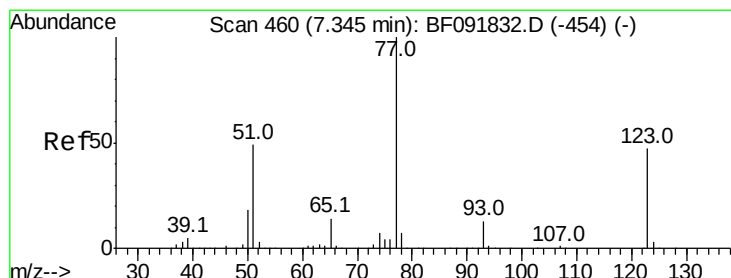
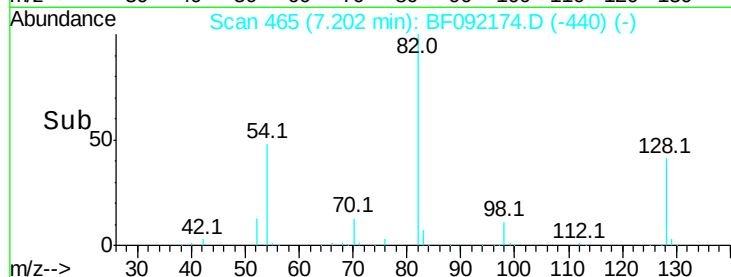
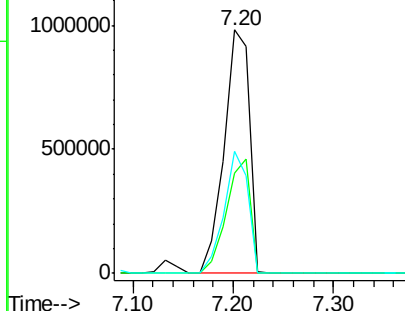
#23  
 Nitrobenzene-d5  
 Concen: 81.54 ng  
 RT: 7.20 min Scan# 465  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 82 Resp: 1705122  
 Ion Ratio Lower Upper  
 82 100  
 128 41.2 34.6 52.0  
 54 50.0 39.5 59.3

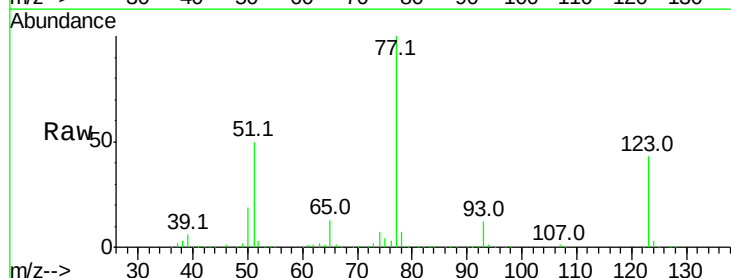


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

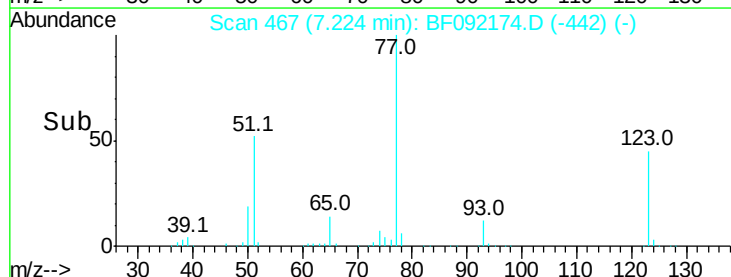
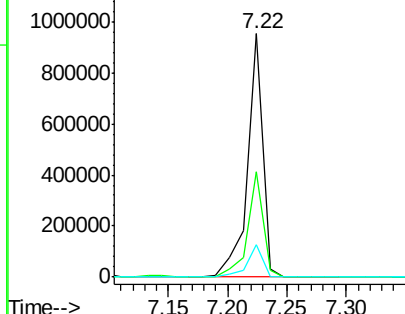


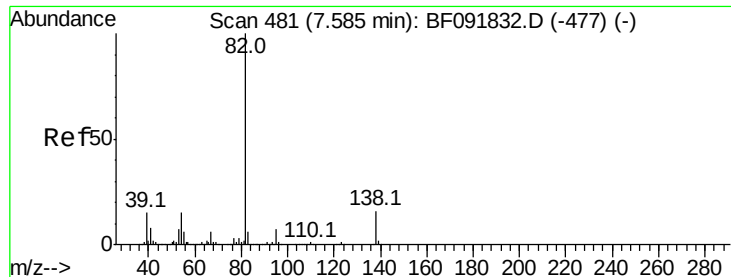
#24  
 Nitrobenzene  
 Concen: 38.54 ng  
 RT: 7.22 min Scan# 467  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Tgt Ion: 77 Resp: 858490  
 Ion Ratio Lower Upper  
 77 100  
 123 43.0 33.0 49.4  
 65 13.4 11.2 16.8



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





#25

Isophorone

Concen: 40.27 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

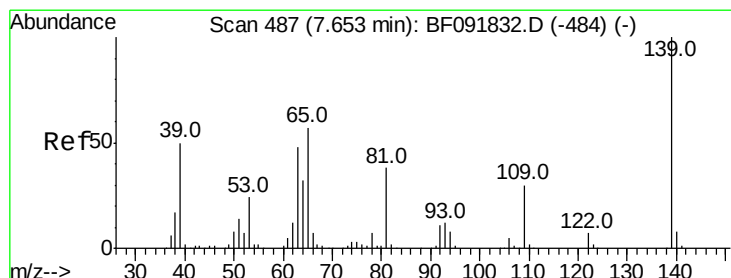
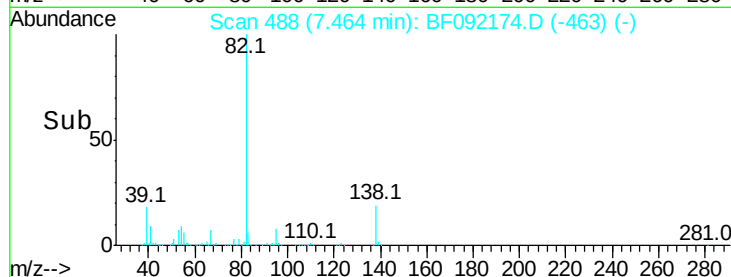
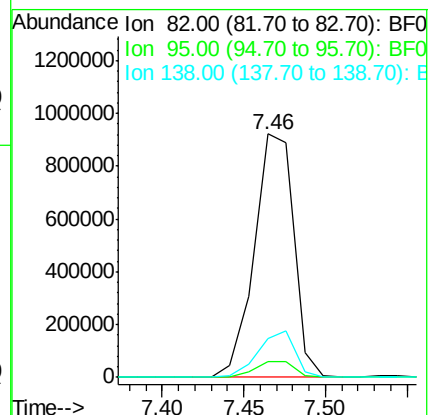
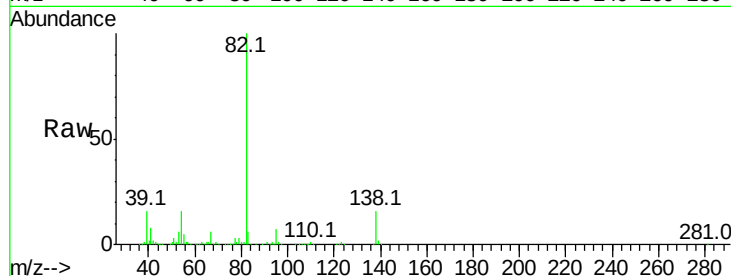
Tot Ion: 82 Resp: 1553746

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 15.9 14.6 22.0



#26

2-Nitrophenol

Concen: 43.72 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

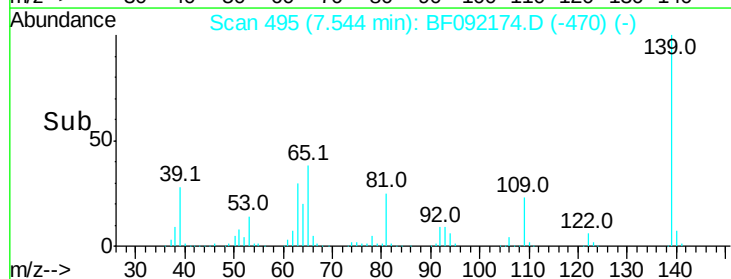
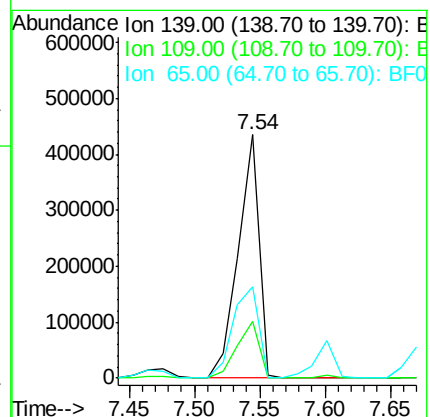
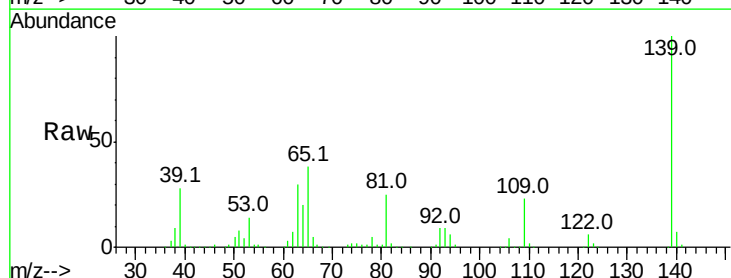
Tgt Ion: 139 Resp: 480247

Ion Ratio Lower Upper

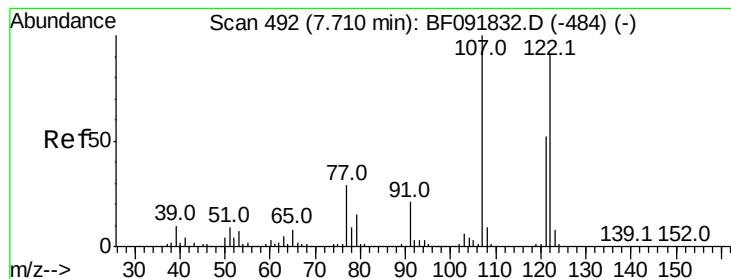
139 100

109 23.3 23.3 34.9#

65 37.6 42.7 64.1#



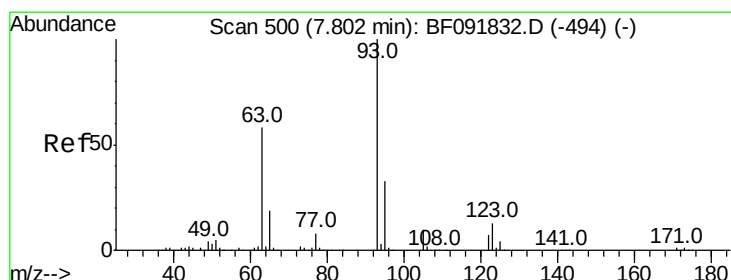
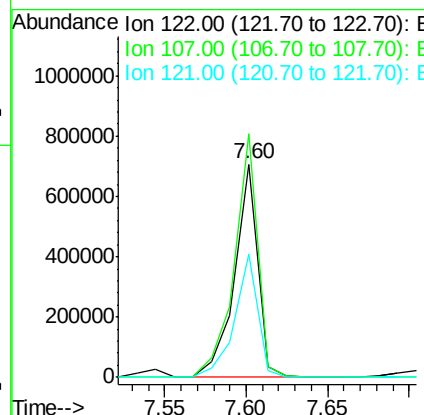
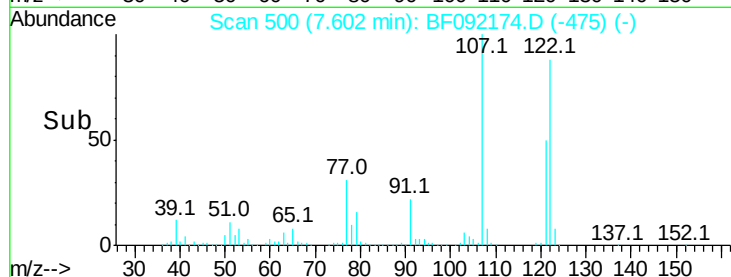
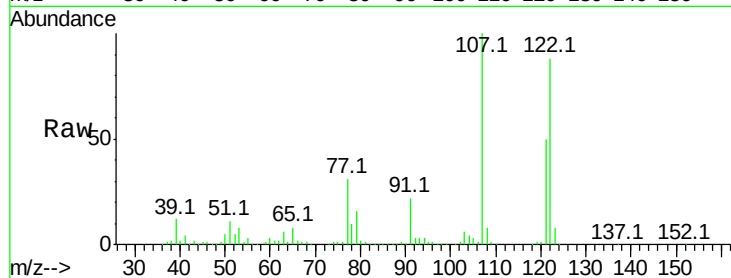




#27  
 2,4-Dimethylphenol  
 Concen: 38.06 ng  
 RT: 7.60 min Scan# 500  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

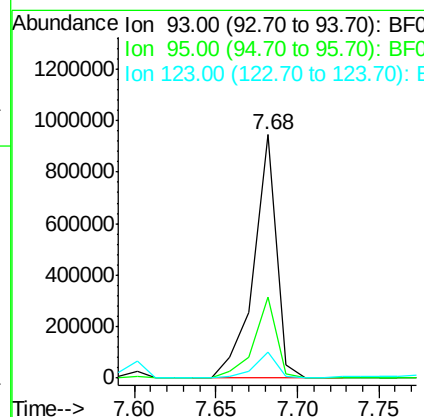
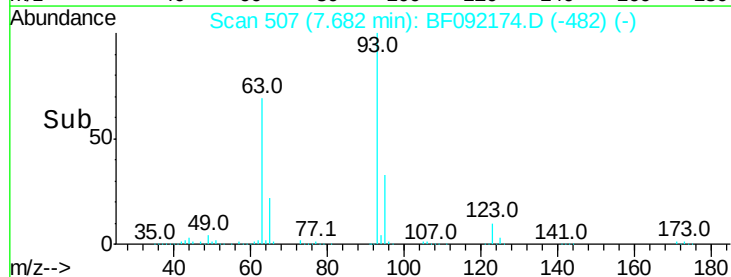
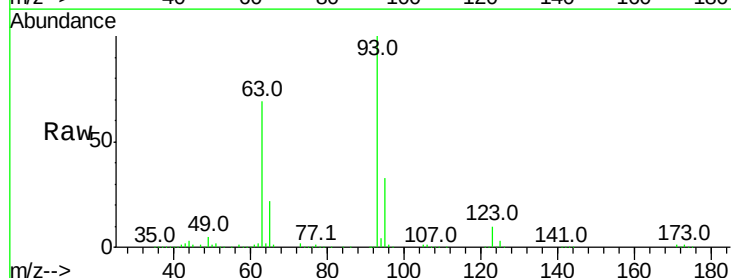
Instrument :  
 BNA\_F  
 ClientSampled :

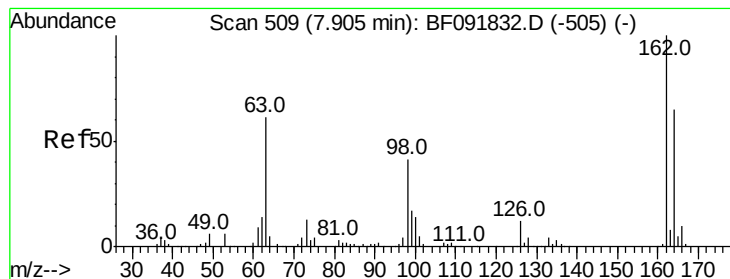
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.2 | 94.1  | 141.1 |
| 121     | 57.6  | 46.0  | 69.0  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.10 ng  
 RT: 7.68 min Scan# 507  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.5  | 39.7  |
| 123     | 10.5  | 8.6   | 13.0  |





#29

2,4-Dichlorophenol

Concen: 40.15 ng

RT: 7.80 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampled :

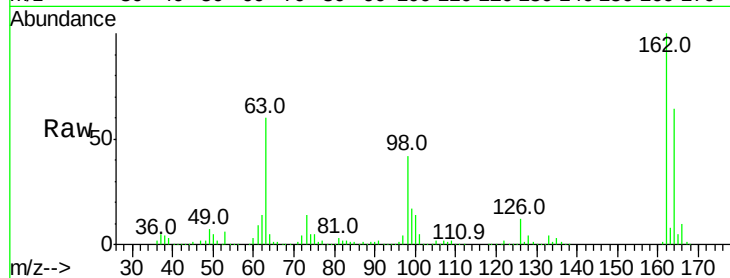
Tot Ion:162 Resp: 619367

Ion Ratio Lower Upper

162 100

164 63.9 46.8 86.8

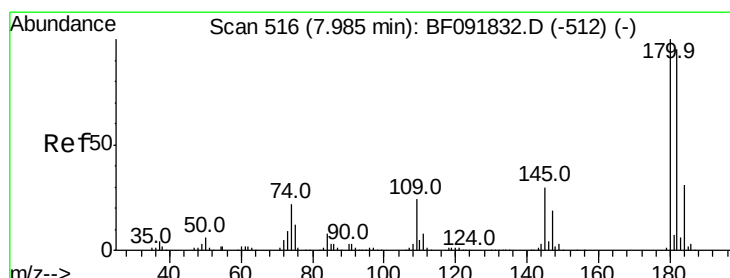
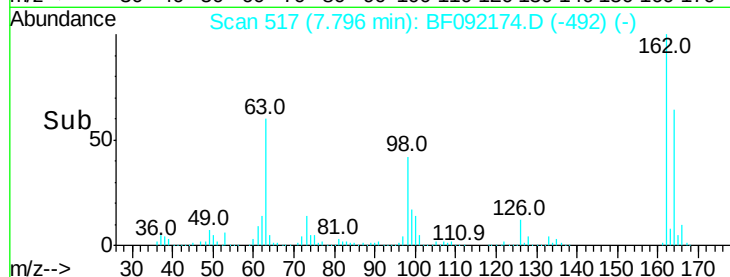
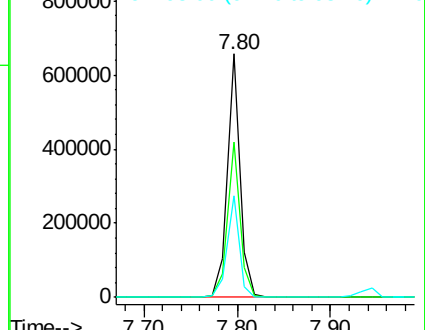
98 41.8 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.22 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

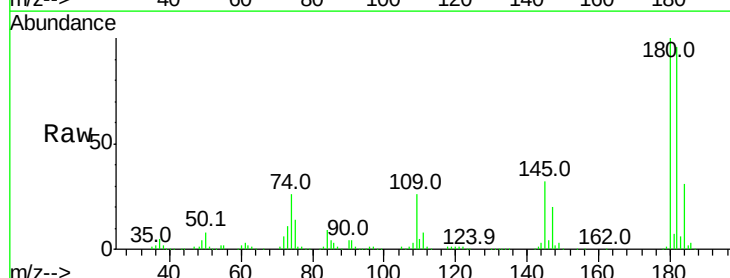
Tgt Ion:180 Resp: 663077

Ion Ratio Lower Upper

180 100

182 95.5 78.2 117.4

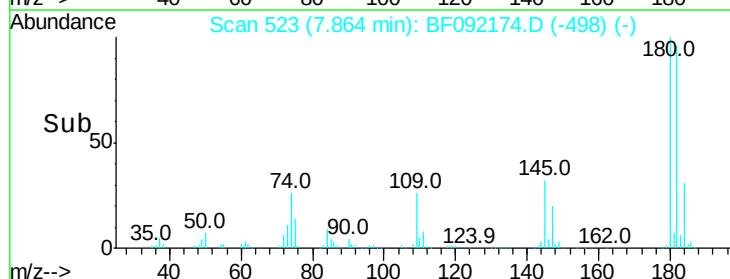
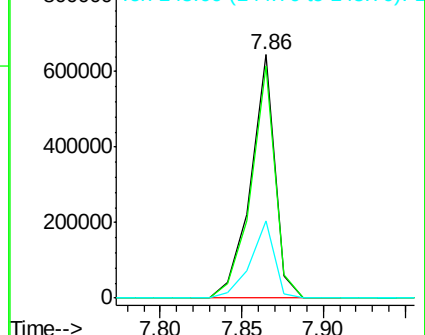
145 31.8 21.6 32.4

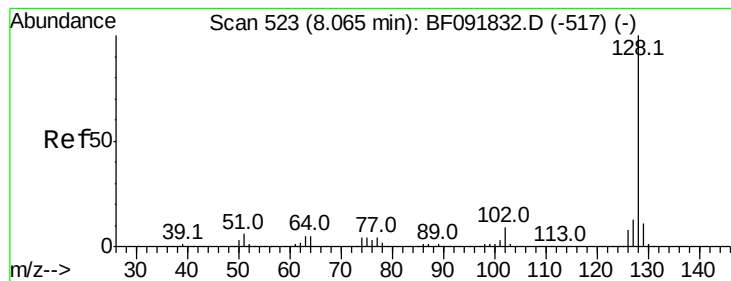


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.81 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

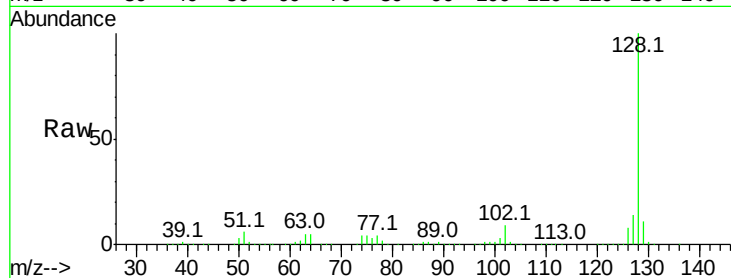
Tot Ion:128 Resp: 2278166

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

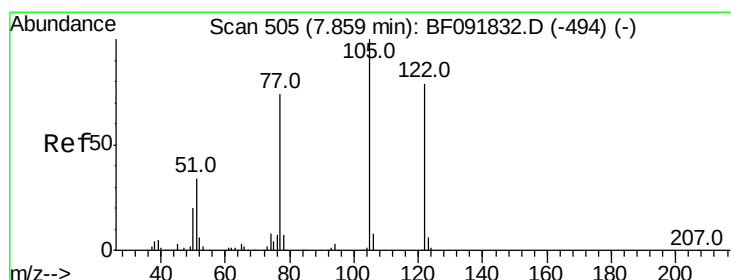
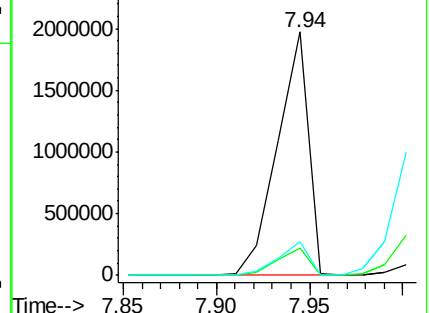
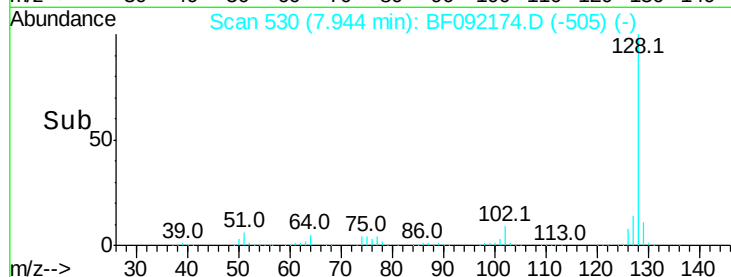
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.70 ng

RT: 7.78 min Scan# 516

Delta R.T. 0.03 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

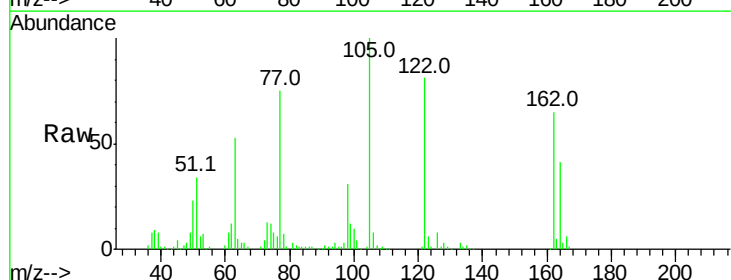
Tgt Ion:122 Resp: 468848

Ion Ratio Lower Upper

122 100

105 124.1 107.2 147.2

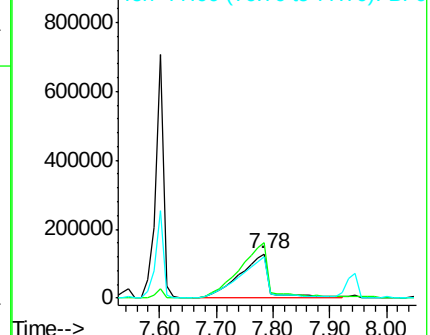
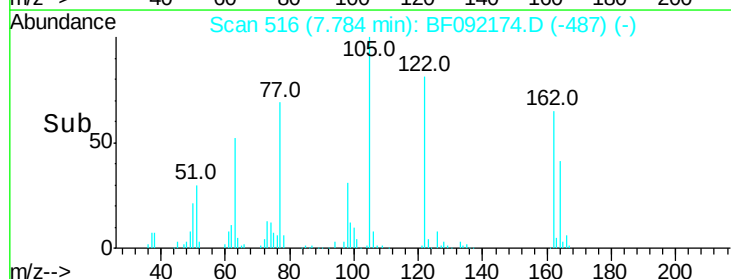
77 92.5 74.5 114.5

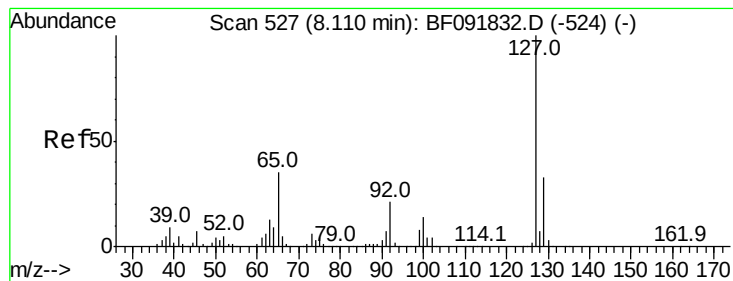


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 40.14 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:127 Resp: 963378

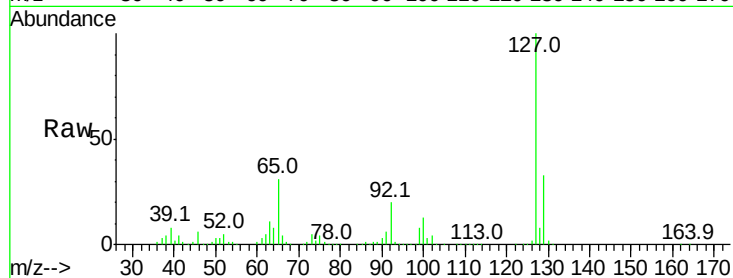
Ion Ratio Lower Upper

127 100

129 32.8 26.3 39.5

65 31.1 25.8 38.8

92 19.8 16.1 24.1

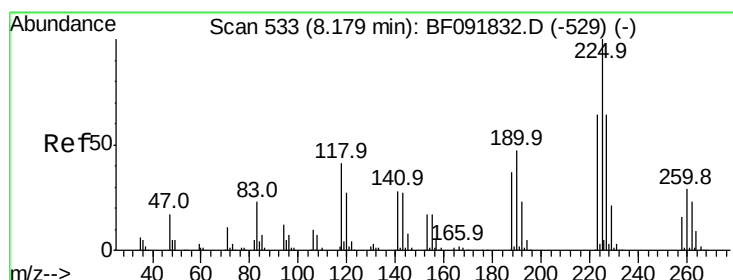
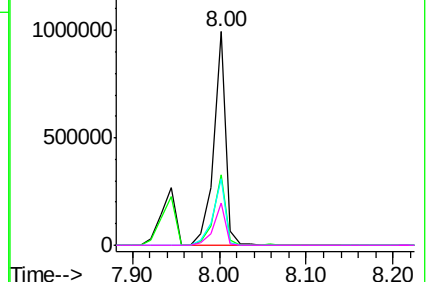
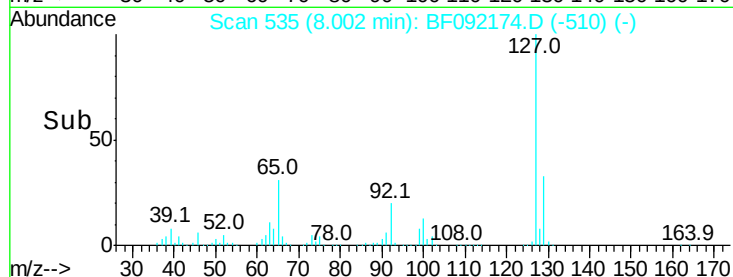


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.36 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

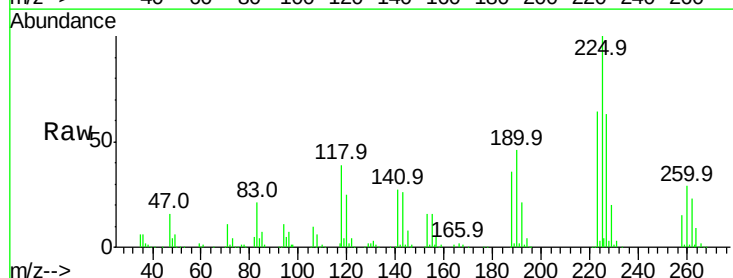
Tgt Ion:225 Resp: 360097

Ion Ratio Lower Upper

225 100

223 63.7 51.0 76.6

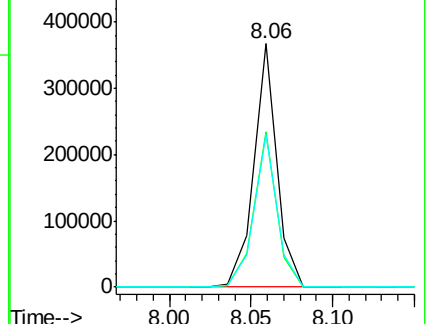
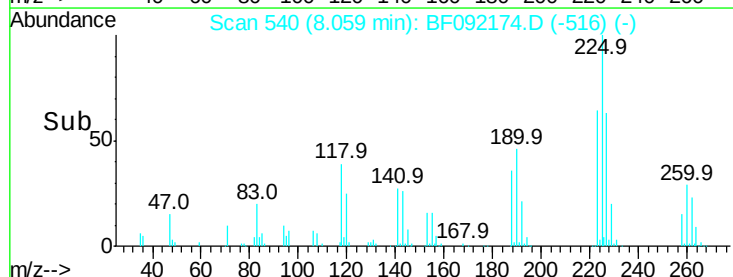
227 63.0 50.6 76.0

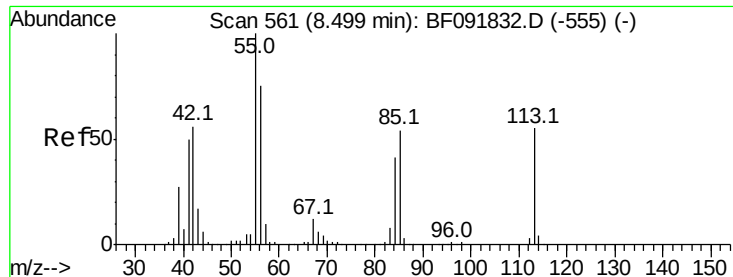


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.11 ng

RT: 8.40 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampled :

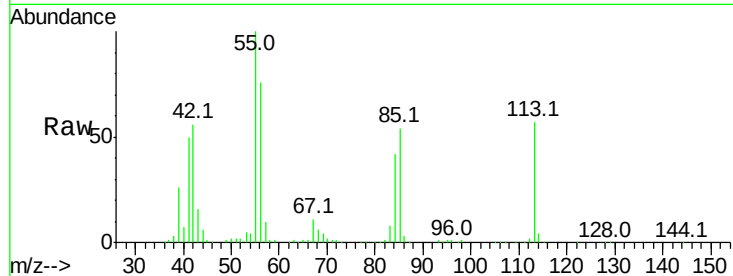
Tot Ion:113 Resp: 203314

Ion Ratio Lower Upper

113 100

55 175.9 119.2 159.2#

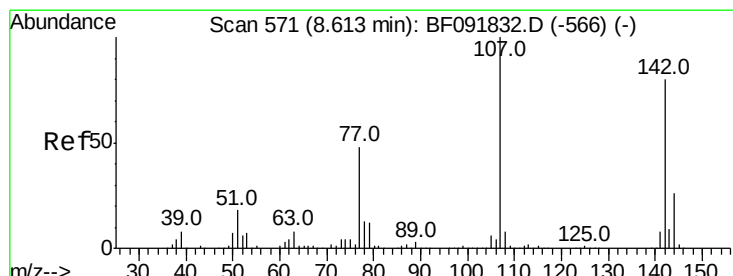
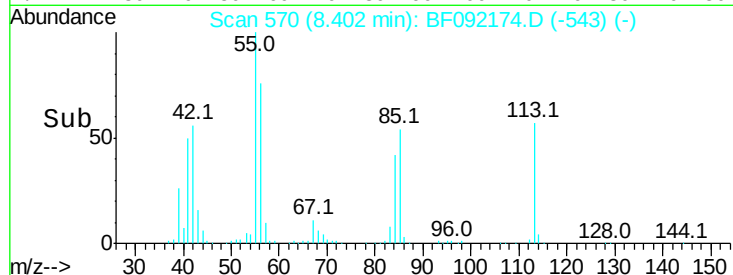
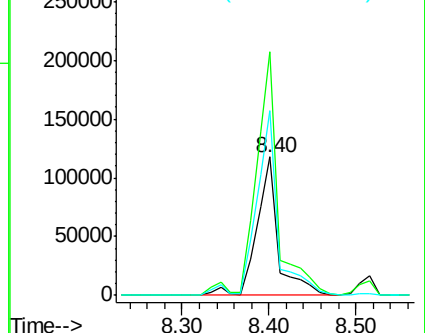
56 133.1 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.89 ng

RT: 8.52 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

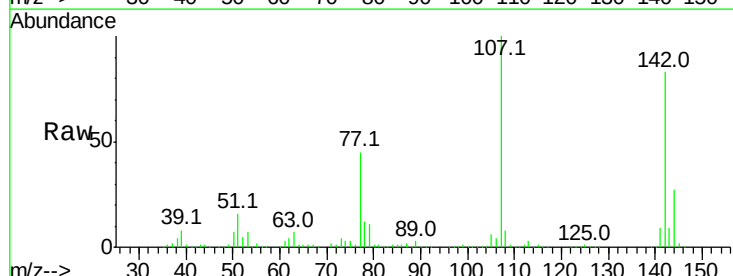
Tgt Ion:107 Resp: 743649

Ion Ratio Lower Upper

107 100

144 27.4 19.3 28.9

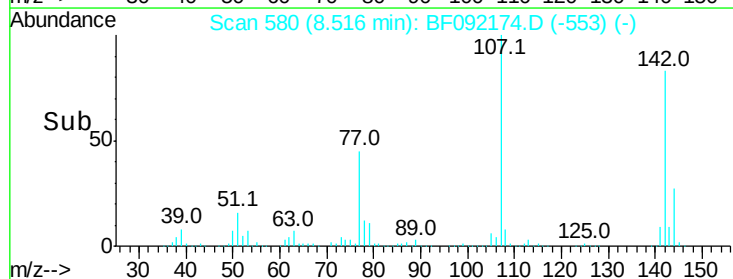
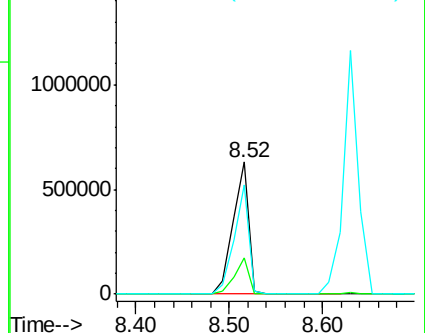
142 82.7 59.0 88.6

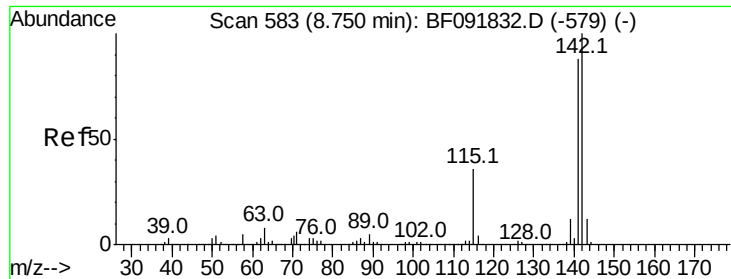


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

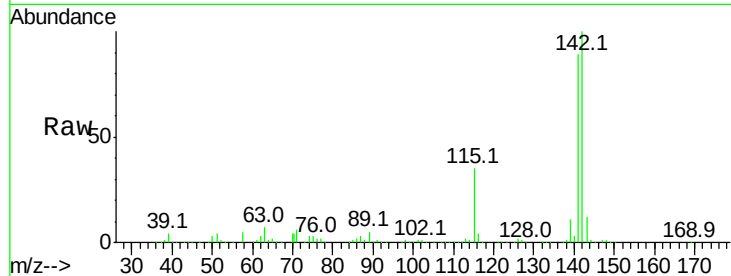




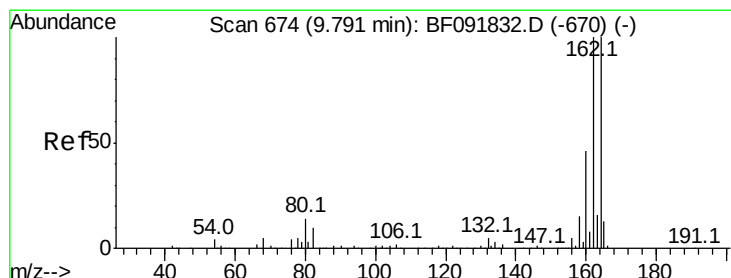
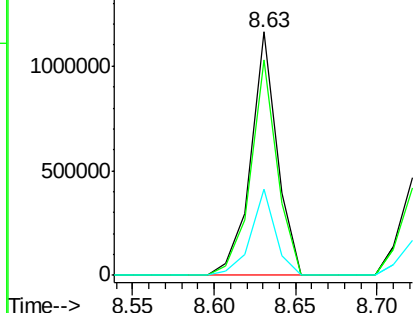
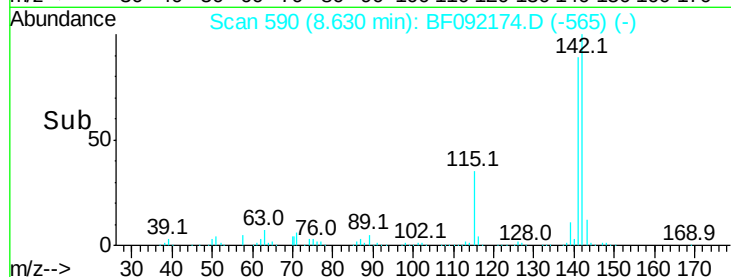
#37  
2-Methylnaphthalene  
Concen: 38.55 ng  
RT: 8.63 min Scan# 590  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:142 Resp: 1308100  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.0 106.6  
115 35.4 28.3 42.5

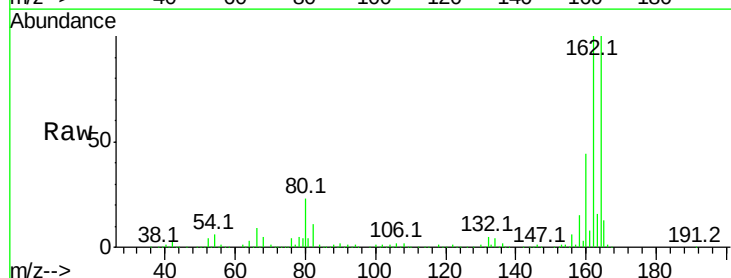


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

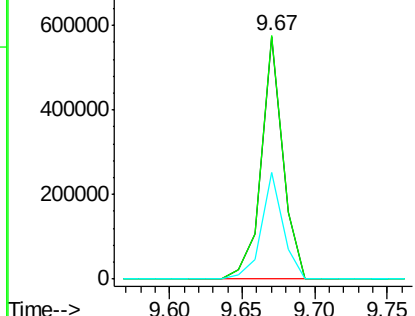
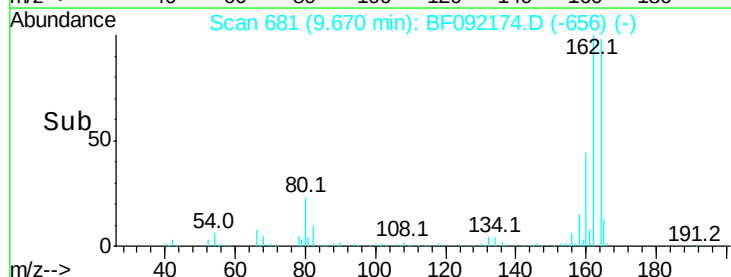


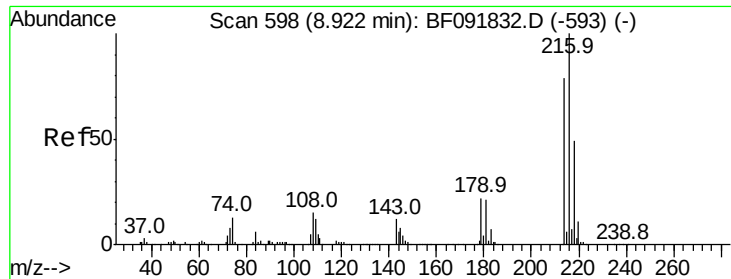
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.67 min Scan# 681  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Tgt Ion:164 Resp: 590896  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.2 120.2  
160 44.1 36.9 55.3



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

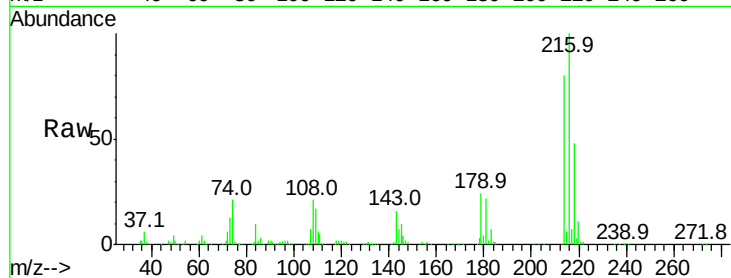




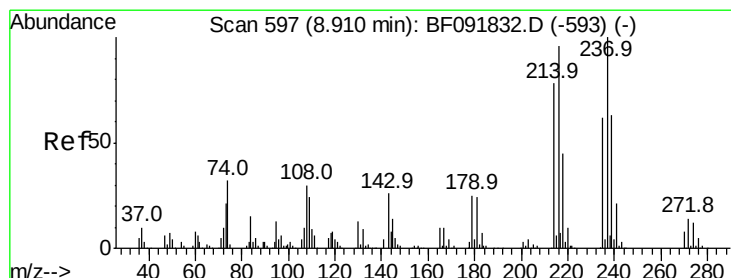
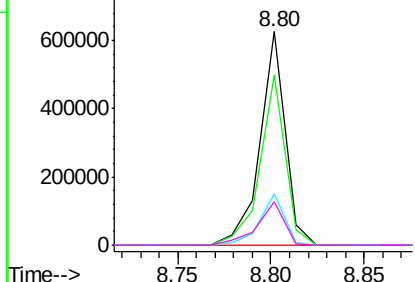
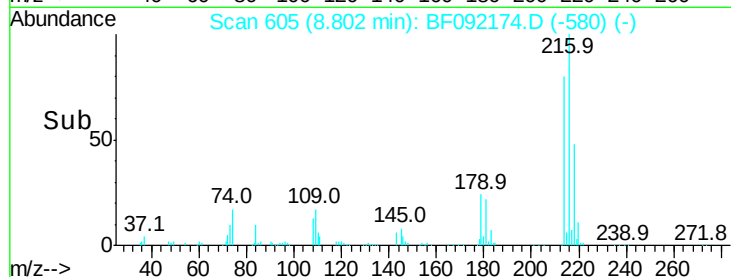
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.86 ng  
 RT: 8.80 min Scan# 605  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Instrument :  
 BNA\_F  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 580202 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.3  | 63.4  | 95.0   |
| 179      | 23.4  | 17.4  | 26.2   |
| 108      | 22.0  | 15.6  | 23.4   |

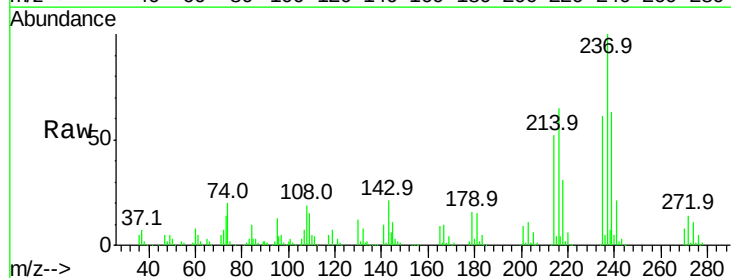


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

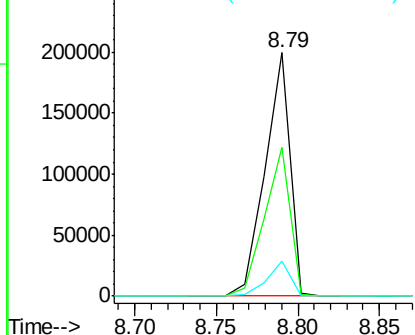
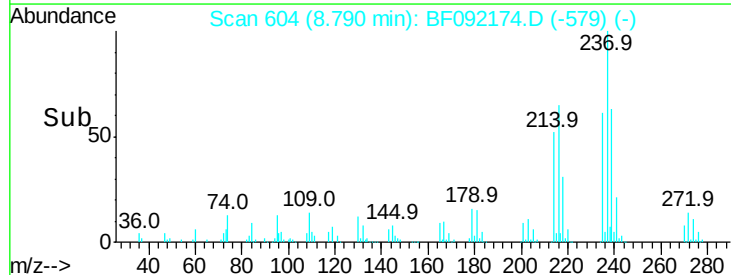


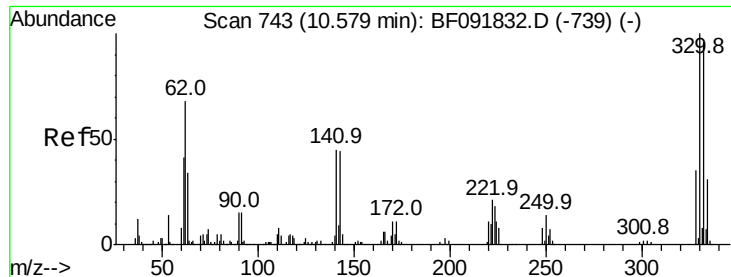
#40  
 Hexachlorocyclopentadiene  
 Concen: 34.27 ng  
 RT: 8.79 min Scan# 604  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 211968 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 61.3  | 41.2  | 81.2   |
| 272      | 14.1  | 0.0   | 35.4   |



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

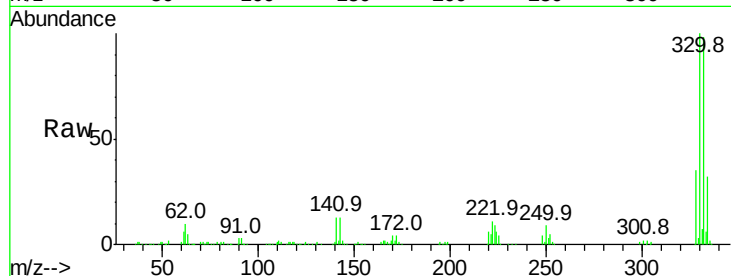




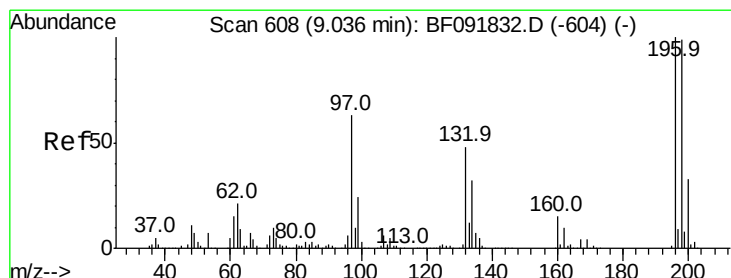
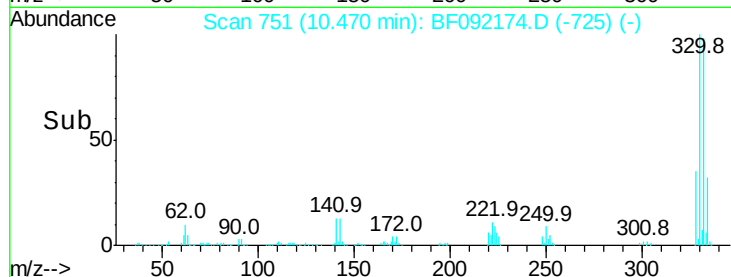
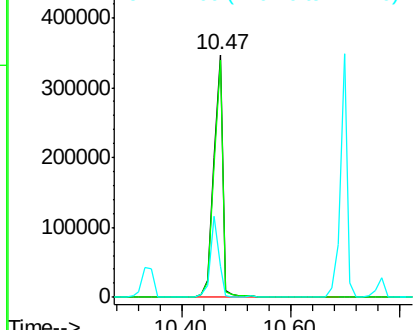
#41  
 2,4,6-Tribromophenol  
 Concen: 85.17 ng  
 RT: 10.47 min Scan# 751  
 Delta R.T. 0.00 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:330 Resp: 416475  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 77.4 116.2  
 141 30.8 34.1 51.1#

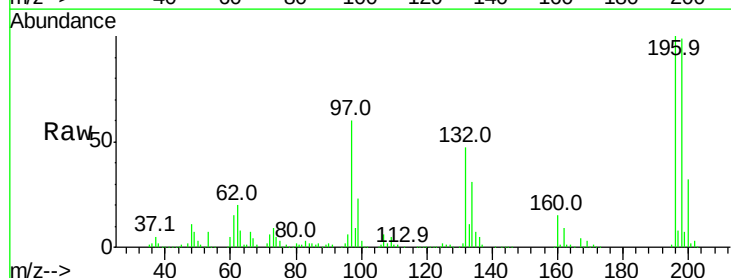


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

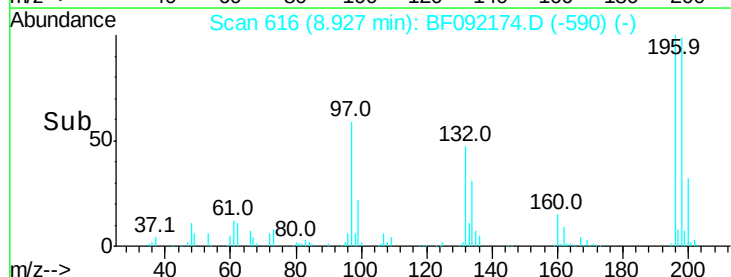
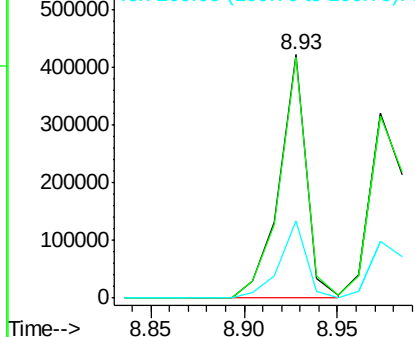


#42  
 2,4,6-Trichlorophenol  
 Concen: 40.91 ng  
 RT: 8.93 min Scan# 616  
 Delta R.T. -0.00 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

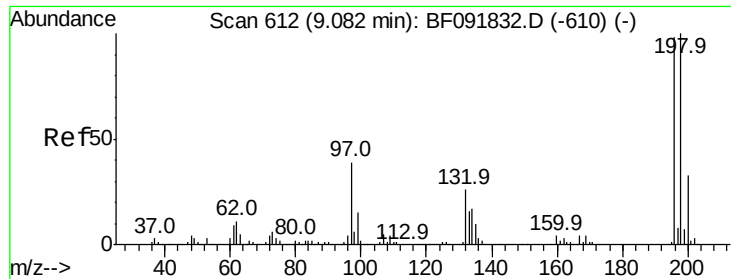
Tgt Ion:196 Resp: 427114  
 Ion Ratio Lower Upper  
 196 100  
 198 99.2 82.1 123.1  
 200 31.9 27.0 40.4



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



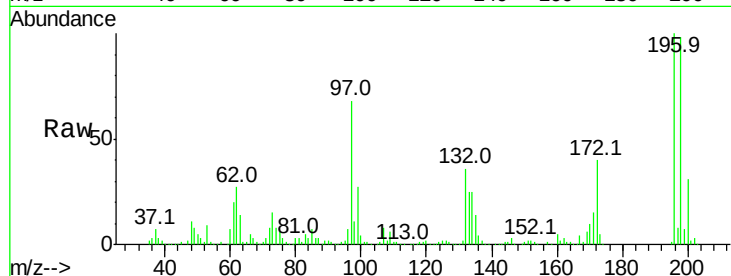




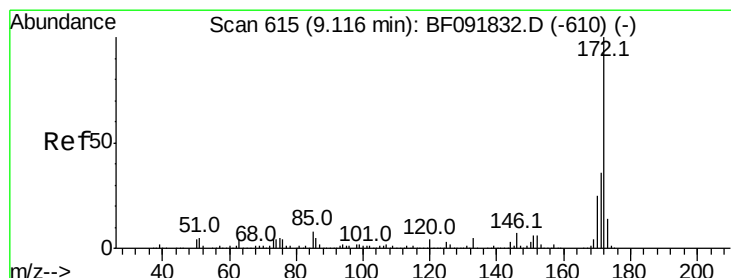
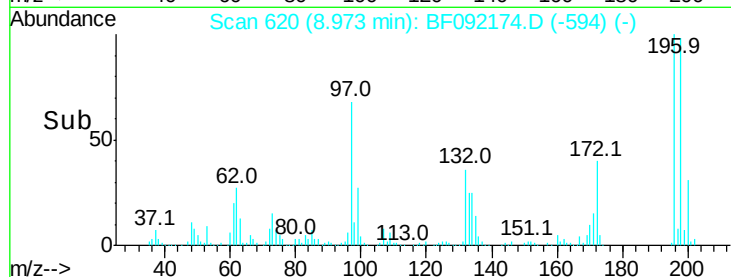
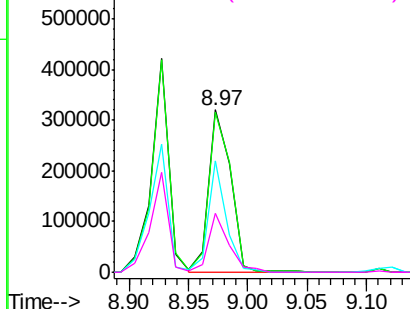
#43  
 2,4,5-Trichlorophenol  
 Concen: 37.90 ng  
 RT: 8.97 min Scan# 620  
 Delta R.T. -0.00 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 407209 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 98.3  | 79.4  | 119.2  |
| 97       | 68.3  | 51.5  | 77.3   |
| 132      | 36.5  | 27.4  | 41.2   |

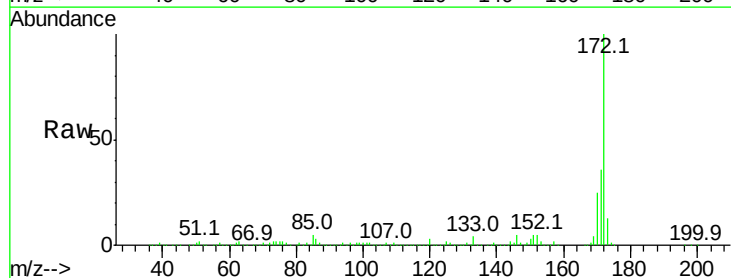


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

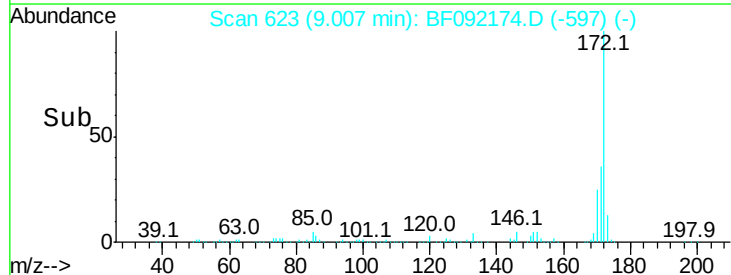
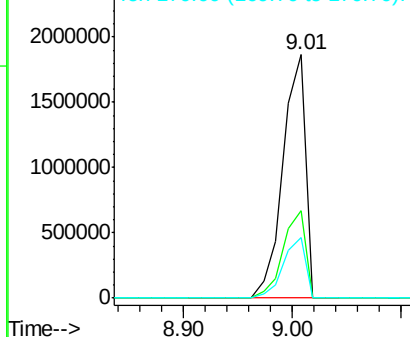


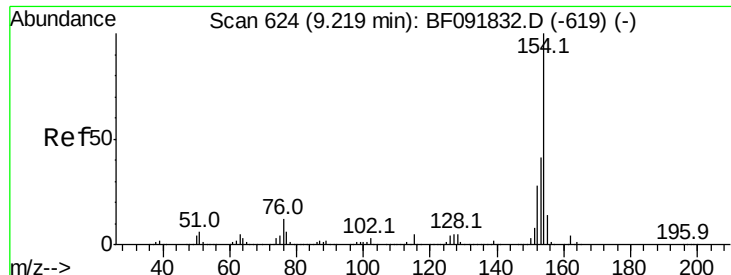
#44  
 2-Fluorobiphenyl  
 Concen: 94.92 ng  
 RT: 9.01 min Scan# 623  
 Delta R.T. -0.00 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 2694003 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 36.0  | 29.4  | 44.0    |
| 170      | 24.8  | 20.2  | 30.4    |



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

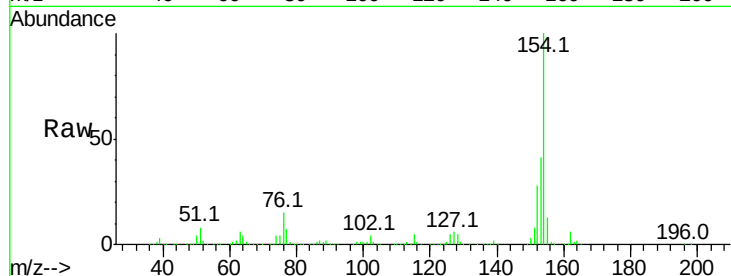




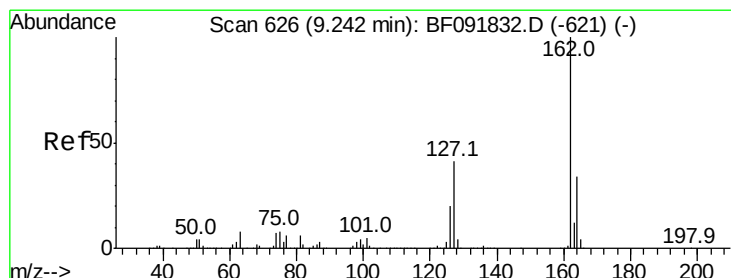
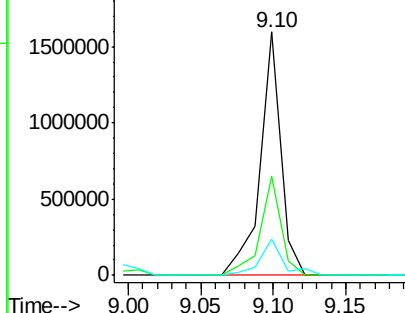
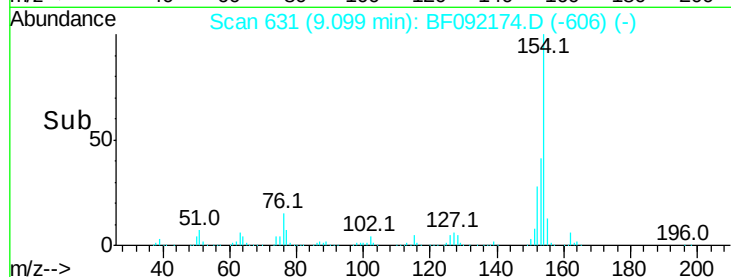
#45  
 1,1'-Biphenyl  
 Concen: 39.03 ng  
 RT: 9.10 min Scan# 631  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:154 Resp: 1579314  
 Ion Ratio Lower Upper  
 154 100  
 153 40.7 20.9 60.9  
 76 15.0 0.0 30.5

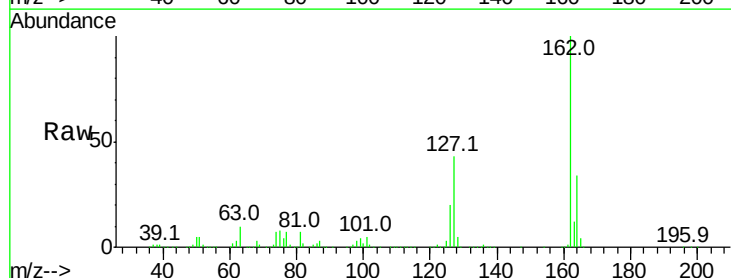


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BFO

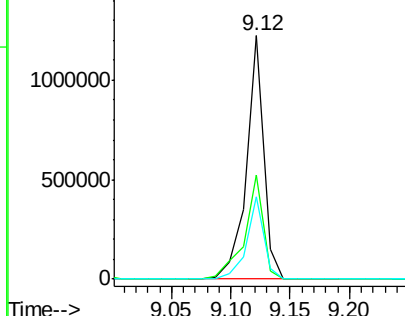
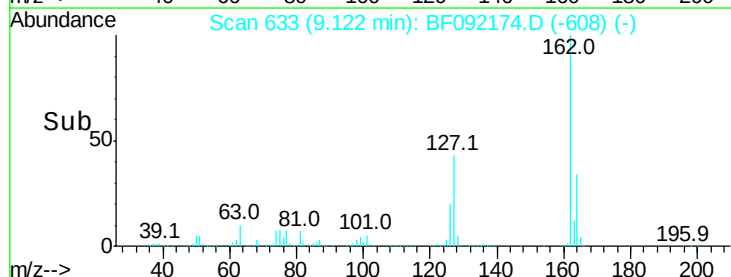


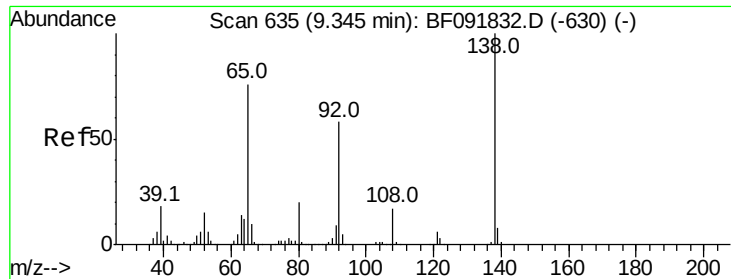
#46  
 2-Chloronaphthalene  
 Concen: 38.90 ng  
 RT: 9.12 min Scan# 633  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Tgt Ion:162 Resp: 1246462  
 Ion Ratio Lower Upper  
 162 100  
 127 42.7 30.7 46.1  
 164 33.8 27.6 41.4



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

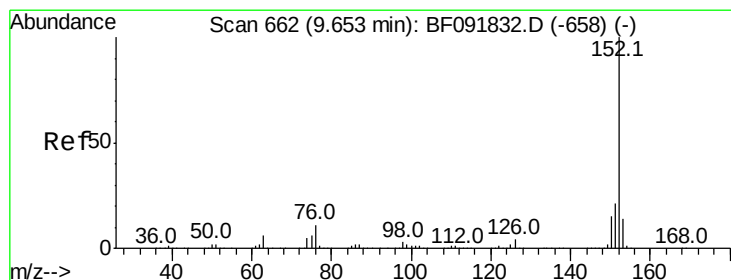
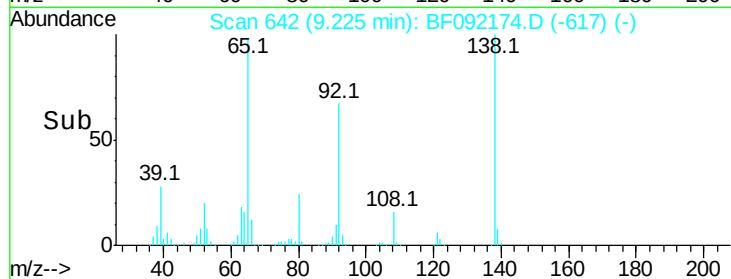
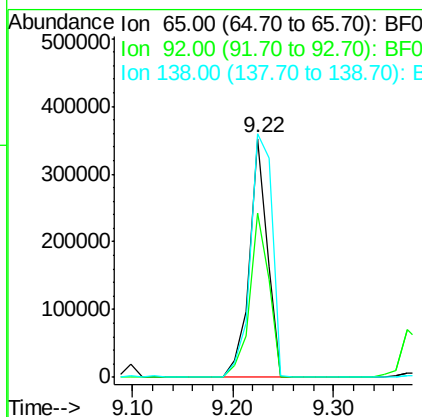
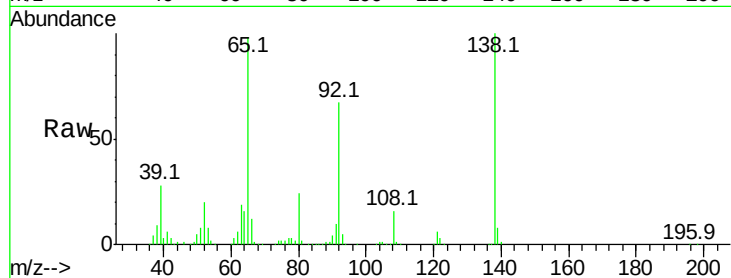




#47  
2-Nitroaniline  
Concen: 38.68 ng  
RT: 9.22 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

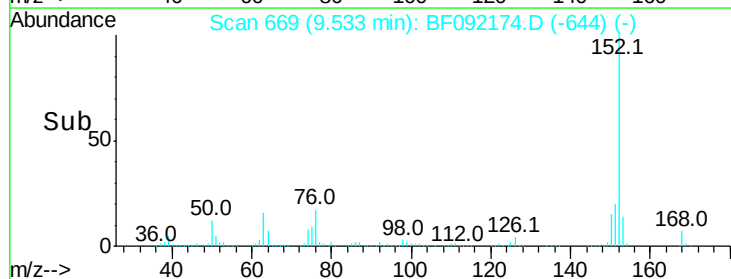
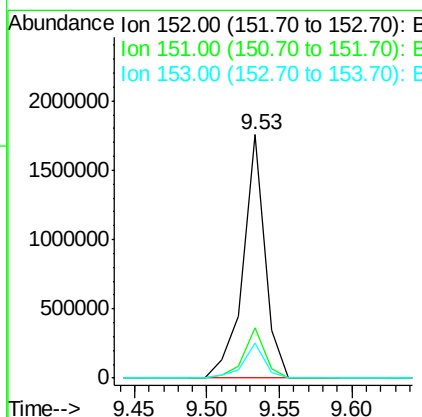
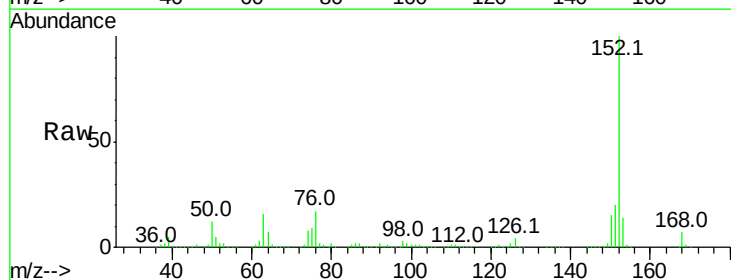
Instrument :  
BNA\_F  
ClientSampled :

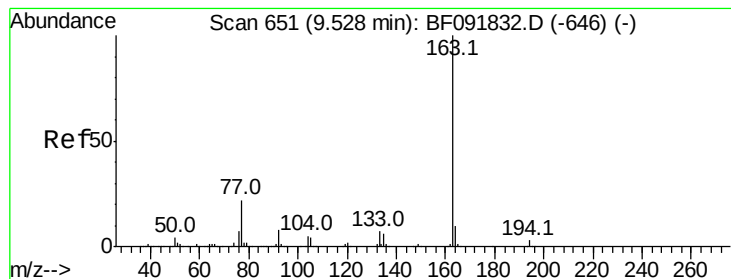
Tot Ion: 65 Resp: 441225  
Ion Ratio Lower Upper  
65 100  
92 68.7 53.9 80.9  
138 101.9 76.8 115.2



#48  
Acenaphthylene  
Concen: 37.57 ng  
RT: 9.53 min Scan# 669  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Tgt Ion: 152 Resp: 1851306  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.9 25.3  
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 43.32 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampled :

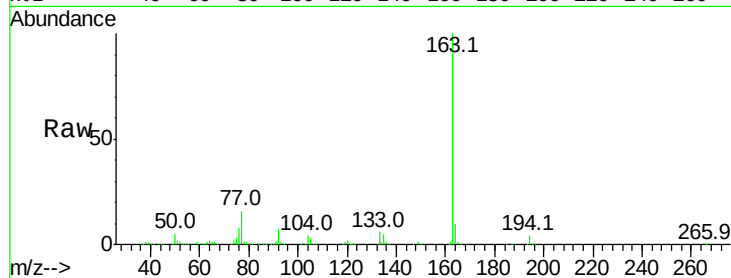
Tot Ion:163 Resp: 1637080

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

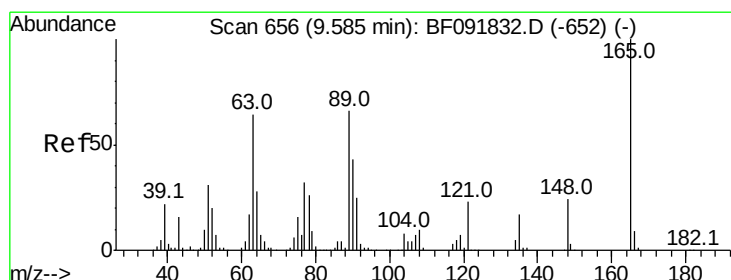
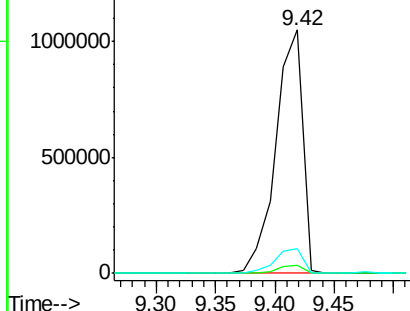
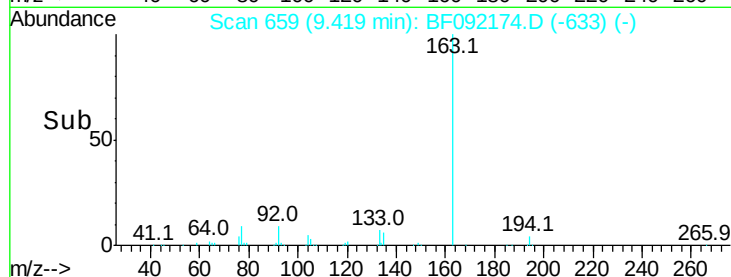
164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.41 ng

RT: 9.48 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

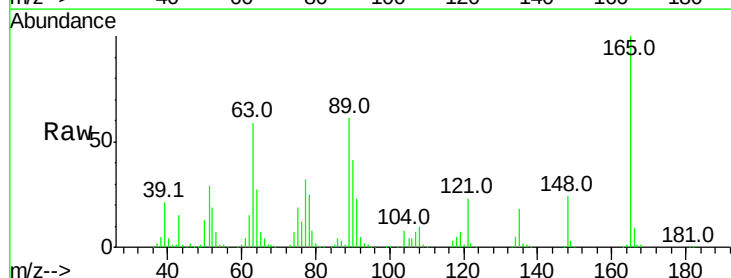
Tgt Ion:165 Resp: 342560

Ion Ratio Lower Upper

165 100

63 58.6 36.2 54.4#

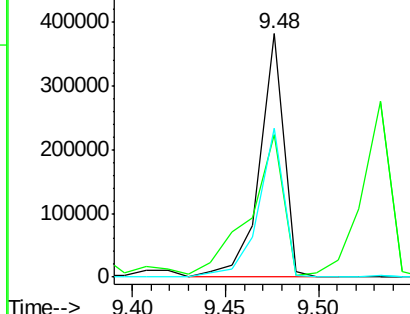
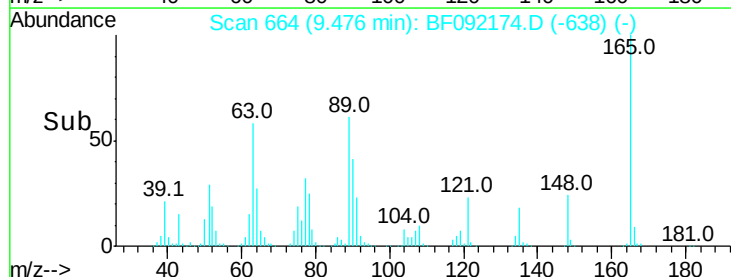
89 61.3 40.2 60.4#

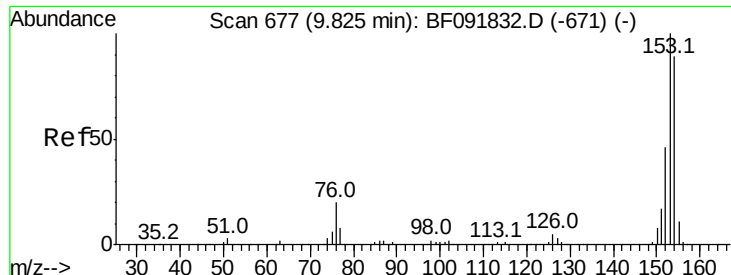


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

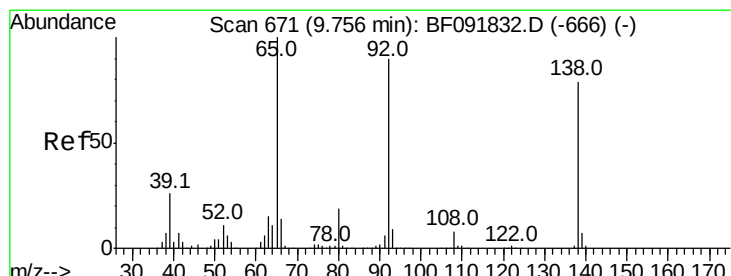
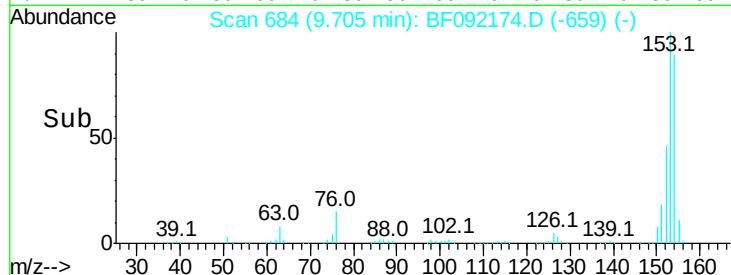
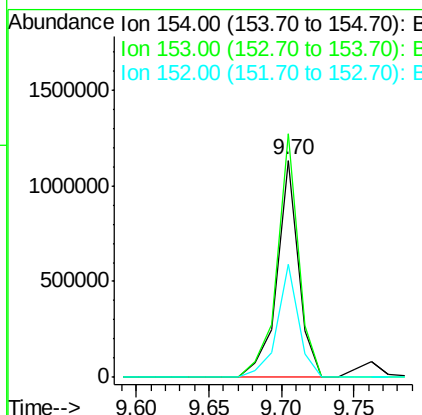
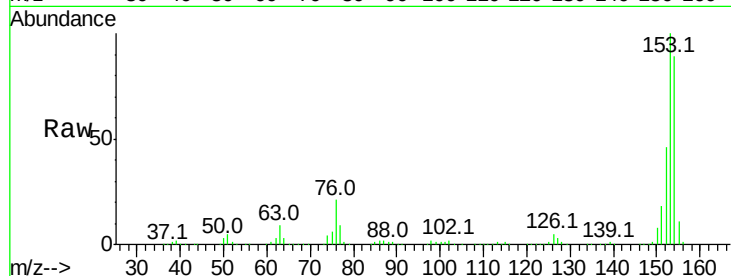




#51  
Acenaphthene  
Concen: 34.99 ng  
RT: 9.70 min Scan# 684  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

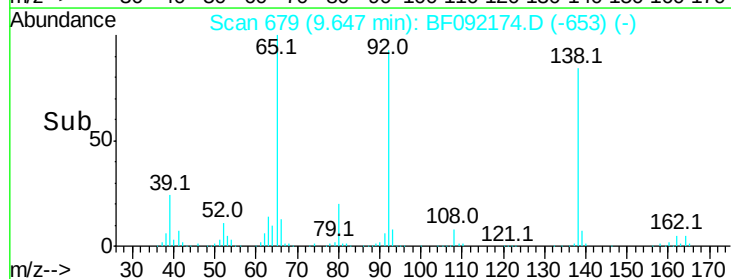
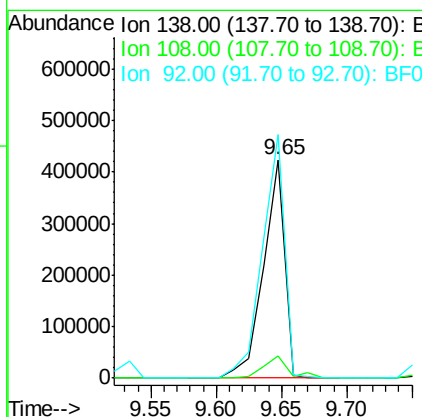
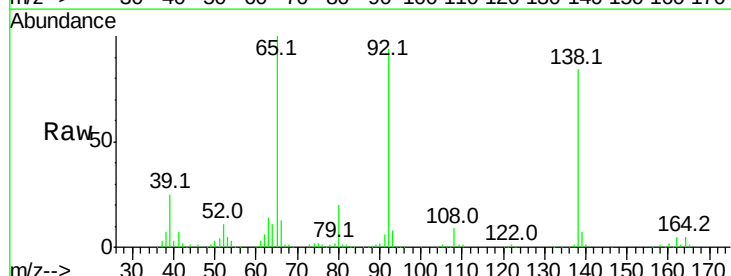
Instrument :  
BNA\_F  
ClientSampleId :

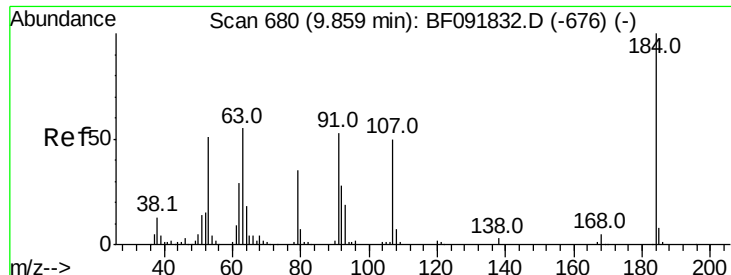
Tot Ion:154 Resp: 1168798  
Ion Ratio Lower Upper  
154 100  
153 112.0 88.6 133.0  
152 51.8 41.6 62.4



#52  
3-Nitroaniline  
Concen: 47.13 ng  
RT: 9.65 min Scan# 679  
Delta R.T. -0.00 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Tgt Ion:138 Resp: 482475  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.5 12.7  
92 111.5 97.8 146.8

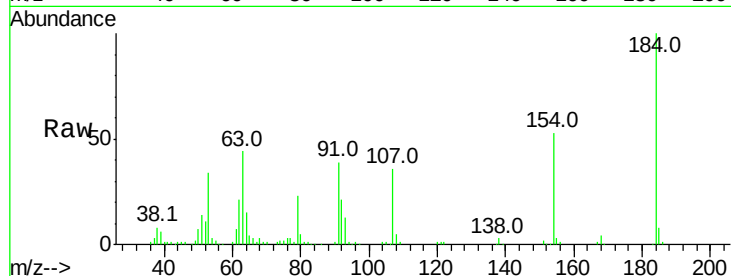




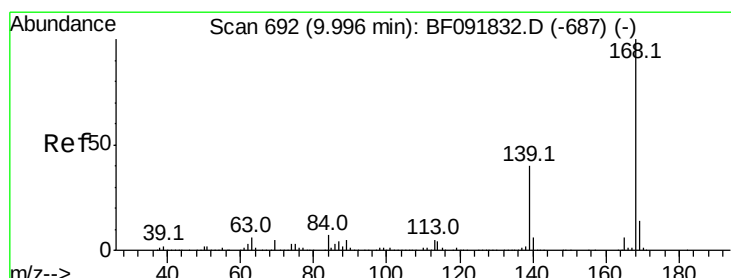
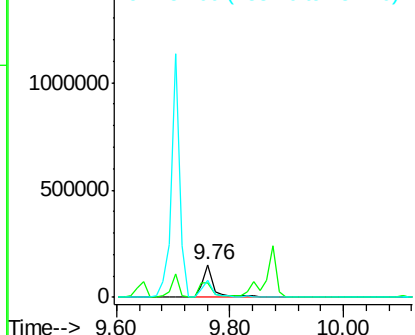
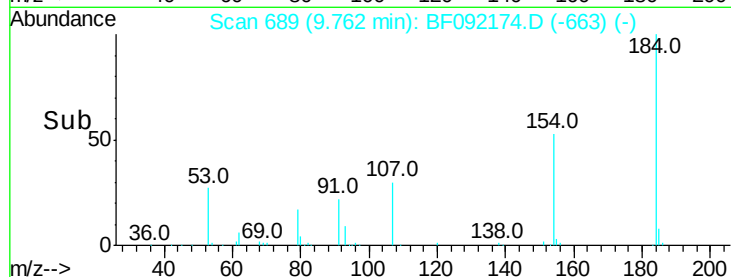
#53  
2,4-Dinitrophenol  
Concen: 46.05 ng  
RT: 9.76 min Scan# 689  
Delta R.T. -0.00 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:184 Resp: 211945  
Ion Ratio Lower Upper  
184 100  
63 44.3 28.4 42.6#  
154 53.3 44.3 66.5

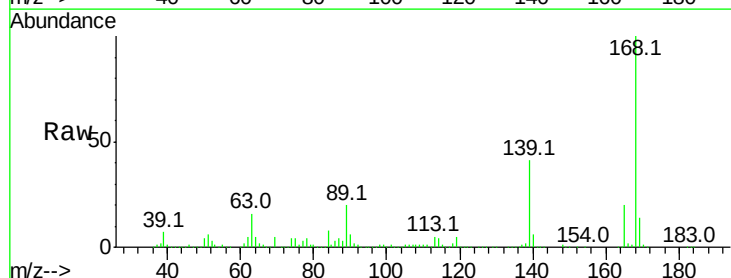


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

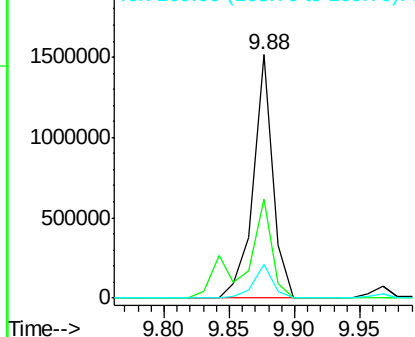
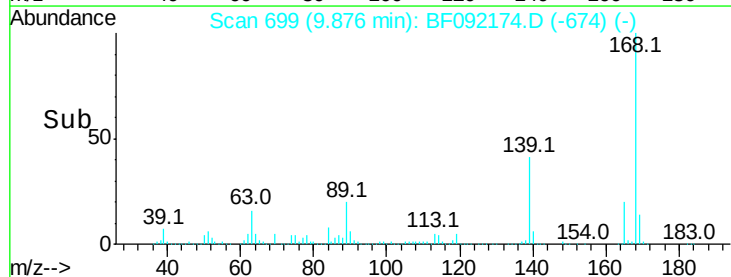


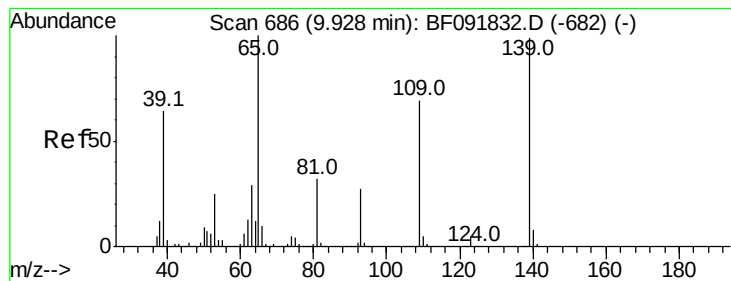
#54  
Dibenzofuran  
Concen: 35.15 ng  
RT: 9.88 min Scan# 699  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Tgt Ion:168 Resp: 1585692  
Ion Ratio Lower Upper  
168 100  
139 40.6 32.6 49.0  
169 14.0 11.3 16.9



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





#55

4-Nitrophenol

Concen: 129.21 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.05 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampled :

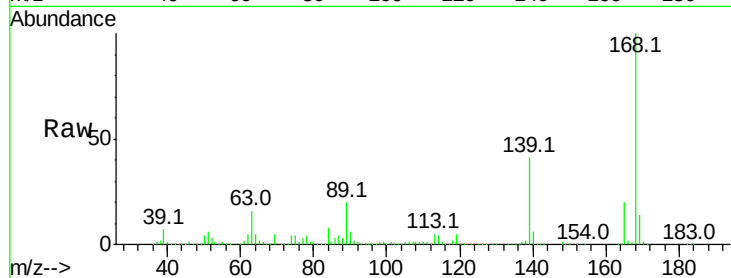
Tot Ion:139 Resp: 898131

Ion Ratio Lower Upper

139 100

109 1.5 52.2 92.2#

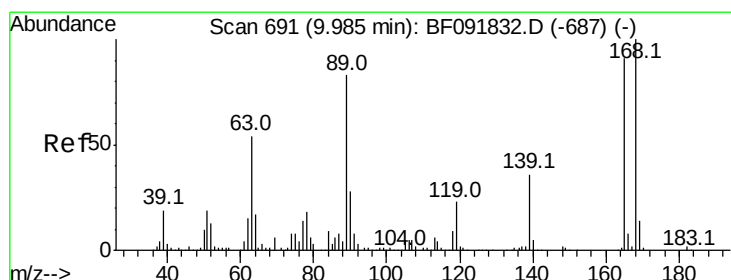
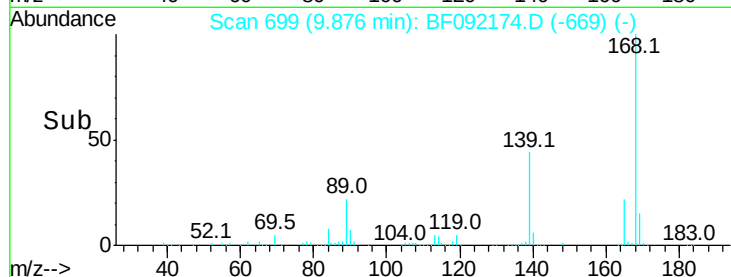
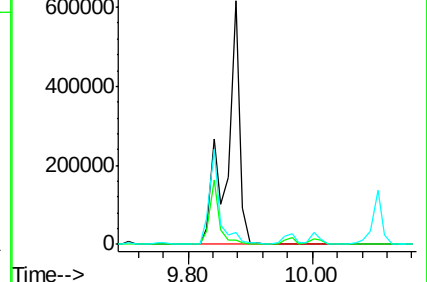
65 4.9 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.47 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Tgt Ion:165 Resp: 378628

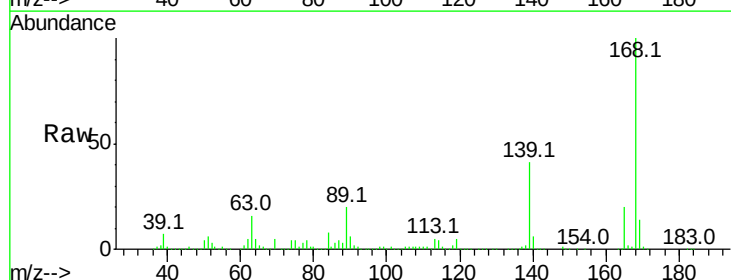
Ion Ratio Lower Upper

165 100

63 79.7 40.2 60.4#

89 101.1 62.5 93.7#

182 2.1 1.8 2.8

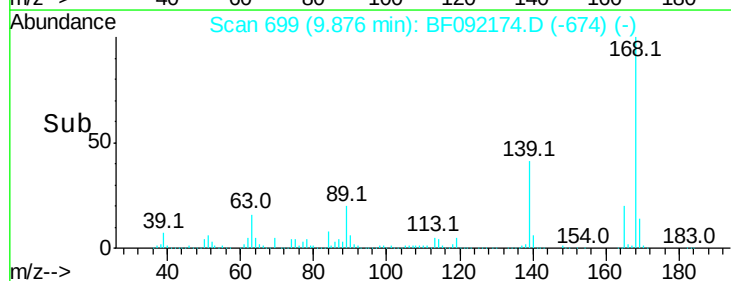
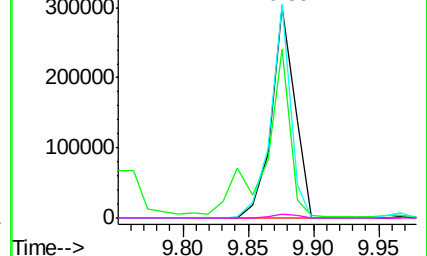


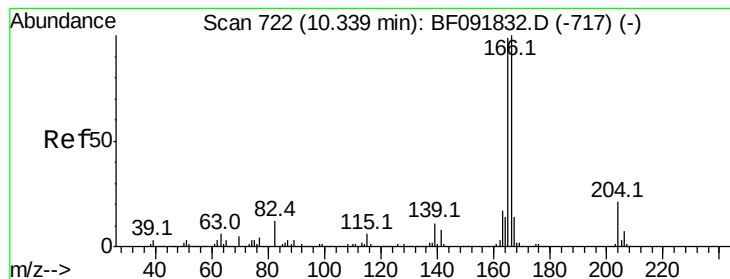
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.32 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

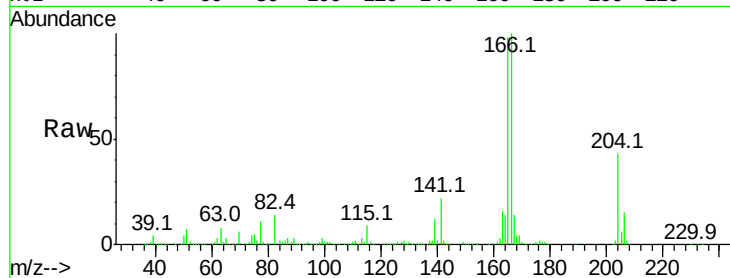
Tot Ion:166 Resp: 1225093

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

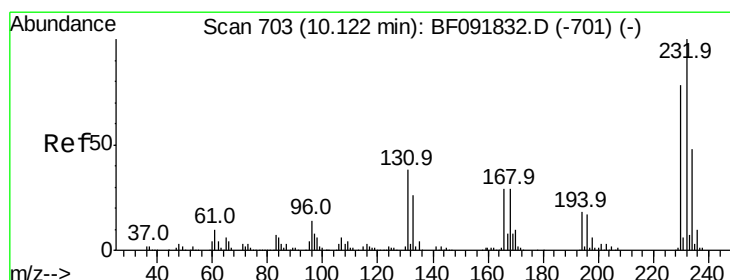
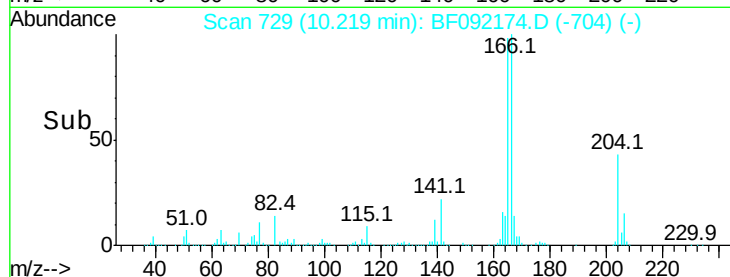
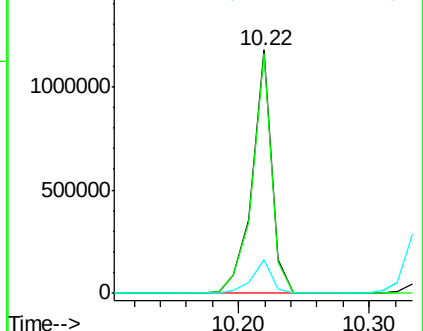
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.07 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Tgt Ion:232 Resp: 340514

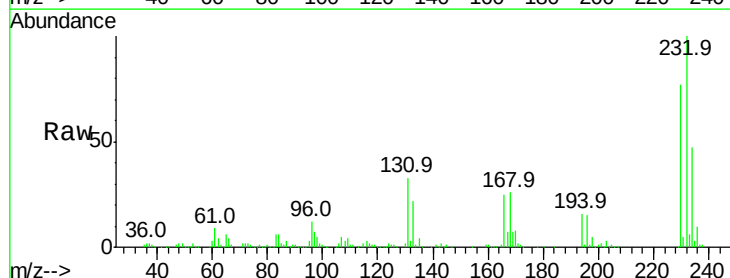
Ion Ratio Lower Upper

232 100

131 47.1 40.1 60.1

130 2.2 1.8 2.8

166 30.2 26.6 39.8

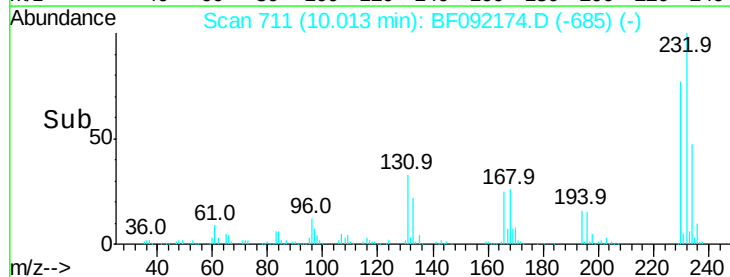
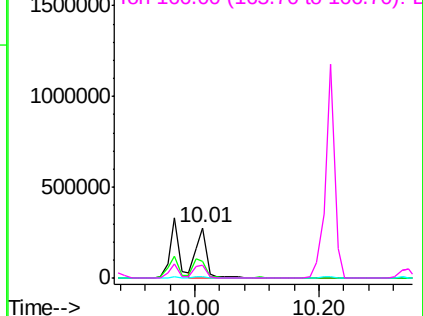


Abundance Ion 232.00 (231.70 to 232.70): E

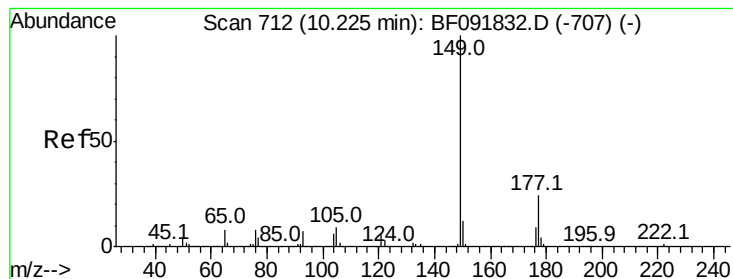
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 39.21 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

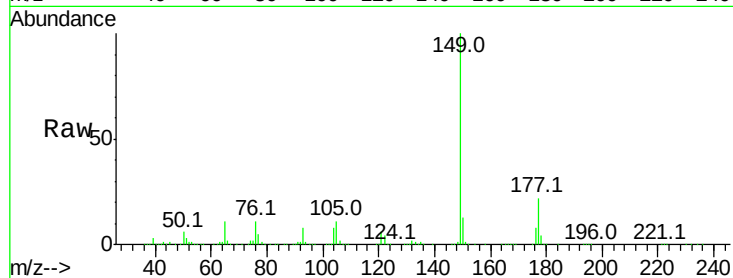
Tot Ion:149 Resp: 1438985

Ion Ratio Lower Upper

149 100

177 21.5 16.6 25.0

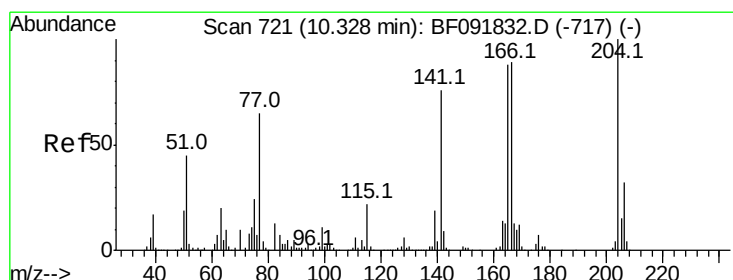
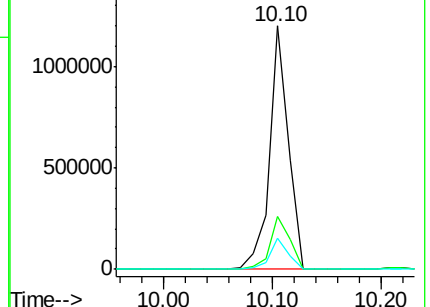
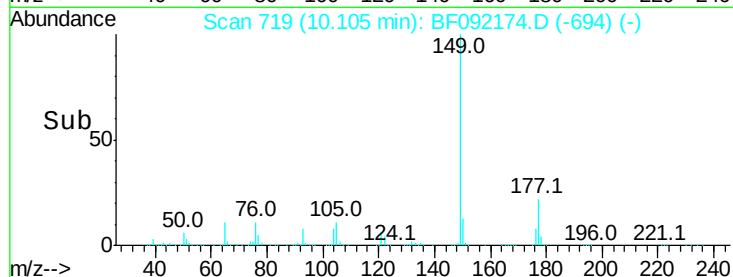
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.16 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

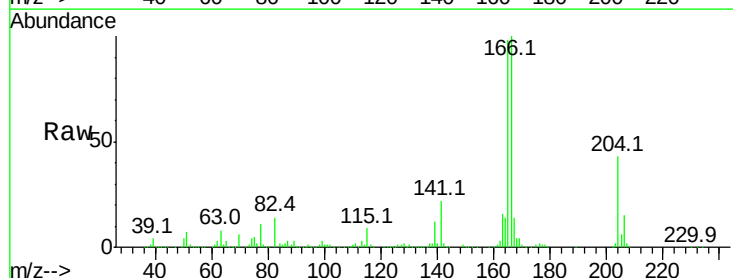
Tgt Ion:204 Resp: 605984

Ion Ratio Lower Upper

204 100

206 33.6 25.8 38.6

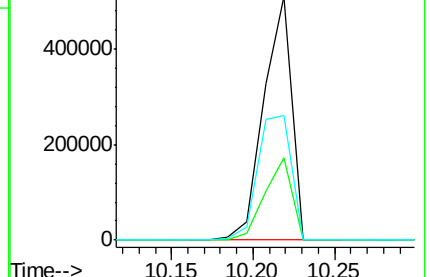
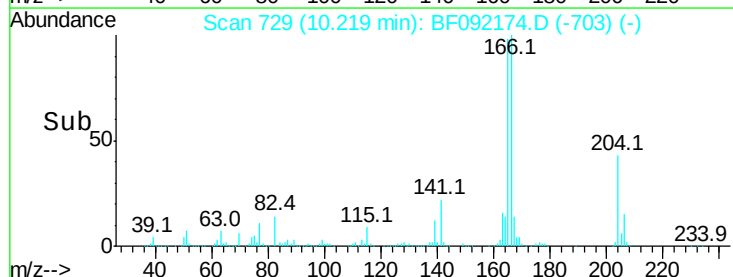
141 50.9 59.4 89.0#

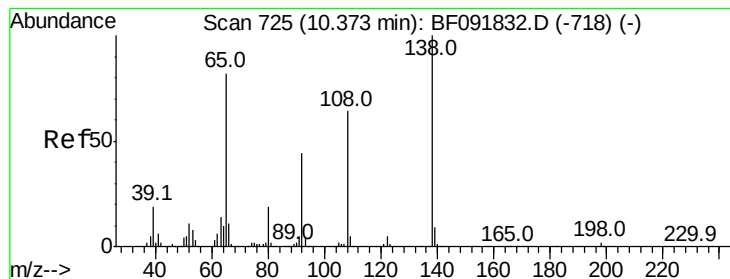


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

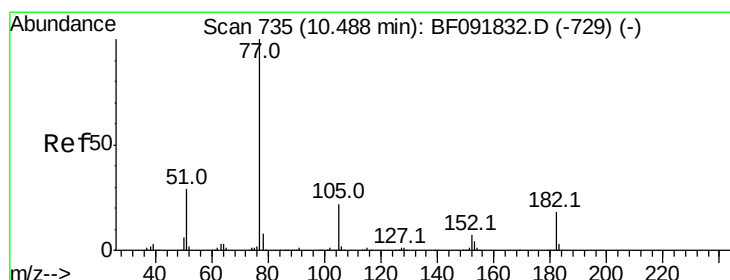
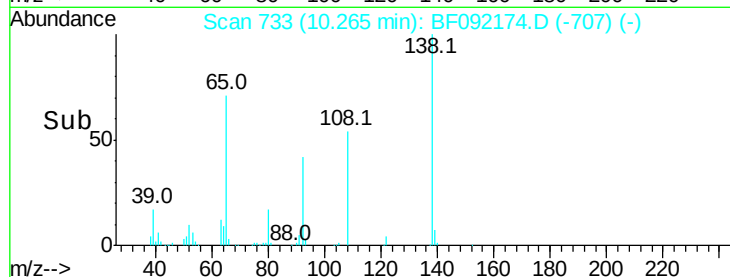
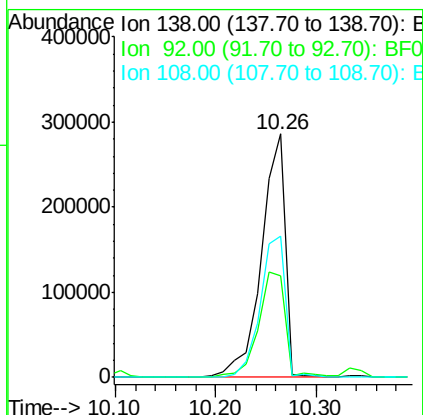
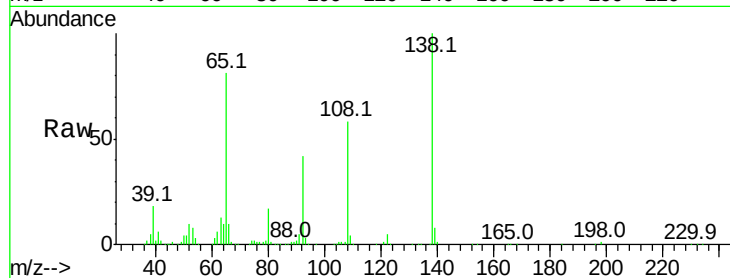




#61  
4-Nitroaniline  
Concen: 44.32 ng  
RT: 10.26 min Scan# 733  
Delta R.T. -0.00 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

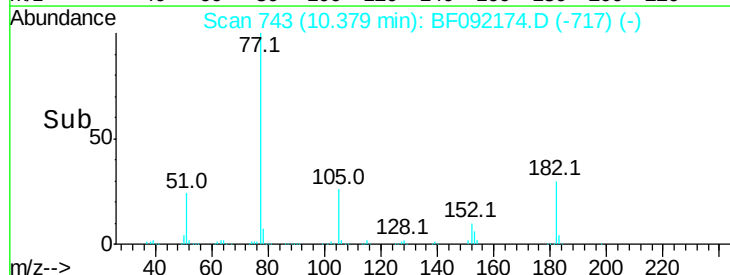
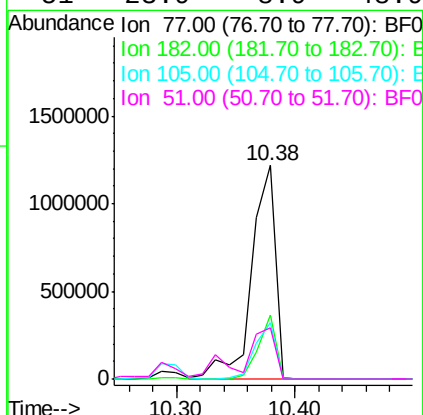
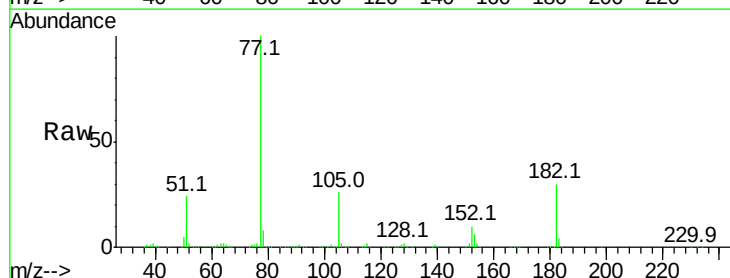
Instrument :  
BNA\_F  
ClientSampleId :

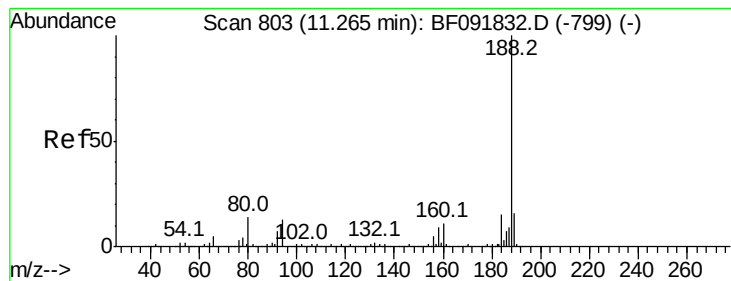
Tot Ion:138 Resp: 470173  
Ion Ratio Lower Upper  
138 100  
92 41.9 31.7 71.7  
108 57.9 52.6 92.6



#62  
Azobenzene  
Concen: 42.31 ng  
RT: 10.38 min Scan# 743  
Delta R.T. -0.00 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Tgt Ion: 77 Resp: 1709913  
Ion Ratio Lower Upper  
77 100  
182 29.8 0.0 39.3  
105 26.4 2.3 42.3  
51 23.9 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampled :

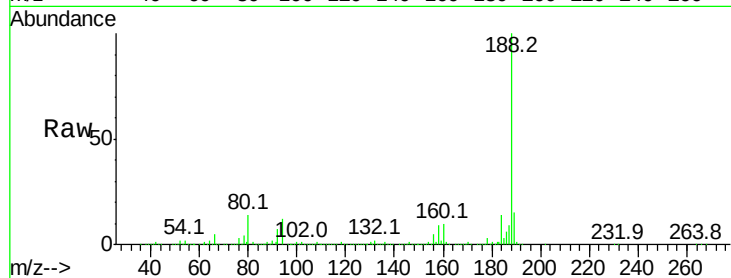
Tot Ion:188 Resp: 952588

Ion Ratio Lower Upper

188 100

94 12.5 10.0 15.0

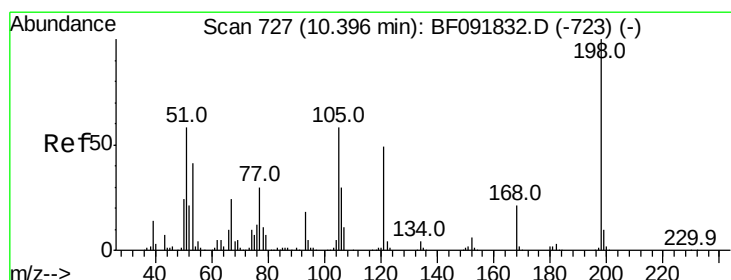
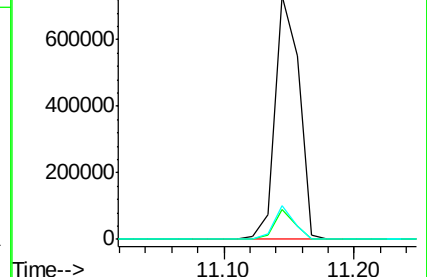
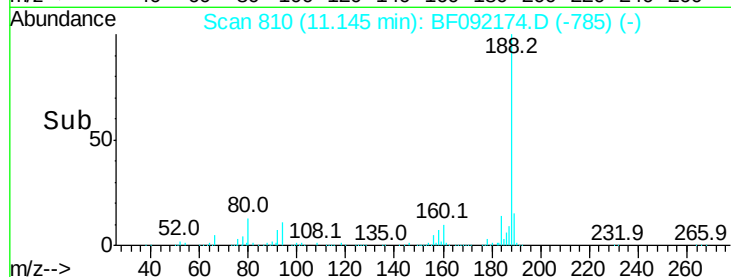
80 13.6 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 50.61 ng

RT: 10.30 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

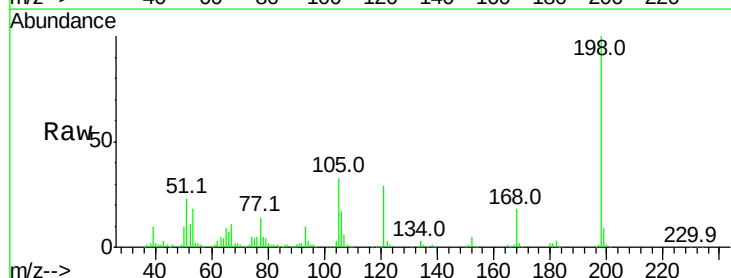
Tgt Ion:198 Resp: 291545

Ion Ratio Lower Upper

198 100

51 23.4 6.7 46.7

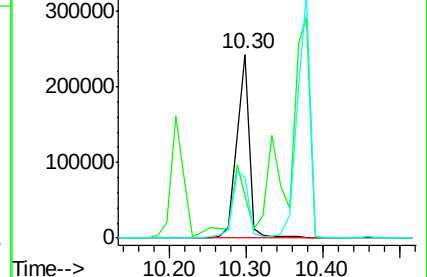
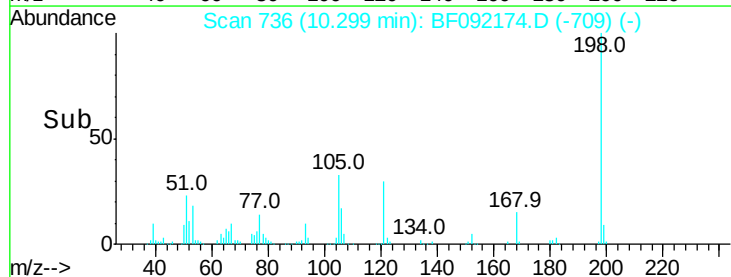
105 32.8 16.6 56.6

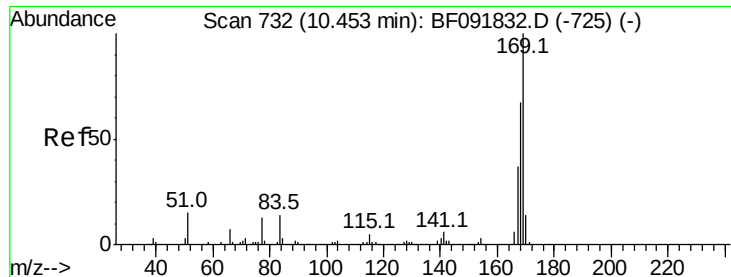


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

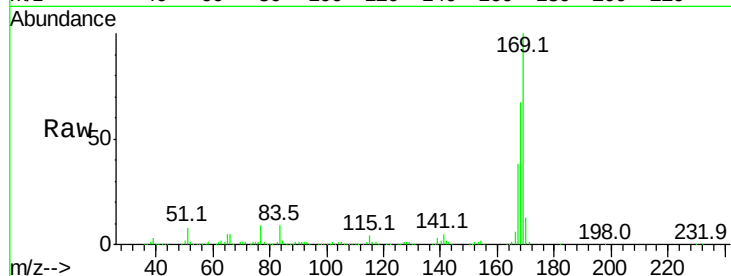




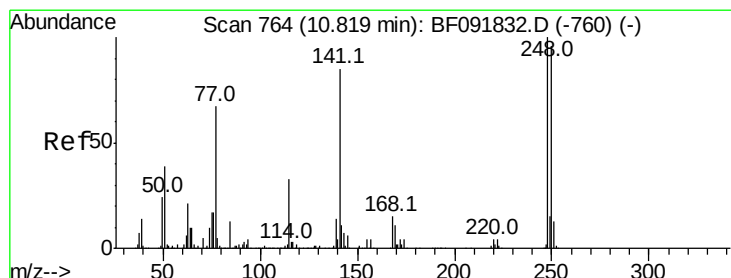
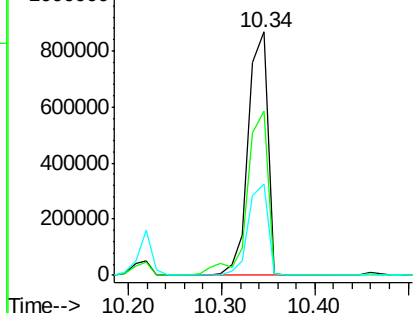
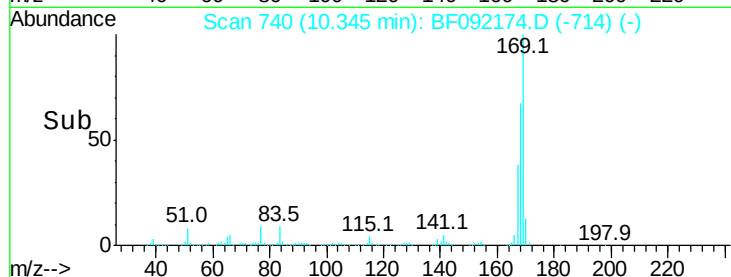
#65  
n-Nitrosodiphenylamine  
Concen: 44.23 ng  
RT: 10.34 min Scan# 740  
Delta R.T. -0.00 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:169 Resp: 1250226  
Ion Ratio Lower Upper  
169 100  
168 67.4 54.2 81.2  
167 37.7 30.2 45.4

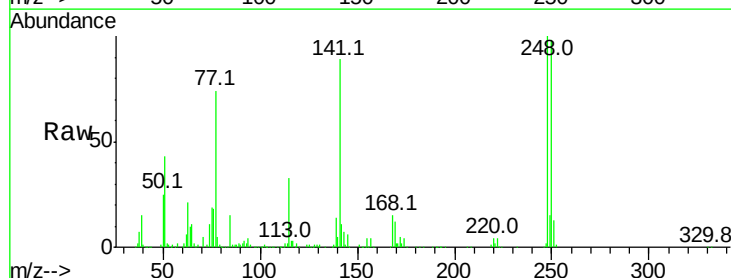


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

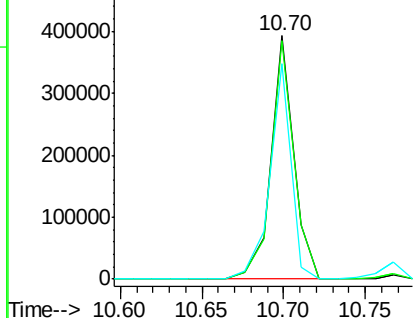
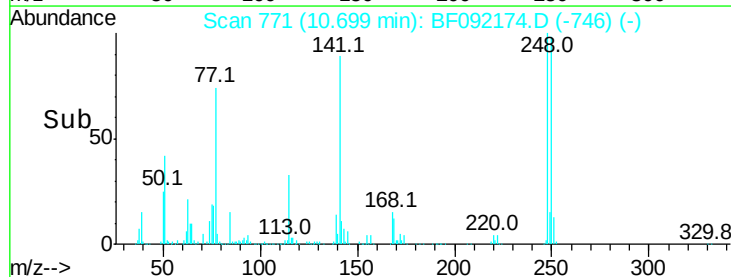


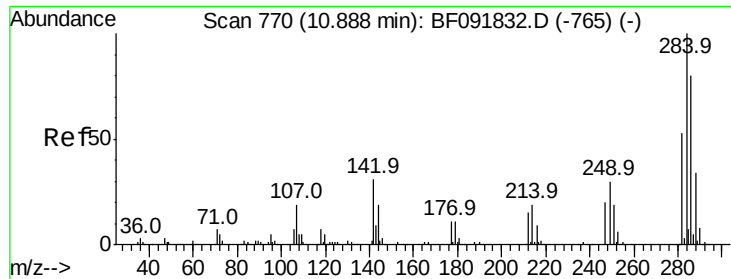
#66  
4-Bromophenyl-phenylether  
Concen: 38.65 ng  
RT: 10.70 min Scan# 771  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Tgt Ion:248 Resp: 382953  
Ion Ratio Lower Upper  
248 100  
250 97.7 76.9 115.3  
141 88.6 68.2 102.4



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





#67

Hexachlorobenzene

Concen: 37.64 ng

RT: 10.77 min Scan# 777

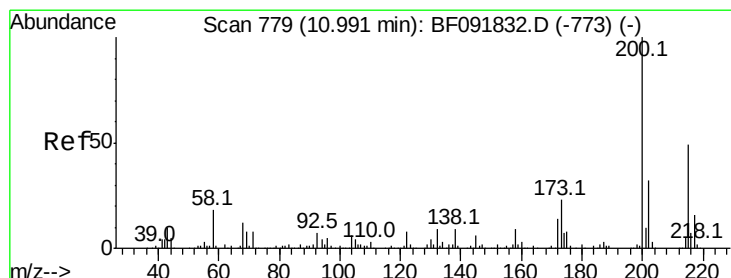
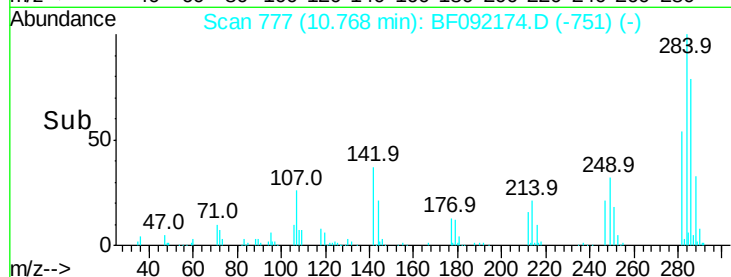
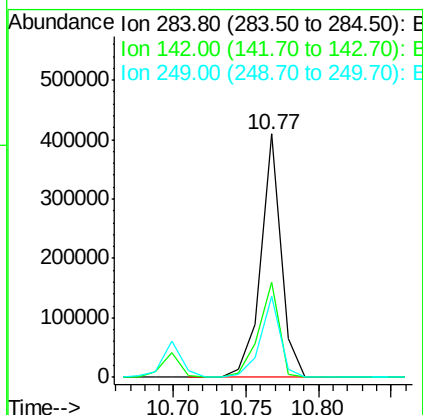
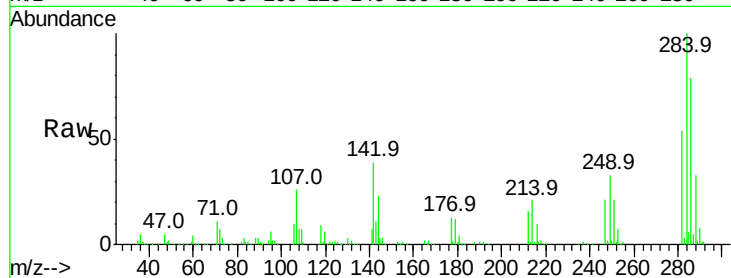
Delta R.T. 0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :  
BNA\_F  
ClientSampled :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:284 | Resp: | 398697 |
| Ion Ratio   | Lower | Upper  |
| 284 100     |       |        |
| 142 39.1    | 22.6  | 33.8#  |
| 249 33.1    | 25.4  | 38.0   |



#68

Atrazine

Concen: 31.58 ng

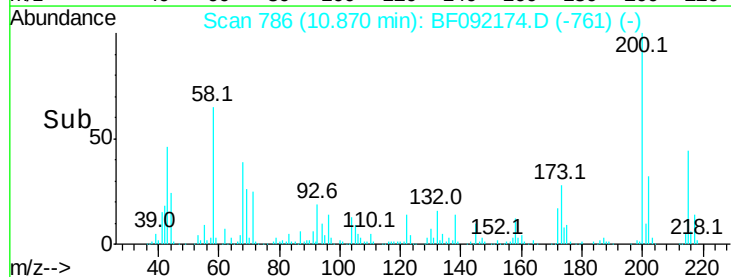
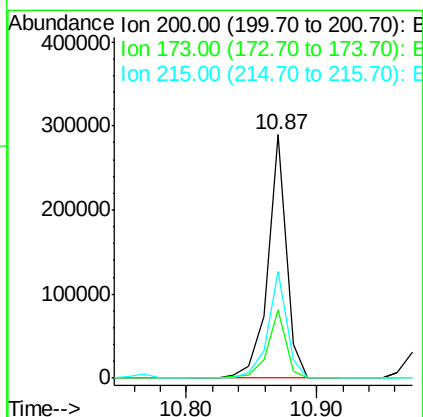
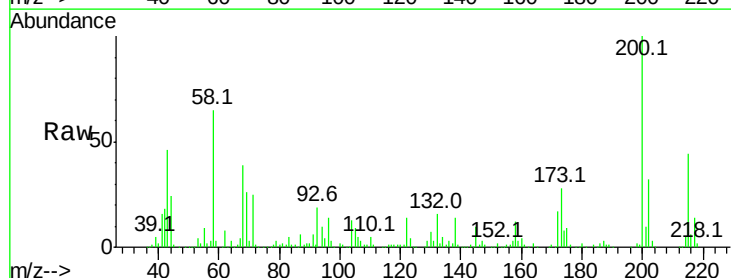
RT: 10.87 min Scan# 786

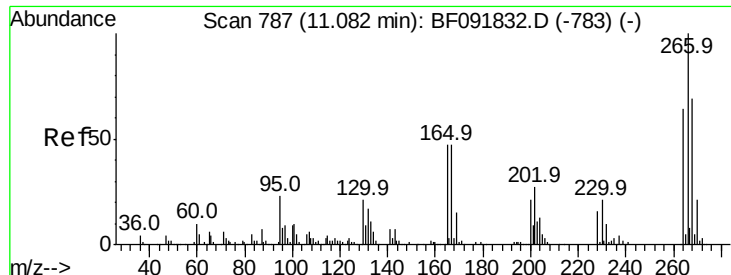
Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:200 | Resp: | 287967 |
| Ion Ratio   | Lower | Upper  |
| 200 100     |       |        |
| 173 28.2    | 9.6   | 49.6   |
| 215 43.8    | 25.7  | 65.7   |

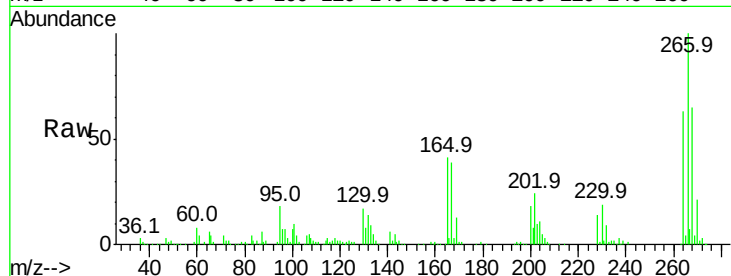




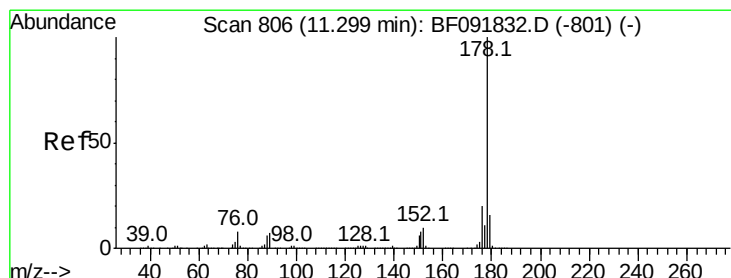
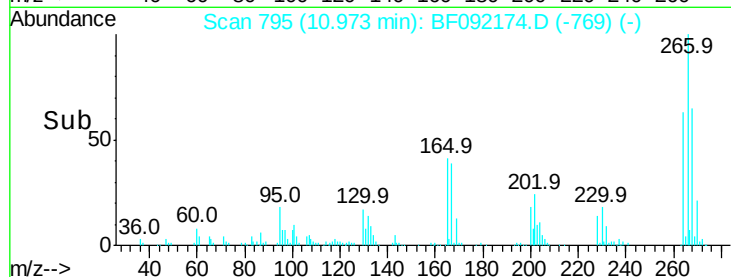
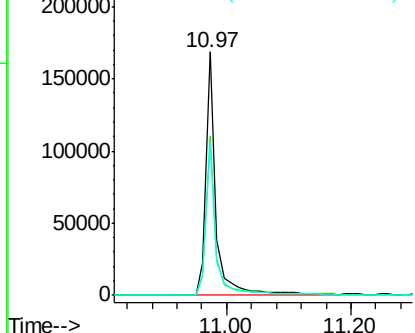
#69  
 Pentachlorophenol  
 Concen: 37.23 ng  
 RT: 10.97 min Scan# 795  
 Delta R.T. -0.00 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 193480  
 Ion Ratio Lower Upper  
 266 100  
 268 65.5 53.3 79.9  
 264 63.0 50.3 75.5

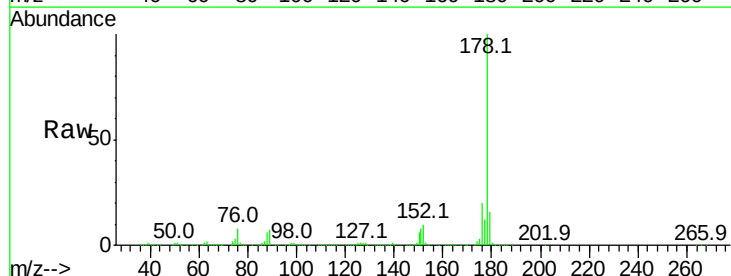


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

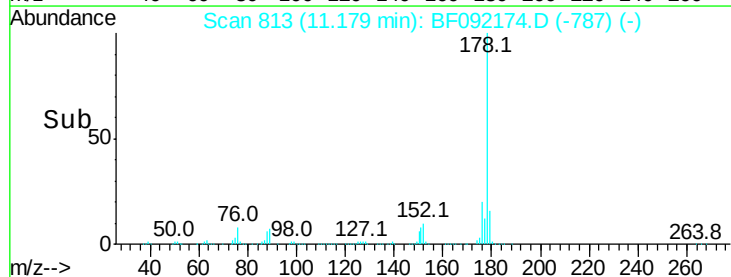
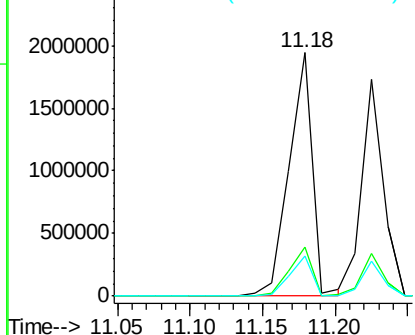


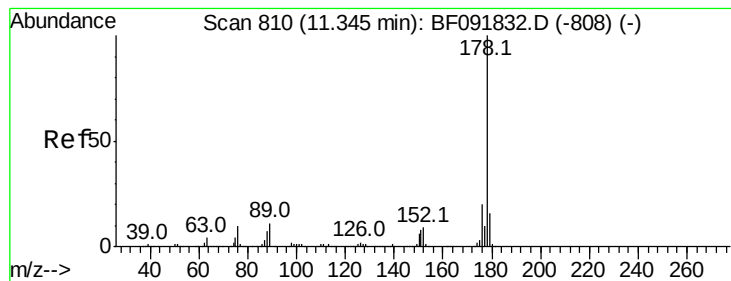
#70  
 Phenanthrene  
 Concen: 41.64 ng  
 RT: 11.18 min Scan# 813  
 Delta R.T. -0.00 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Tgt Ion:178 Resp: 2150979  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 16.6 25.0  
 179 16.2 12.8 19.2



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





#71

Anthracene

Concen: 37.39 ng

RT: 11.22 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

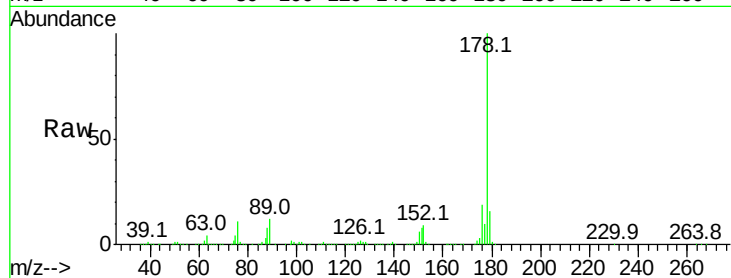
Tot Ion:178 Resp: 1812956

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

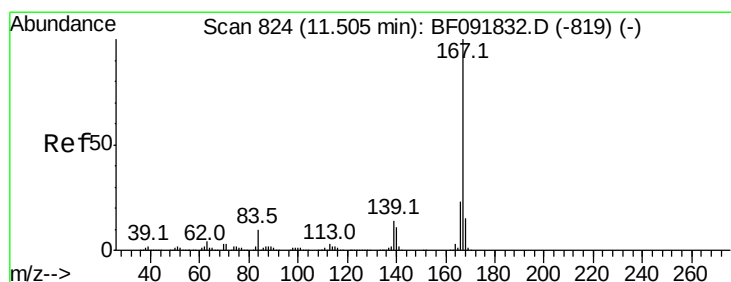
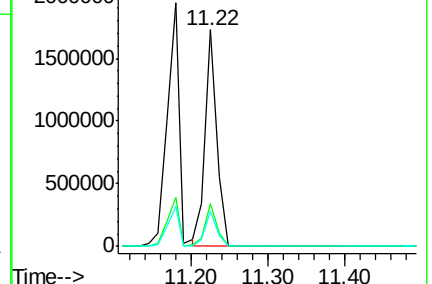
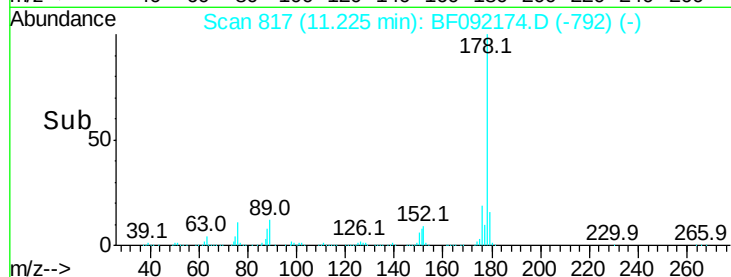
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.31 ng

RT: 11.38 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

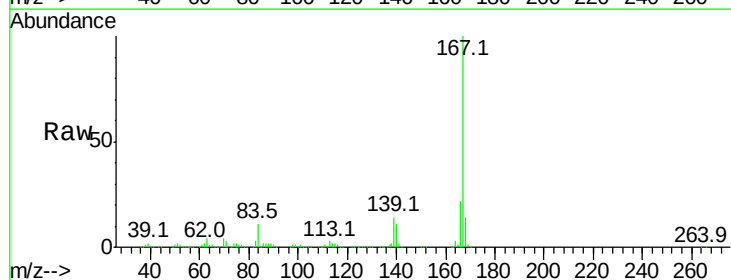
Tgt Ion:167 Resp: 1794367

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

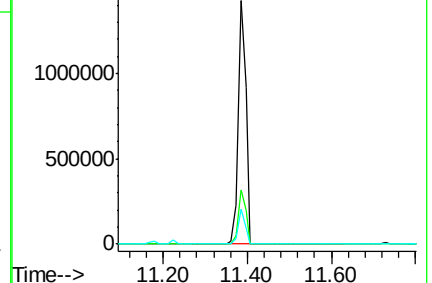
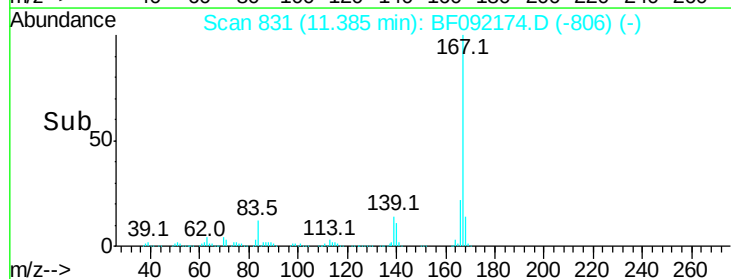
139 14.4 11.4 17.2

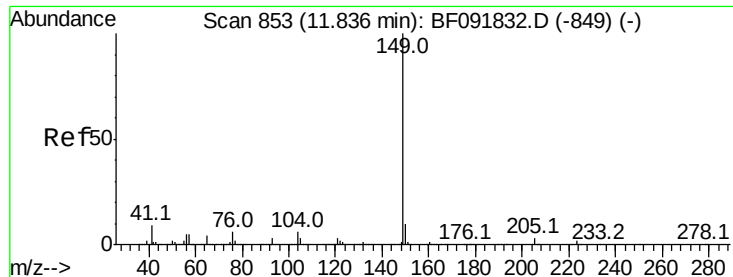


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.02 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

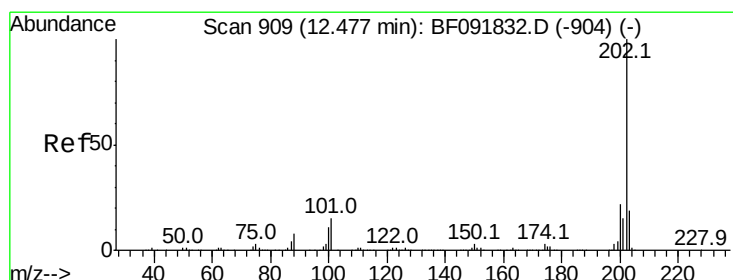
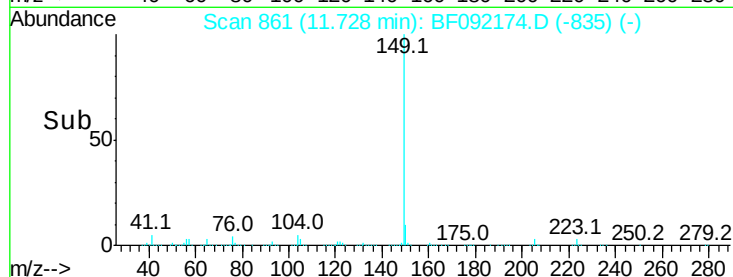
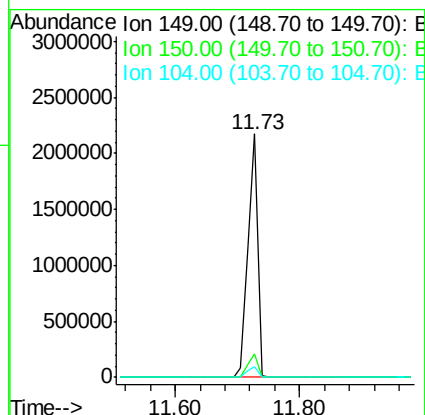
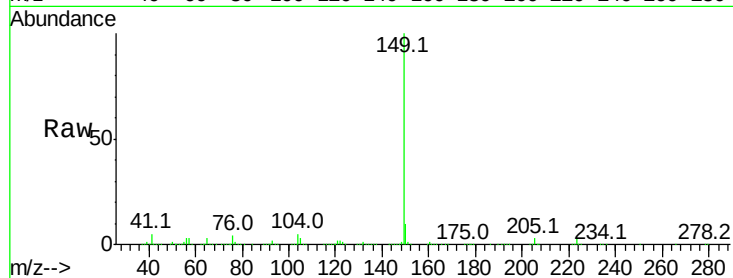
Tot Ion:149 Resp: 2381488

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 4.6 4.6 7.0#



#74

Fluoranthene

Concen: 41.92 ng

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

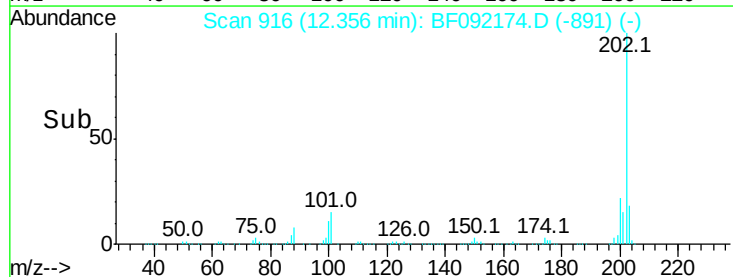
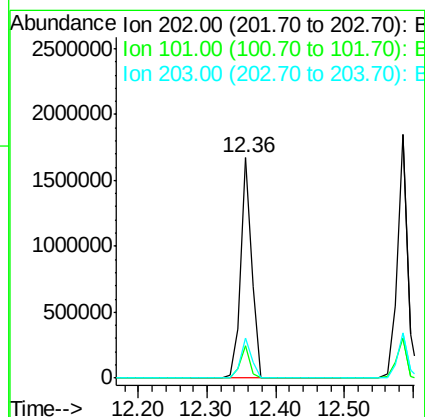
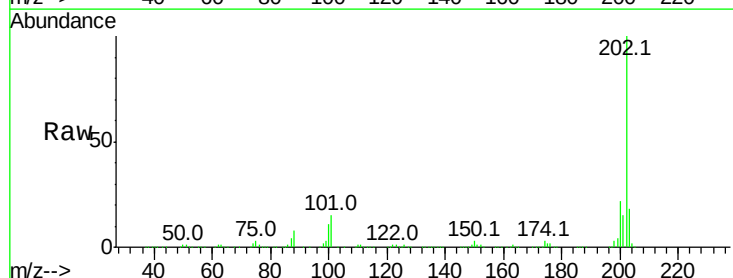
Tgt Ion:202 Resp: 1911727

Ion Ratio Lower Upper

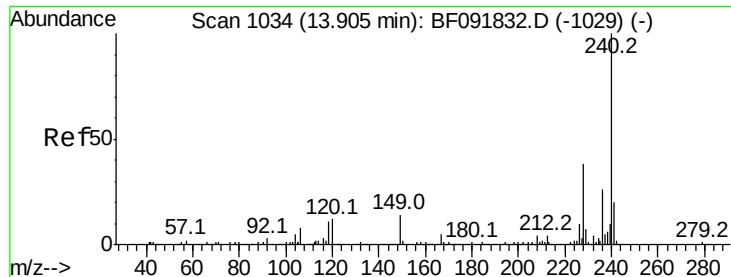
202 100

101 14.5 0.0 34.6

203 18.1 0.0 38.7







#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

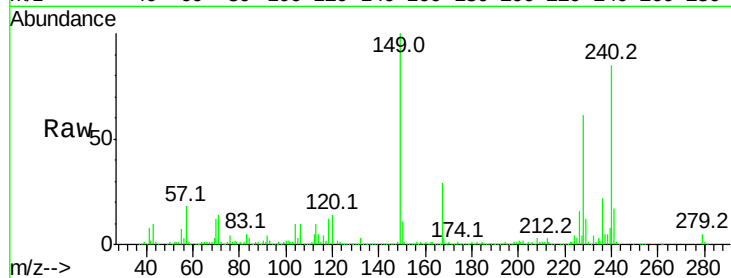
Tot Ion:240 Resp: 684740

Ion Ratio Lower Upper

240 100

120 16.0 12.9 19.3

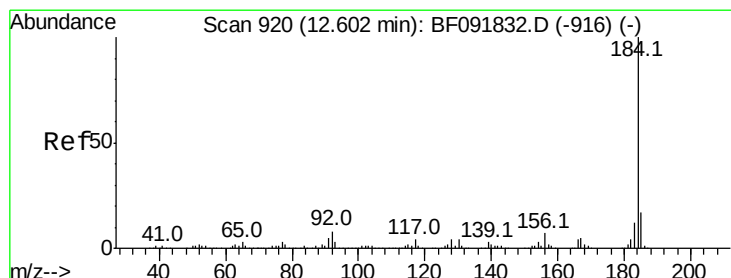
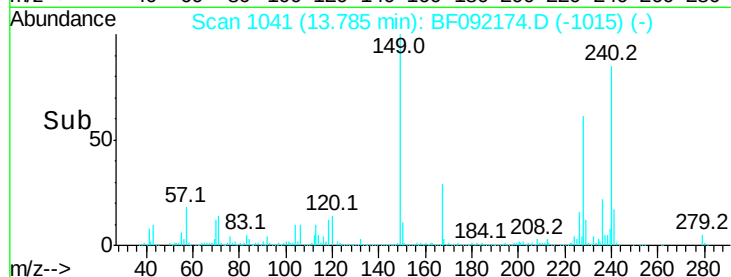
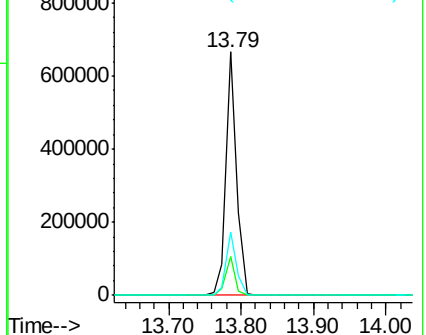
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.94 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

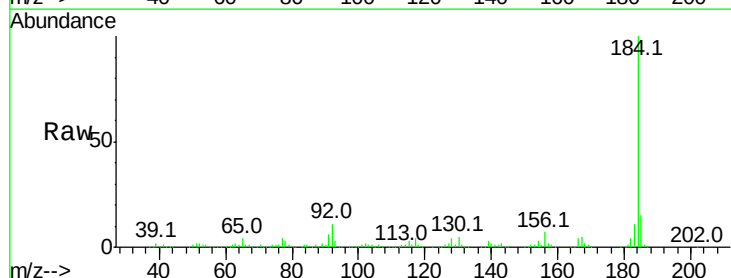
Tgt Ion:184 Resp: 810032

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

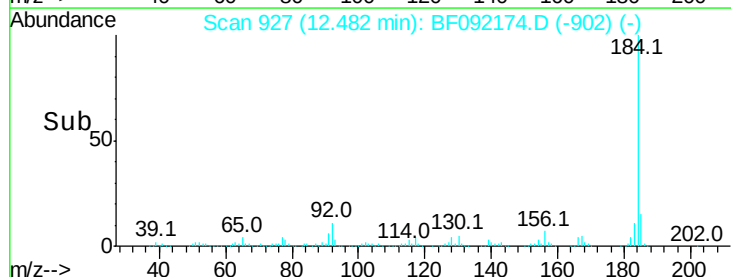
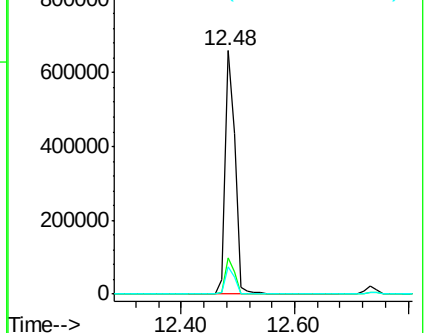
183 11.2 9.2 13.8

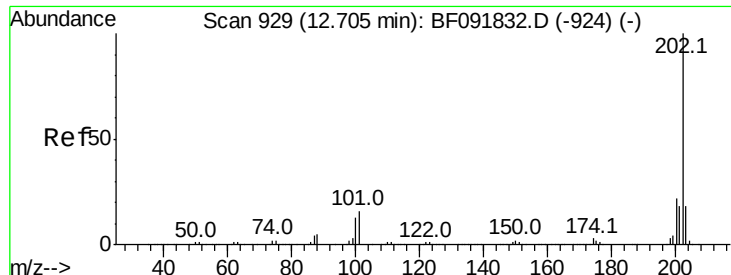


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

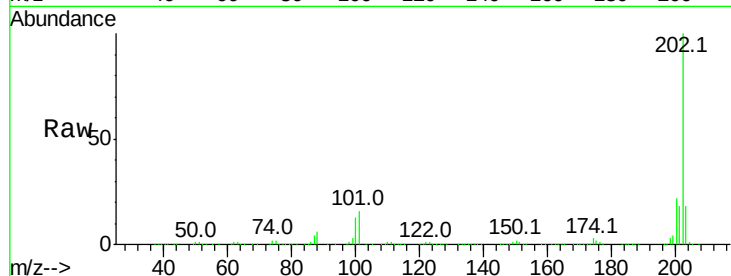




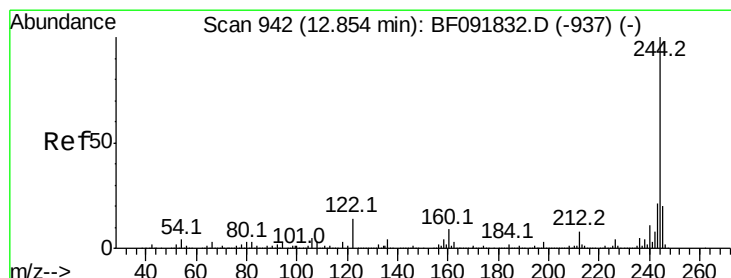
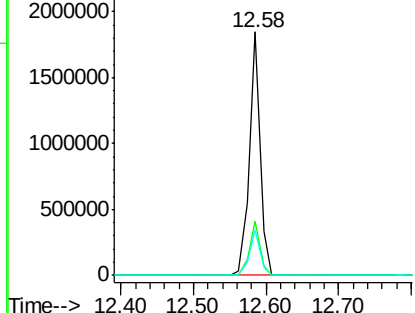
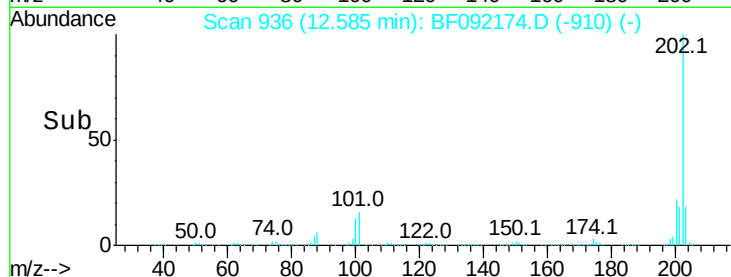
#77  
 Pvrene  
 Concen: 38.00 ng  
 RT: 12.58 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:202 Resp: 1908884  
 Ion Ratio Lower Upper  
 202 100  
 200 22.3 17.7 26.5  
 203 18.4 14.7 22.1

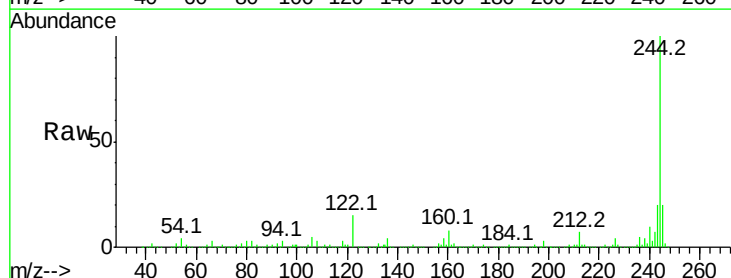


Abundance Ion 202.00 (201.70 to 202.70): E  
 2500000 Ion 200.00 (199.70 to 200.70): E  
 2000000 Ion 203.00 (202.70 to 203.70): E

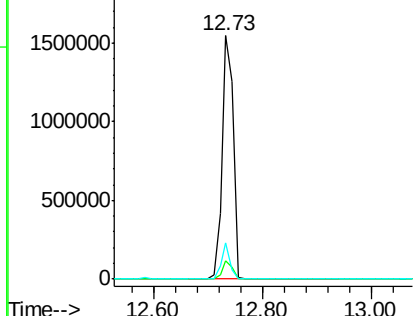
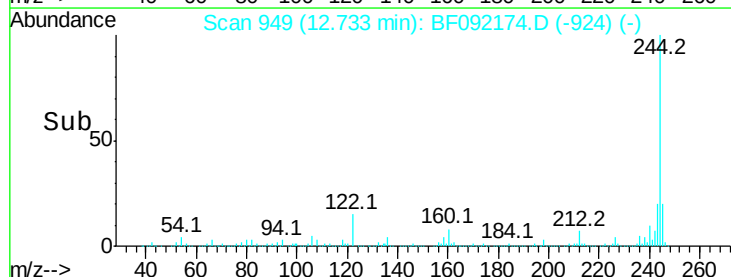


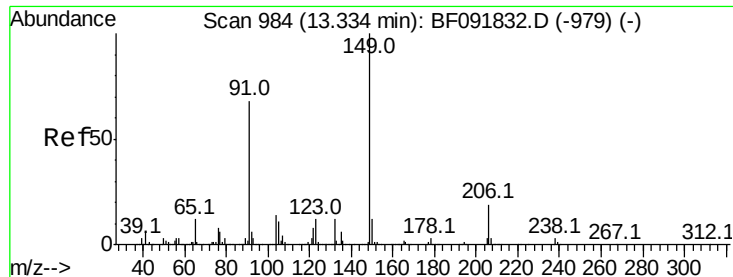
#78  
 Terphenyl-d14  
 Concen: 79.56 ng  
 RT: 12.73 min Scan# 949  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Tgt Ion:244 Resp: 2246248  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.2  
 122 15.0 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E  
 2000000 Ion 212.00 (211.70 to 212.70): E  
 1500000 Ion 122.00 (121.70 to 122.70): E

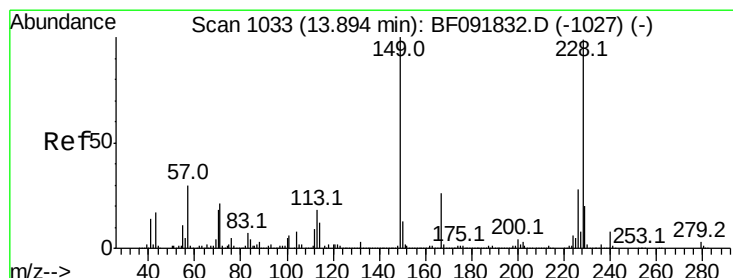
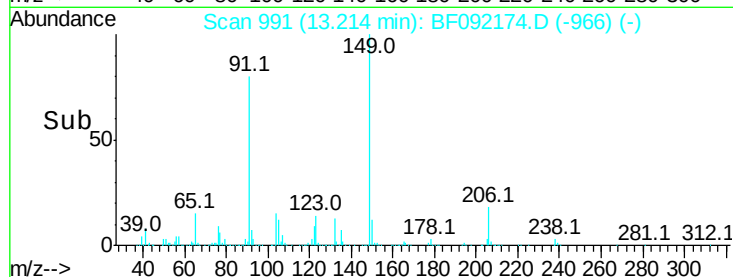
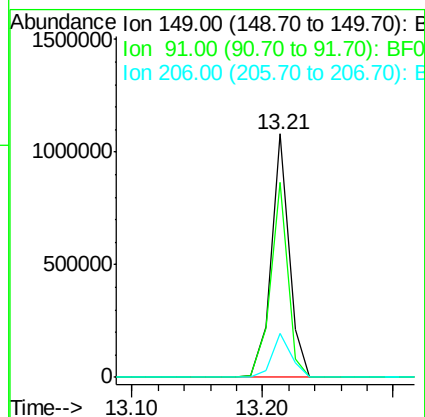
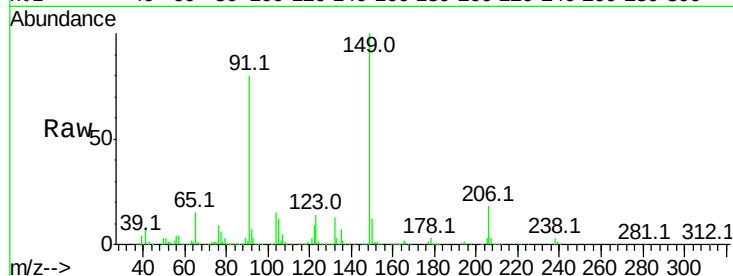




#79  
Butylbenzylphthalate  
Concen: 45.72 ng  
RT: 13.21 min Scan# 991  
Delta R.T. -0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

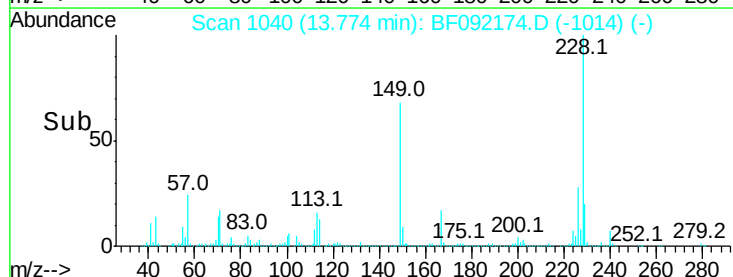
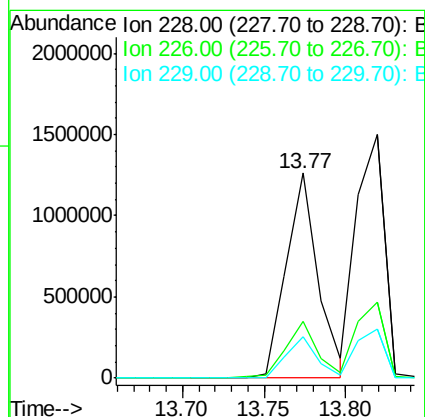
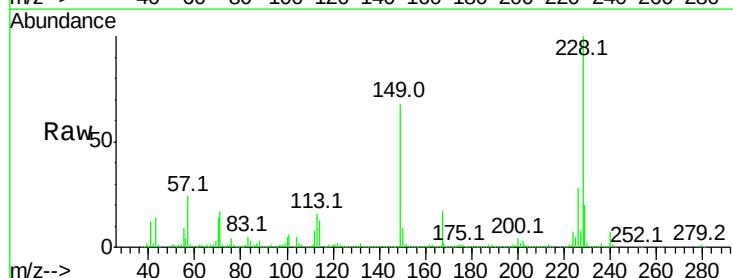
Instrument :  
BNA\_F  
ClientSampleID :

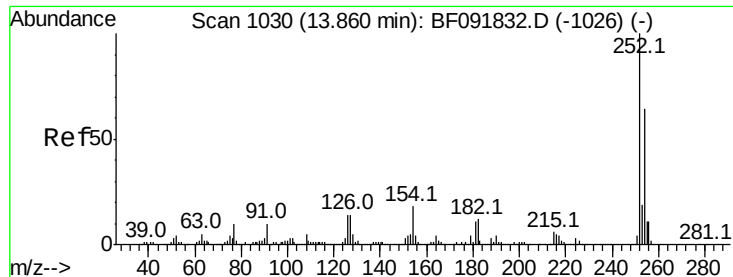
Tot Ion:149 Resp: 1044578  
Ion Ratio Lower Upper  
149 100  
91 80.0 63.9 95.9  
206 18.2 14.6 21.8



#80  
Benzo(a)anthracene  
Concen: 44.71 ng  
RT: 13.77 min Scan# 1040  
Delta R.T. 0.00 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Tgt Ion:228 Resp: 1728259  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.4 33.6  
229 20.4 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 51.70 ng

RT: 13.75 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF092174.D

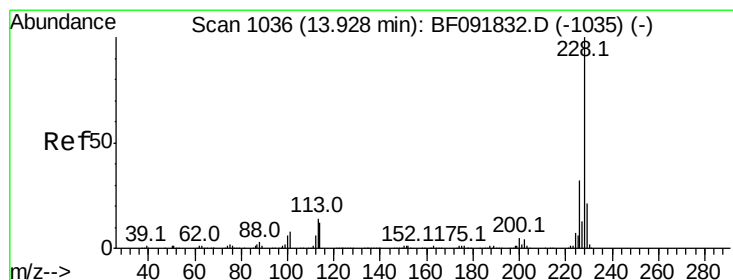
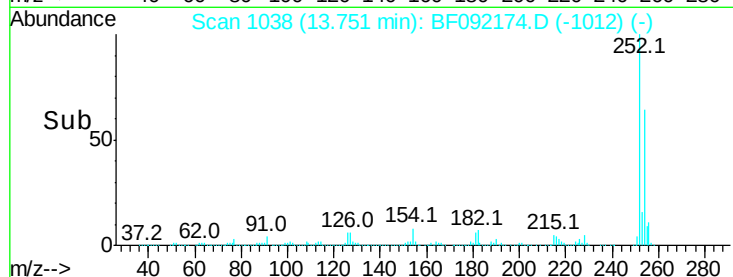
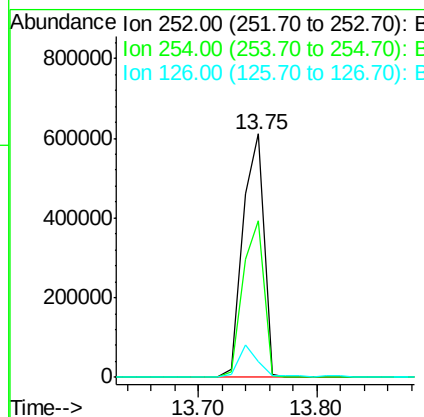
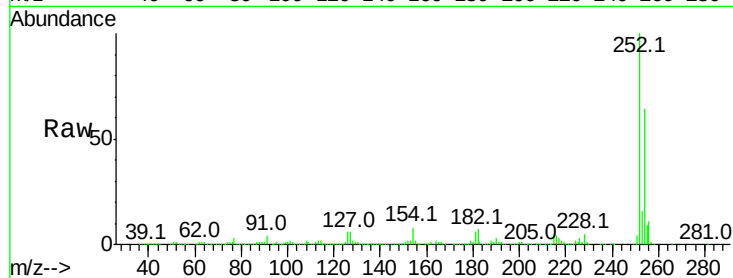
Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 252   | Resp: | 757803 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 64.1  | 52.3  | 78.5   |
| 126      | 6.4   | 13.6  | 20.4#  |



#82

Chrysene

Concen: 47.32 ng

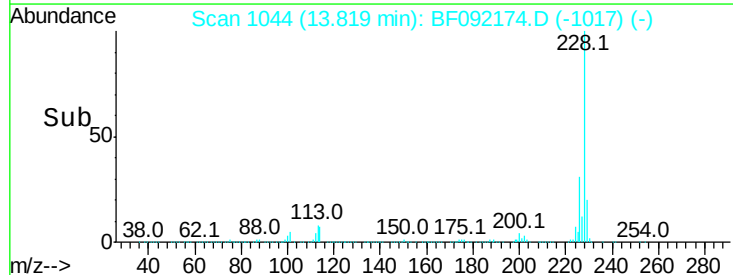
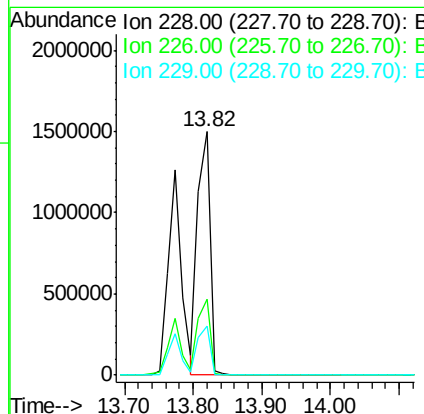
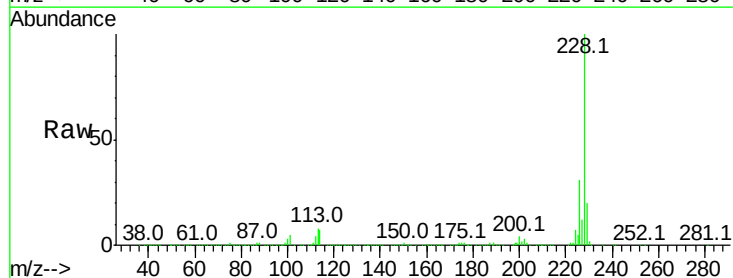
RT: 13.82 min Scan# 1044

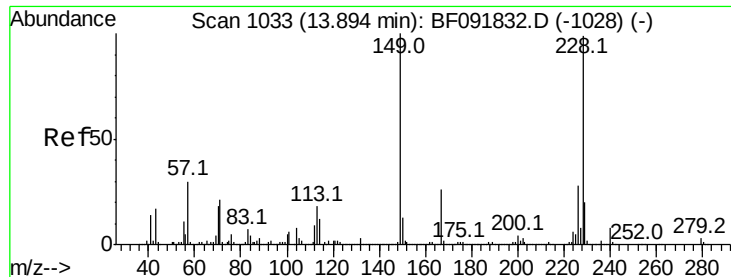
Delta R.T. 0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 228   | Resp: | 1834609 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 31.2  | 25.4  | 38.0    |
| 229      | 19.9  | 16.2  | 24.2    |

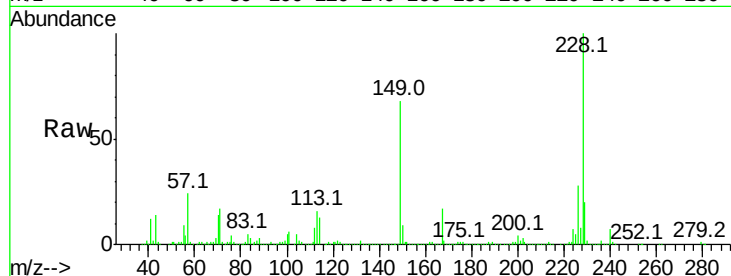




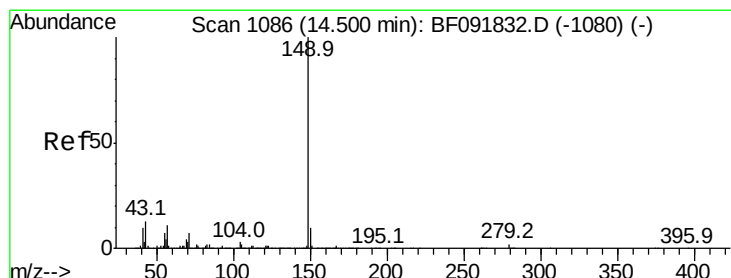
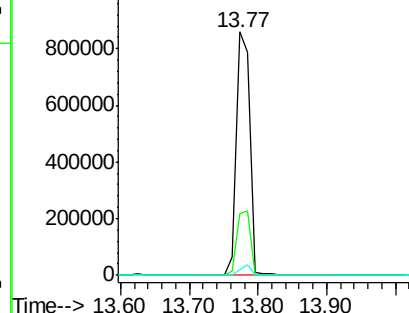
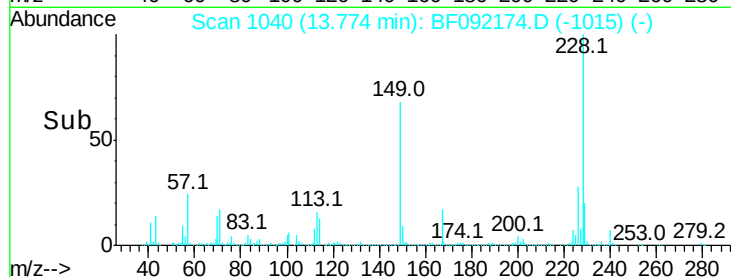
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.28 ng  
 RT: 13.77 min Scan# 1040  
 Delta R.T. -0.01 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:149 Resp: 1191505  
 Ion Ratio Lower Upper  
 149 100  
 167 25.3 20.2 30.4  
 279 2.1 1.8 2.8

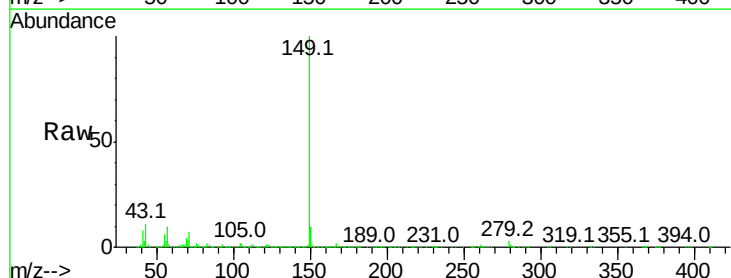


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

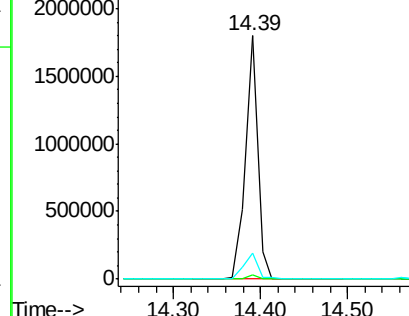
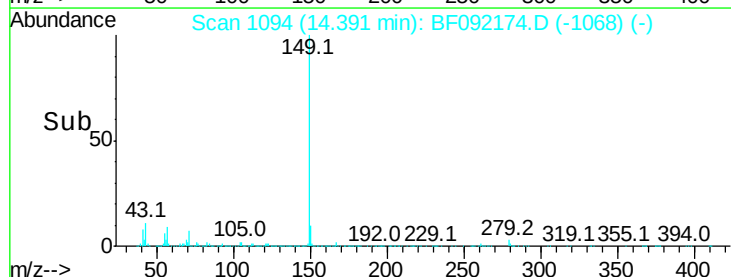


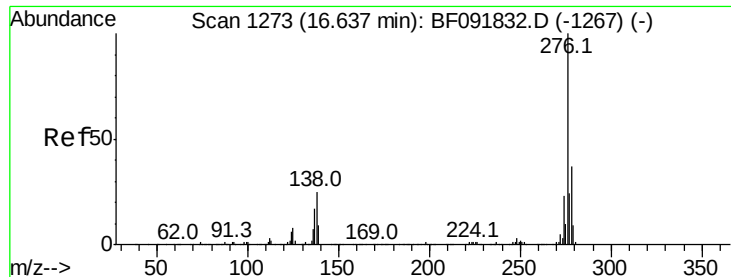
#84  
 Di-n-octyl phthalate  
 Concen: 34.90 ng  
 RT: 14.39 min Scan# 1094  
 Delta R.T. 0.00 min  
 Lab File: BF092174.D  
 Acq: 10 Jan 2017 11:45

Tgt Ion:149 Resp: 1739807  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 12.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.40 ng

RT: 16.44 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

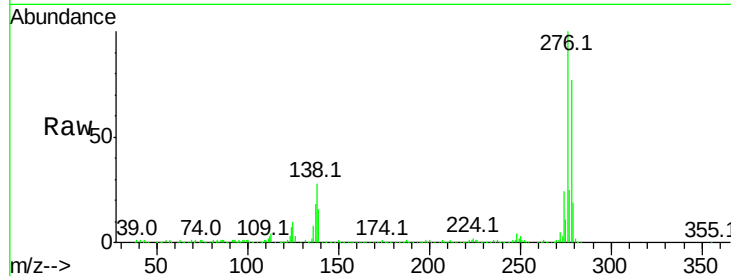
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:276 Resp: 1189087

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 26.5  | 21.8  | 32.6  |
| 277 | 25.6  | 20.2  | 30.4  |

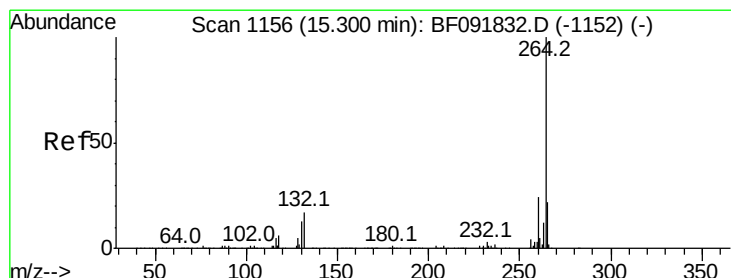
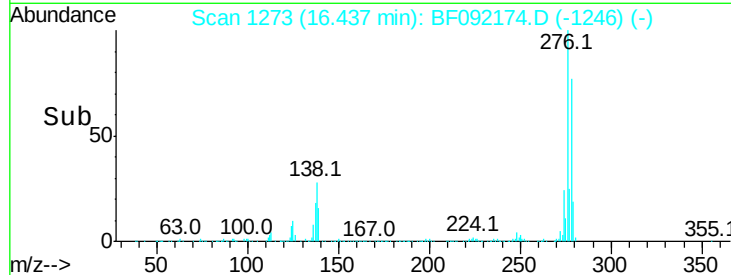
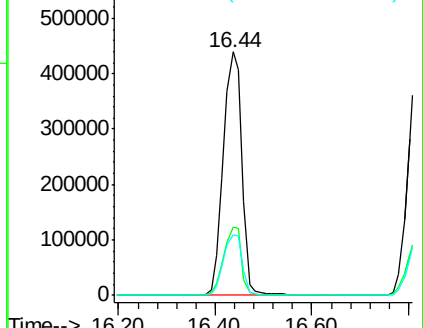


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.16 min Scan# 1161

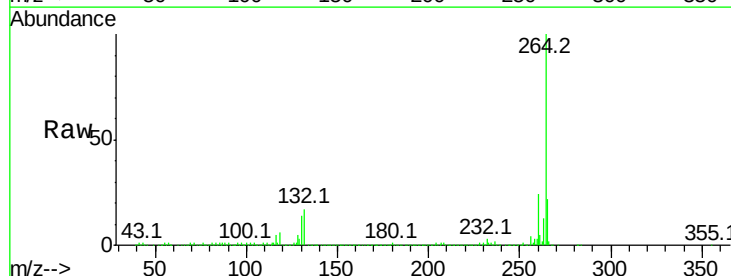
Delta R.T. 0.01 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Tgt Ion:264 Resp: 550095

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.4  | 19.2  | 28.8  |
| 265 | 21.8  | 17.4  | 26.0  |

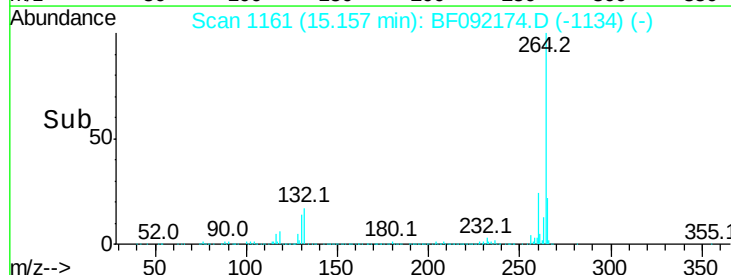
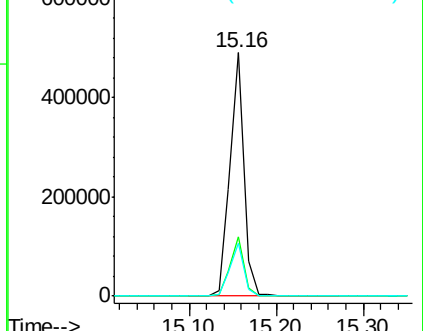


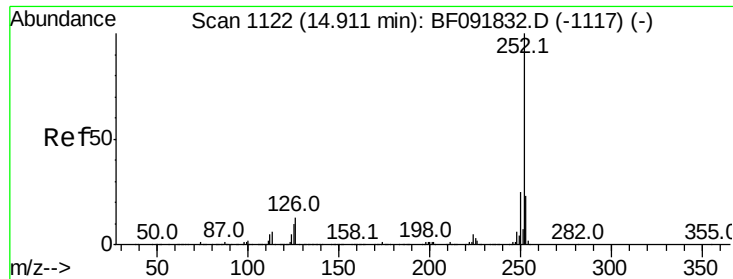
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 77.07 ng

RT: 14.81 min Scan# 1131

Delta R.T. 0.03 min

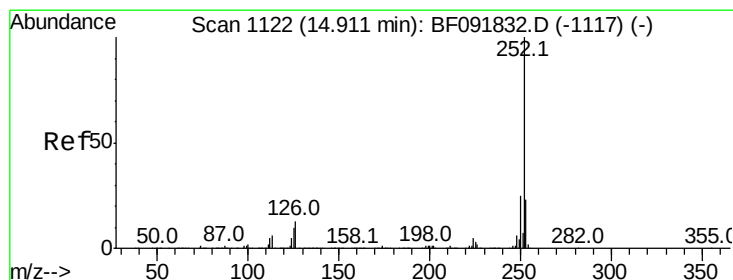
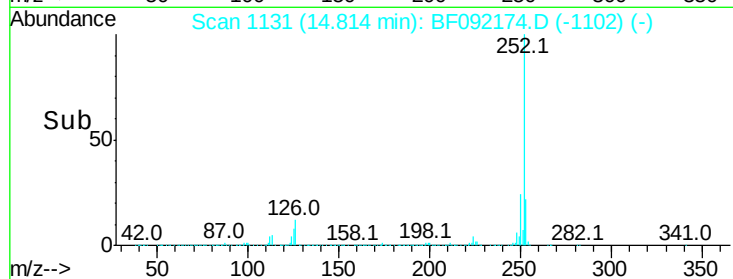
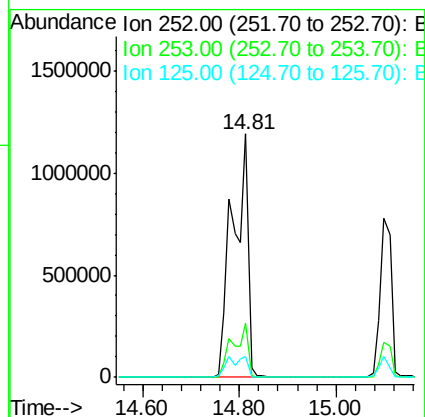
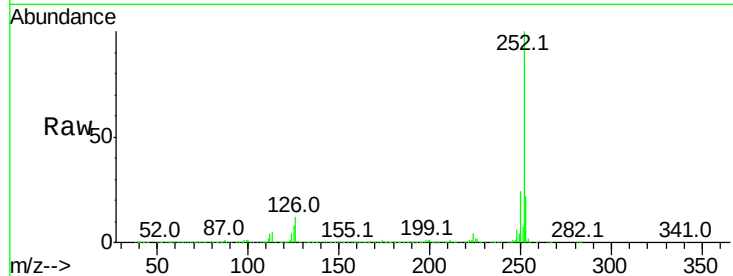
Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 2639699

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 18.2  | 27.4  |
| 125 | 8.4   | 9.8   | 14.6# |



#88

Benzo(k)fluoranthene

Concen: 90.39 ng

RT: 14.81 min Scan# 1131

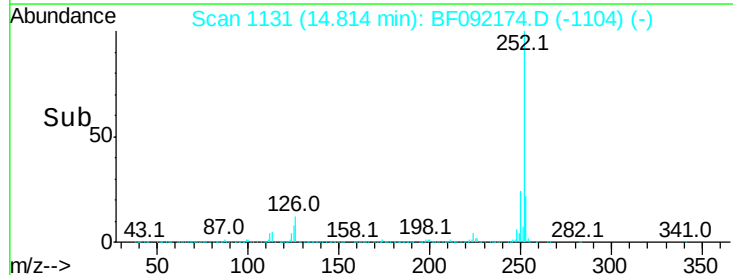
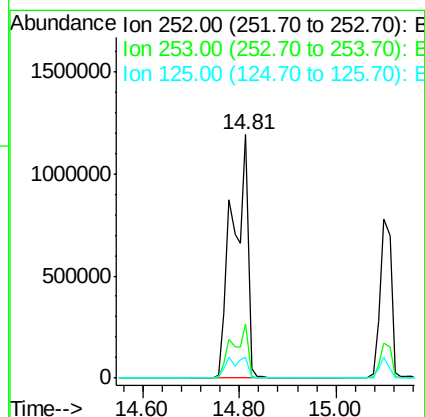
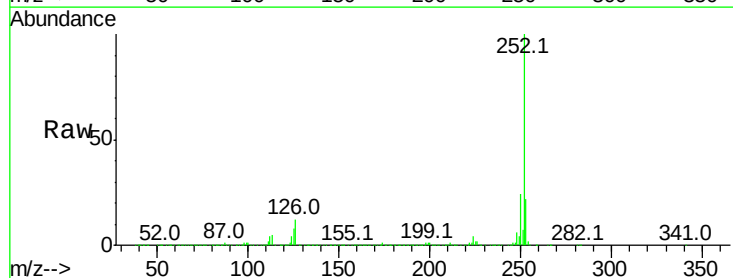
Delta R.T. 0.01 min

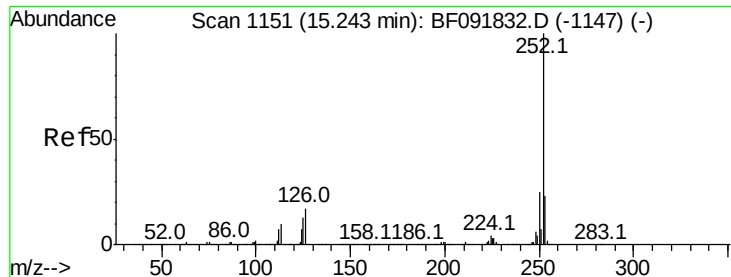
Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Tgt Ion:252 Resp: 2639699

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 18.5  | 27.7  |
| 125 | 8.4   | 8.9   | 13.3# |

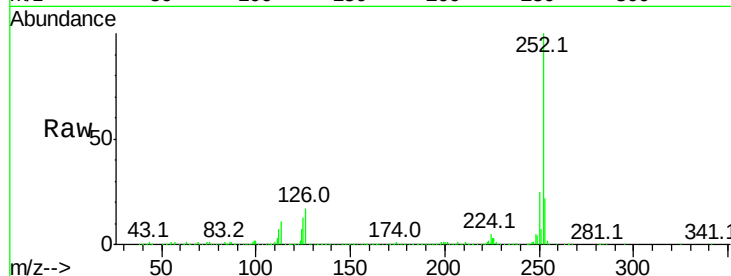




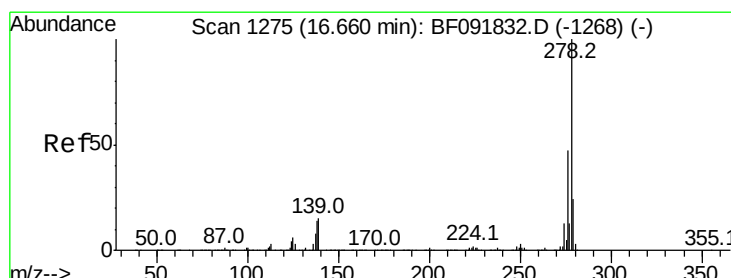
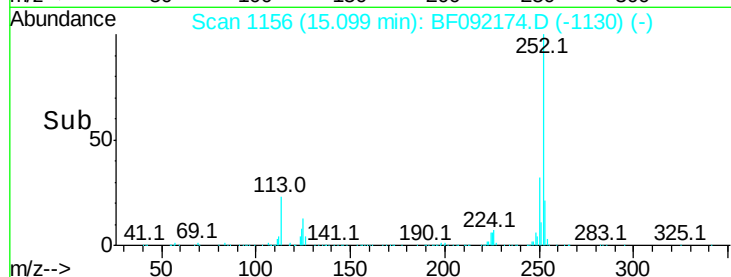
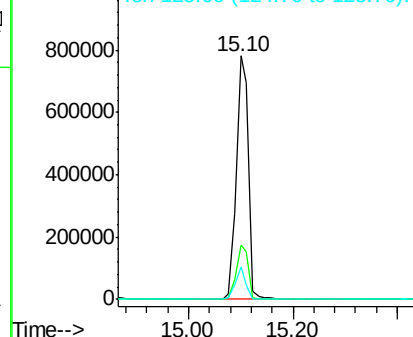
#89  
Benzo(a)pyrene  
Concen: 41.15 ng  
RT: 15.10 min Scan# 1156  
Delta R.T. -0.00 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 1250870  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.2 27.2  
125 13.3 10.0 15.0

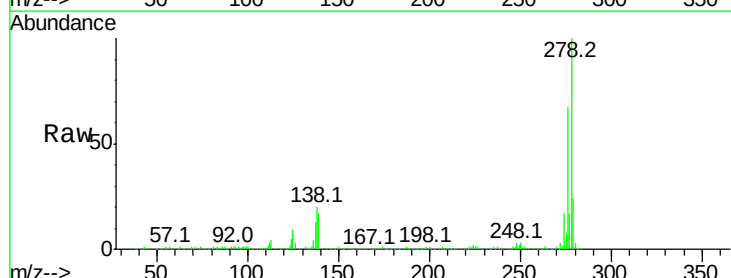


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

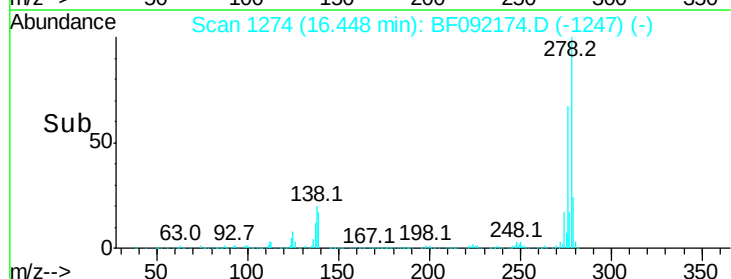
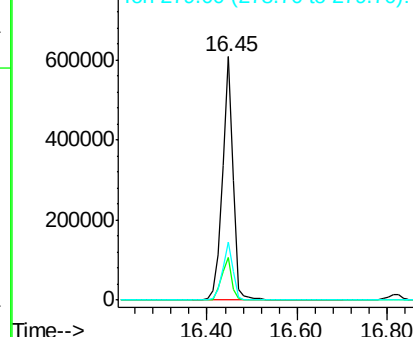


#90  
Dibenzo(a,h)anthracene  
Concen: 40.00 ng  
RT: 16.45 min Scan# 1274  
Delta R.T. 0.01 min  
Lab File: BF092174.D  
Acq: 10 Jan 2017 11:45

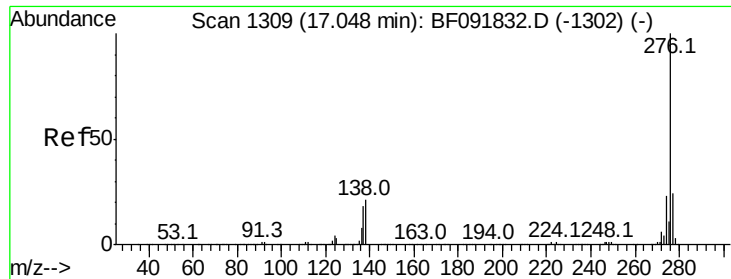
Tgt Ion:278 Resp: 999290  
Ion Ratio Lower Upper  
278 100  
139 17.4 14.8 22.2  
279 23.9 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E







#91

Benzo(a,h,i)perylene

Concen: 39.25 ng

RT: 16.83 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF092174.D

Acq: 10 Jan 2017 11:45

Instrument :

BNA\_F

ClientSampleId :

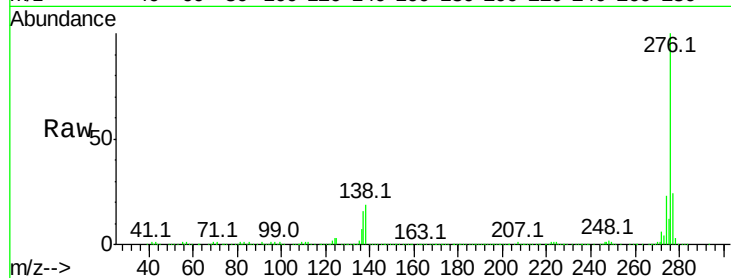
Tot Ion:276 Resp: 1019694

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 19.3 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

