

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\  
 Data File : BF103164.D  
 Acq On : 22 Feb 2018 16:10  
 Operator : SJ/JU  
 Sample : J1396-01 2X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022118

Quant Time: Feb 23 03:07:00 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 02:43:46 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 176901   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.15  | 136  | 734357   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.91  | 164  | 311227   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.40 | 188  | 475502   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.04 | 240  | 310253   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.55 | 264  | 309434   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 518617 | 44.34 | ng | 0.00  |
| 7) Phenol-d6             | 6.50  | 99  | 621466 | 43.42 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.43  | 82  | 388315 | 30.20 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 104074 | 39.51 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.22  | 172 | 633872 | 29.16 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.98 | 244 | 442954 | 34.32 | ng | 0.00  |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 3) Pyridine                    | 3.66  | 79  | 140    | 0.008 | ng | # 9    |
| 4) n-Nitrosodimethylamine      | 3.36  | 42  | 631    | 0.095 | ng | # 1    |
| 6) Aniline                     | 6.64  | 93  | 1020   | 0.049 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.65  | 128 | 234    | 0.019 | ng | # 1    |
| 10) Phenol                     | 6.51  | 94  | 3386   | 0.204 | ng | # 1    |
| 11) bis(2-Chloroethyl)ether    | 6.64  | 93  | 1020   | 0.081 | ng | # 1    |
| 15) Benzyl Alcohol             | 7.02  | 79  | 6982   | 0.647 | ng | # 47   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14  | 45  | 424    | 0.020 | ng | # 65   |
| 17) 2-Methylphenol             | 7.12  | 107 | 113    | 0.010 | ng | # 11   |
| 18) Hexachloroethane           | 7.43  | 117 | 109    | 0.022 | ng | # 2    |
| 20) 3+4-Methylphenols          | 7.12  | 107 | 113    | 0.008 | ng | # 20   |
| 22) Acetophenone               | 7.30  | 105 | 121    | 0.007 | ng | # 1    |
| 24) Nitrobenzene               | 7.47  | 77  | 106    | 0.007 | ng | # 38   |
| 27) 2,4-Dimethylphenol         | 7.80  | 122 | 282    | 0.028 | ng | # 4    |
| 28) bis(2-Chloroethoxy)methane | 7.89  | 93  | 113    | 0.008 | ng | # 1    |
| 31) Naphthalene                | 8.17  | 128 | 1567   | 0.044 | ng | # 78   |
| 33) 4-Chloroaniline            | 8.20  | 127 | 109    | 0.007 | ng | # 1    |
| 35) Caprolactam                | 8.59  | 113 | 239    | 0.070 | ng | # 1    |
| 36) 4-Chloro-3-methylphenol    | 8.70  | 107 | 132    | 0.012 | ng | # 20   |
| 37) 2-Methylnaphthalene        | 8.86  | 142 | 1495   | 0.064 | ng | # 88   |
| 45) 1,1'-Biphenyl              | 9.33  | 154 | 2625   | 0.101 | ng | # 96   |
| 46) 2-Chloronaphthalene        | 9.44  | 162 | 106    | 0.005 | ng | # 37   |
| 47) 2-Nitroaniline             | 9.43  | 65  | 1609   | 0.211 | ng | # 19   |
| 48) Acenaphthylene             | 9.77  | 152 | 1595   | 0.050 | ng | # 72   |
| 49) Dimethylphthalate          | 9.62  | 163 | 52541  | 2.104 | ng | # 96   |
| 51) Acenaphthene               | 9.94  | 154 | 851    | 0.046 | ng | # 50   |
| 52) 3-Nitroaniline             | 9.86  | 138 | 191    | 0.029 | ng | # 1    |
| 54) Dibenzofuran               | 10.12 | 168 | 1793   | 0.071 | ng | # 60   |
| 55) 4-Nitrophenol              | 10.03 | 139 | 324    | 0.079 | ng | # 50   |
| 56) 2,4-Dinitrotoluene         | 10.17 | 165 | 6057   | 0.914 | ng | # 49   |
| 57) Fluorene                   | 10.46 | 166 | 3045   | 0.141 | ng | # 94   |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.24 | 232 | 145    | 0.033 | ng | # 1    |
| 59) Diethylphthalate           | 10.32 | 149 | 180756 | 7.570 | ng | # 99   |
| 61) 4-Nitroaniline             | 10.47 | 138 | 1936   | 0.292 | ng | # 87   |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\  
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 Sample : J1396-01 2X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

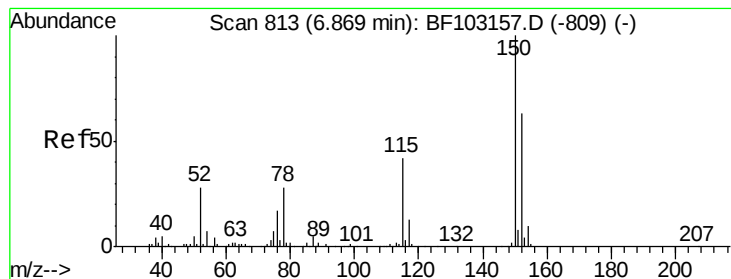
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022118

Quant Time: Feb 23 03:07:00 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 02:43:46 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |    |
|--------------------------------|-------|------|----------|-------|-------|----------|----|
| -----                          |       |      |          |       |       |          |    |
| 62) Azobenzene                 | 10.62 | 77   | 1451     | 0.060 | nq    | #        | 1  |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 1329     | 0.080 | nq    | #        | 63 |
| 66) 4-Bromophenyl-phenylether  | 10.70 | 248  | 7268     | 1.467 | nq    | #        | 1  |
| 70) Phenanthrene               | 11.42 | 178  | 16644    | 0.636 | nq    |          | 95 |
| 71) Anthracene                 | 11.47 | 178  | 5364     | 0.200 | nq    |          | 98 |
| 72) Carbazole                  | 11.62 | 167  | 10750    | 0.402 | nq    | #        | 93 |
| 73) Di-n-butylphthalate        | 11.94 | 149  | 8526     | 0.255 | nq    | #        | 94 |
| 74) Fluoranthene               | 12.61 | 202  | 17634    | 0.671 | nq    |          | 84 |
| 76) Benzidine                  | 12.77 | 184  | 475      | 0.041 | nq    | #        | 1  |
| 77) Pvrene                     | 12.84 | 202  | 19833    | 0.820 | nq    | #        | 93 |
| 79) Butylbenzylphthalate       | 13.45 | 149  | 10812    | 0.846 | nq    | #        | 83 |
| 80) Benzo(a)anthracene         | 14.03 | 228  | 23523    | 1.169 | nq    | #        | 87 |
| 81) 3,3'-Dichlorobenzidine     | 14.01 | 252  | 1135     | 0.158 | nq    | #        | 49 |
| 82) Chrysene                   | 14.07 | 228  | 26421    | 1.352 | nq    | #        | 94 |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 23987    | 1.391 | nq    | #        | 93 |
| 84) Di-n-octyl phthalate       | 14.64 | 149  | 34633    | 1.243 | nq    | #        | 75 |
| 85) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 15457    | 0.999 | nq    |          | 95 |
| 87) Benzo(b)fluoranthene       | 15.11 | 252  | 30810    | 1.514 | nq    | #        | 54 |
| 88) Benzo(k)fluoranthene       | 15.14 | 252  | 28593    | 1.492 | nq    | #        | 59 |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 25278    | 1.391 | nq    | #        | 52 |
| 90) Dibenzo(a,h)anthracene     | 17.08 | 278  | 9347     | 0.666 | nq    | #        | 21 |
| 91) Benzo(g,h,i)perylene       | 17.53 | 276  | 13367    | 0.974 | nq    | #        | 68 |
| -----                          |       |      |          |       |       |          |    |

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



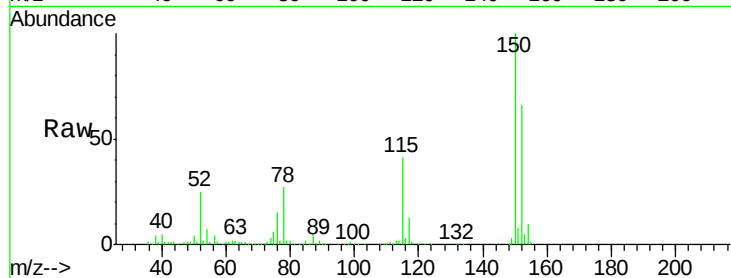


#1

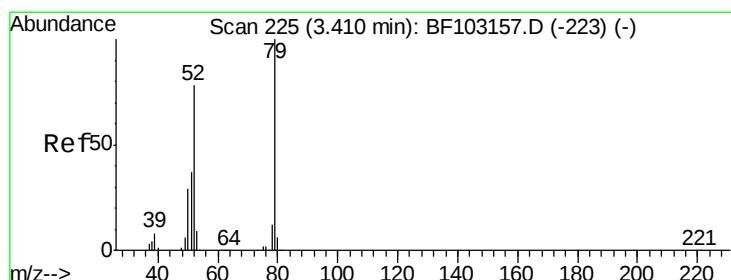
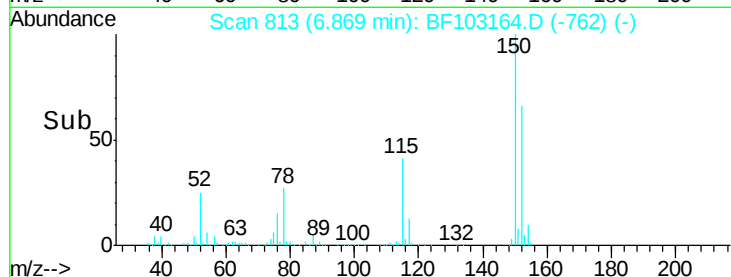
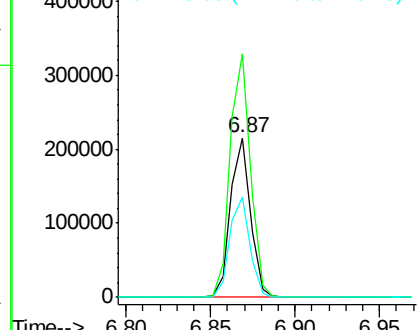
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.00 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

Tot Ion:152 Resp: 176901  
Ion Ratio Lower Upper  
152 100  
150 152.4 124.6 186.8  
115 62.6 50.1 75.1



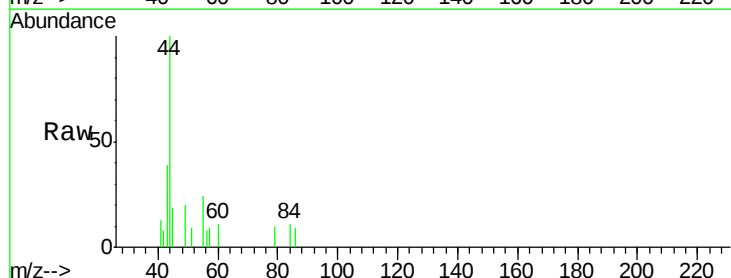
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



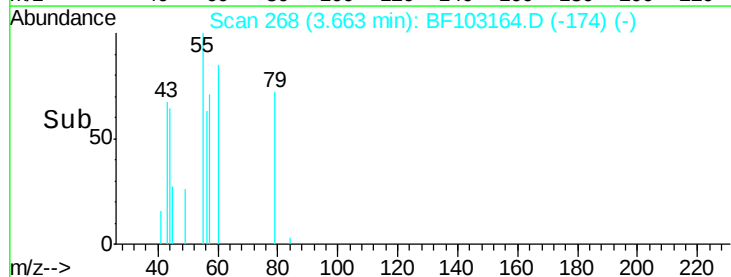
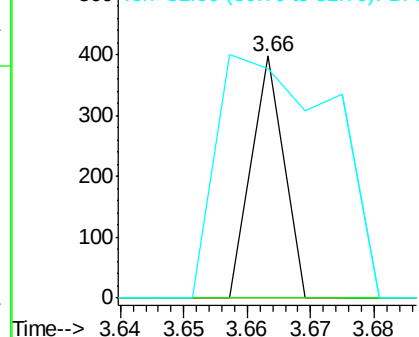
#3

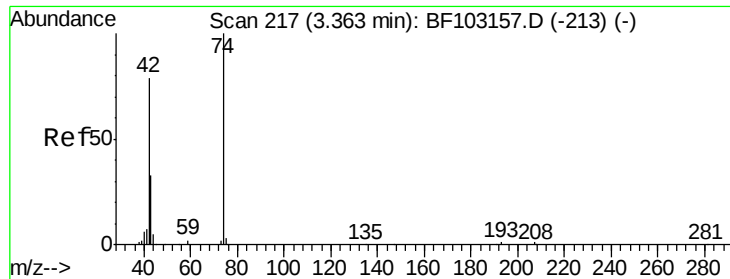
Pyridine  
Concen: 0.008 ng  
RT: 3.66 min Scan# 268  
Delta R.T. 0.25 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion: 79 Resp: 140  
Ion Ratio Lower Upper  
79 100  
52 0.0 59.8 89.6#  
51 95.0 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1





#4

n-Nitrosodimethylamine

Concen: 0.095 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

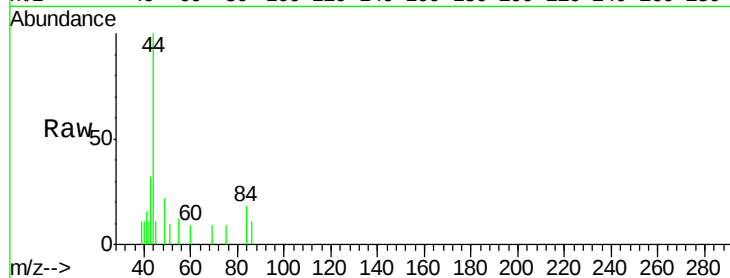
Tot Ion: 42 Resp: 631

Ion Ratio Lower Upper

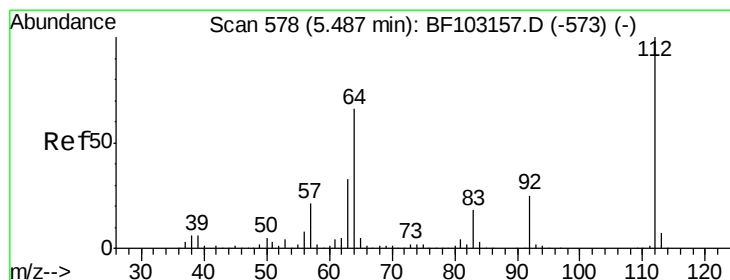
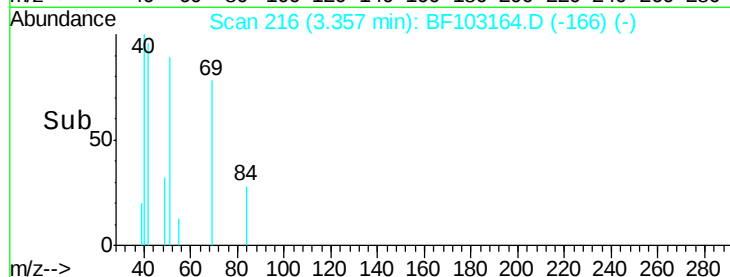
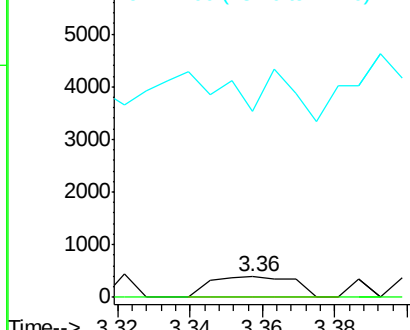
42 100

74 0.0 104.9 157.3#

44 919.7 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1



#5

2-Fluorophenol

Concen: 44.340 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

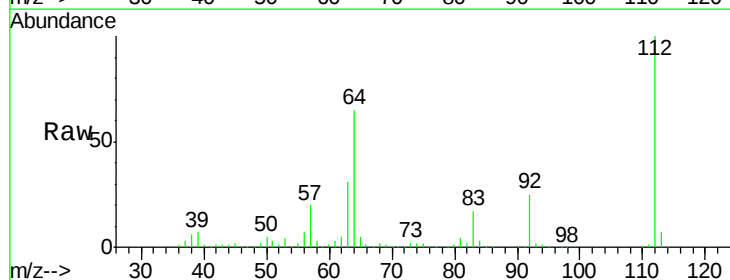
Tgt Ion: 112 Resp: 518617

Ion Ratio Lower Upper

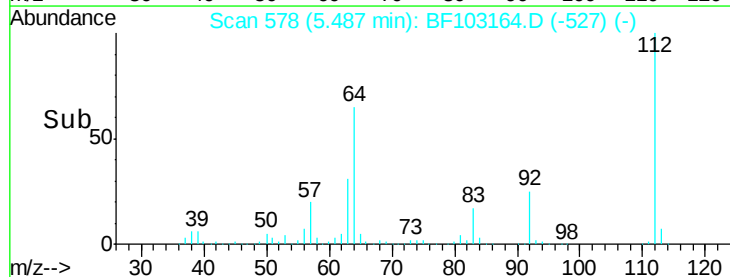
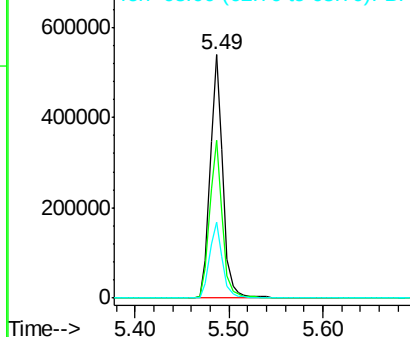
112 100

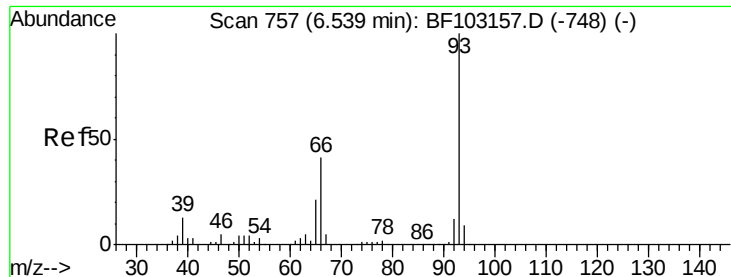
64 65.1 47.9 71.9

63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.049 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.10 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

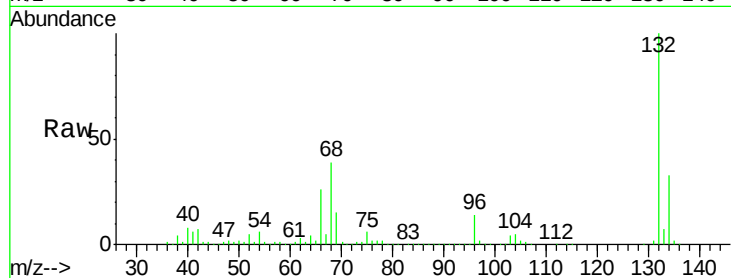
Tot Ion: 93 Resp: 1020

Ion Ratio Lower Upper

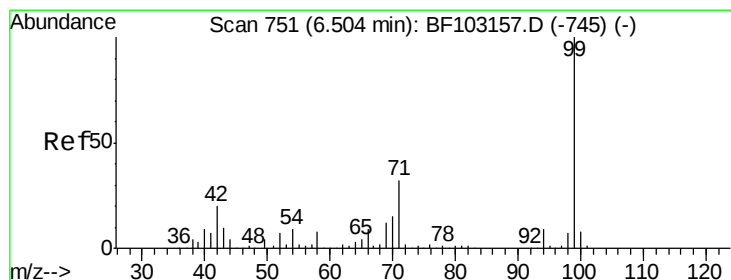
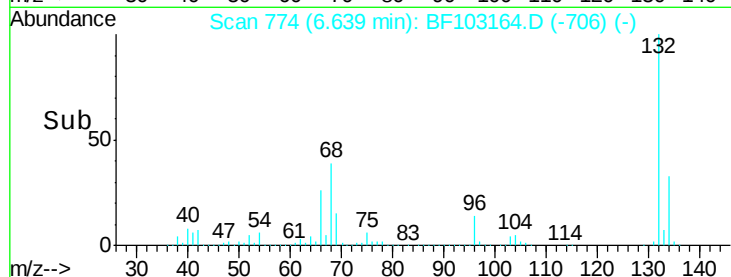
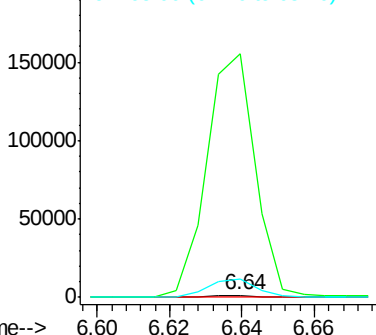
93 100

66 13547.7 32.2 48.2#

65 1044.4 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 43.421 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

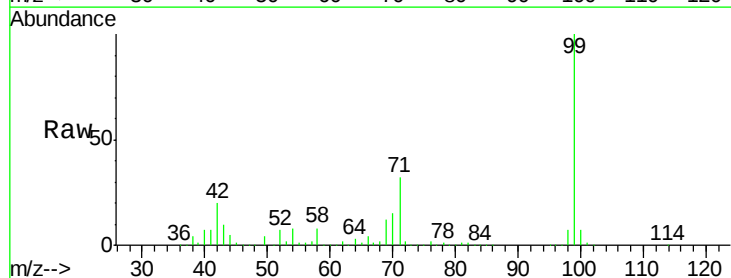
Tgt Ion: 99 Resp: 621466

Ion Ratio Lower Upper

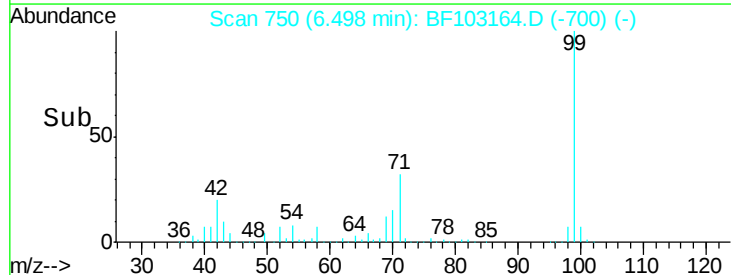
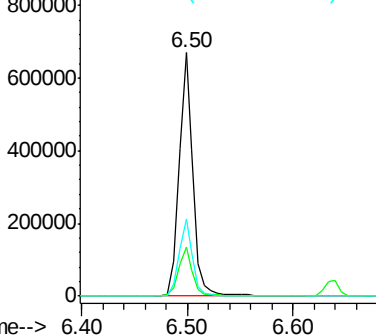
99 100

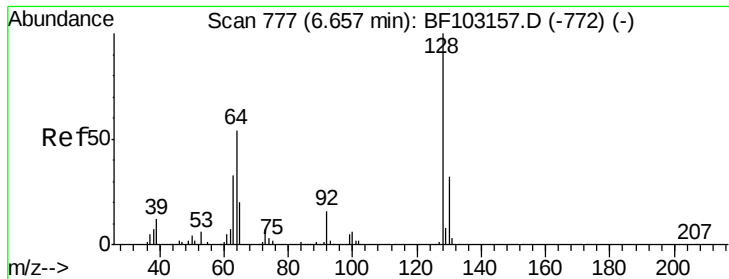
42 20.0 14.5 21.7

71 31.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.019 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

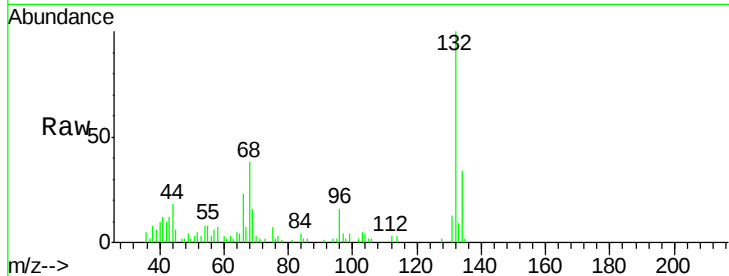
Instrument :

BNA\_F

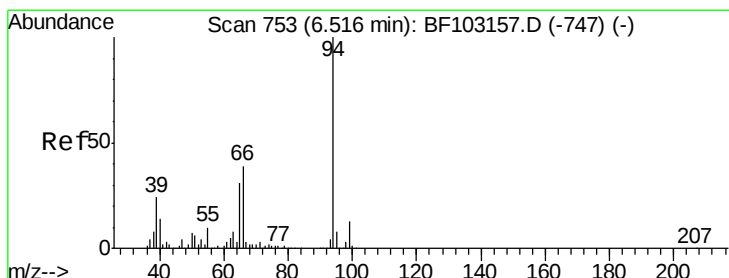
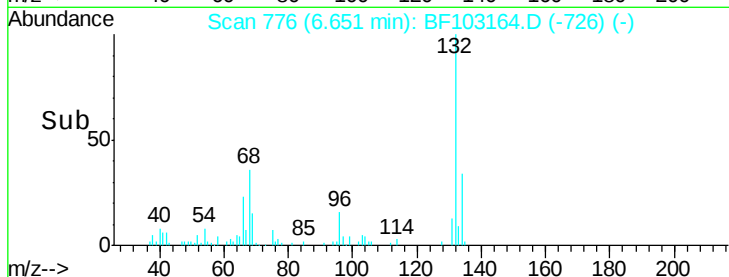
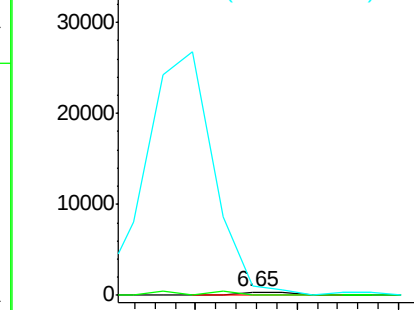
ClientSampleId :

HD-01-022118

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 234   |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 0.0   | 13.0  | 53.0# |
| 64       | 313.1 | 29.4  | 69.4# |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1



#10

Phenol

Concen: 0.204 ng

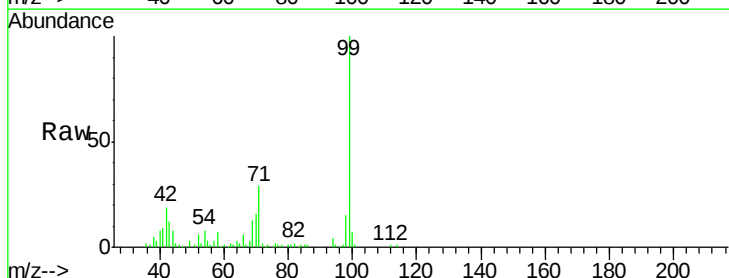
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

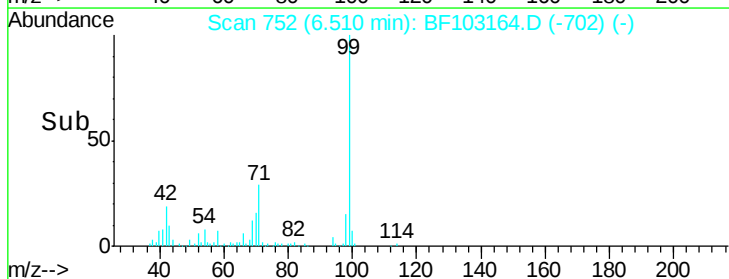
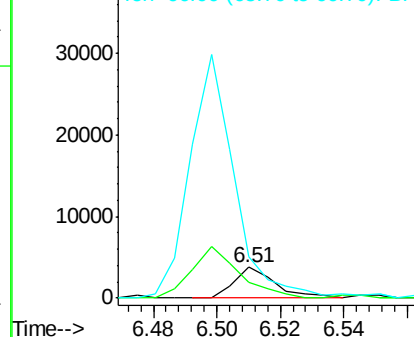
Lab File: BF103164.D

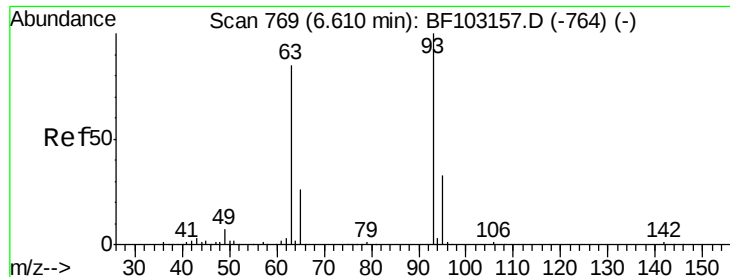
Acq: 22 Feb 2018 16:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 3386  |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 53.4  | 7.9   | 47.9# |
| 66       | 137.3 | 16.2  | 56.2# |



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.081 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.03 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

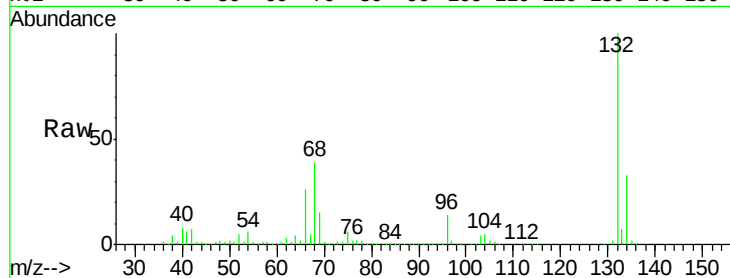
Tot Ion: 93 Resp: 1020

Ion Ratio Lower Upper

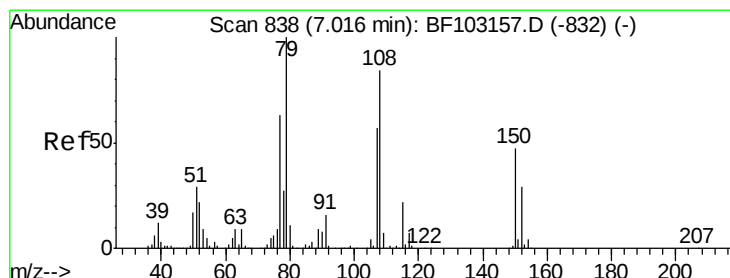
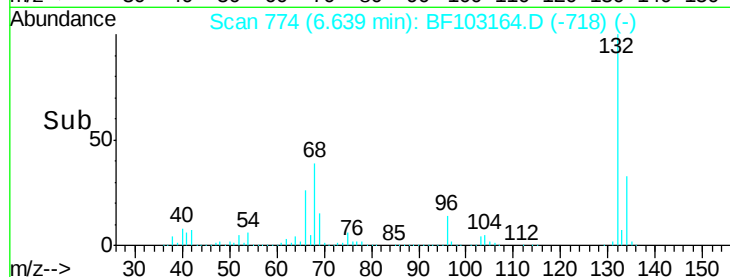
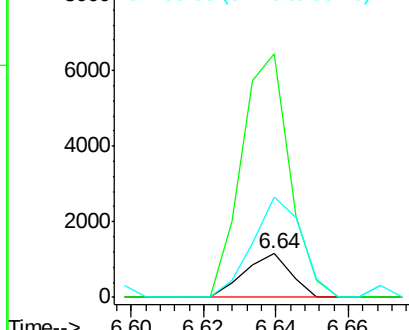
93 100

63 561.3 58.6 98.6#

95 232.0 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1



#15

Benzyl Alcohol

Concen: 0.647 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

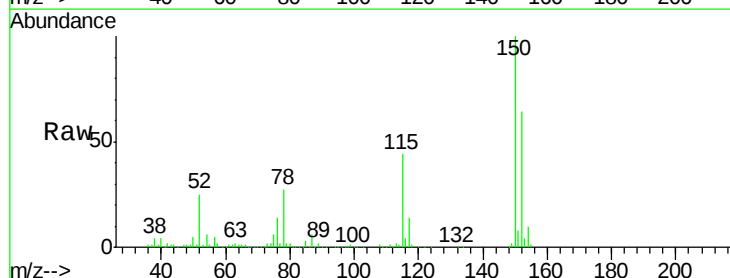
Tgt Ion: 79 Resp: 6982

Ion Ratio Lower Upper

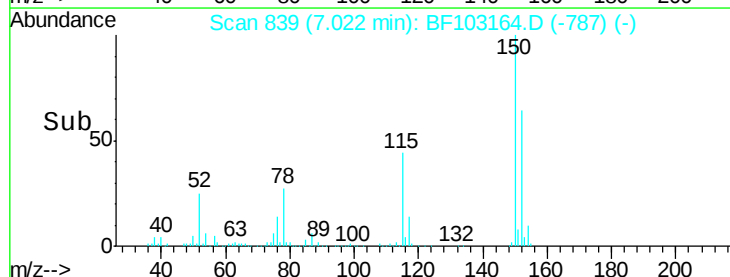
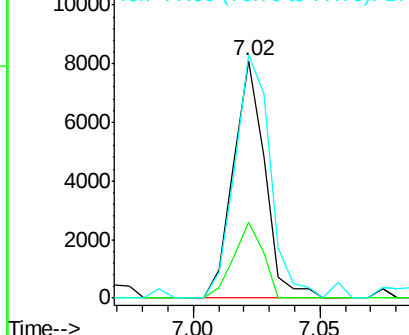
79 100

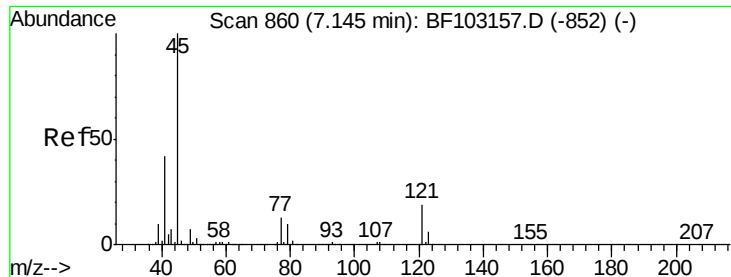
108 32.0 65.1 97.7#

77 102.6 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 108.00 (107.70 to 108.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1

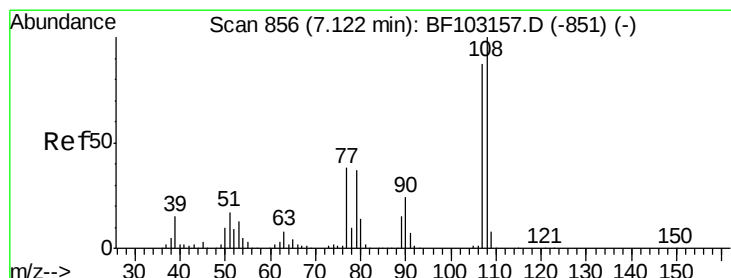
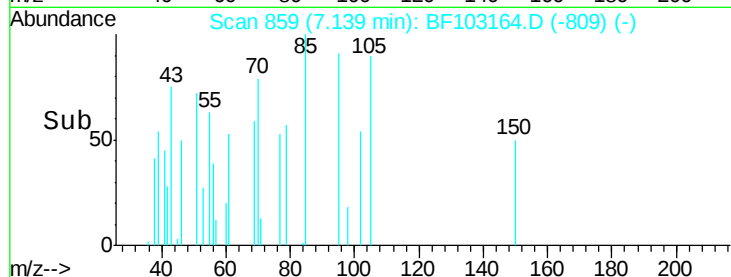
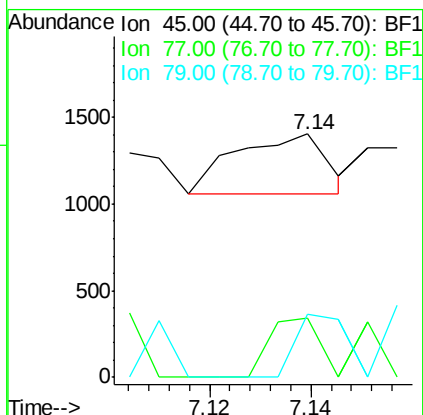
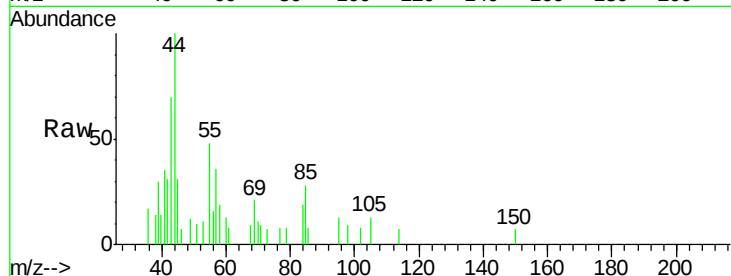




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 0.020 ng  
RT: 7.14 min Scan# 859  
Delta R.T. -0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

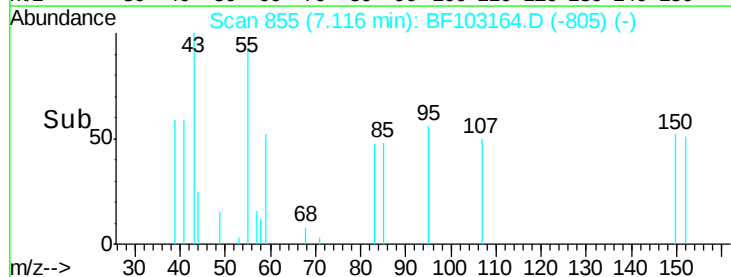
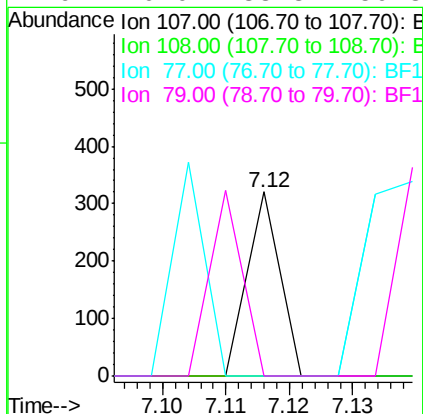
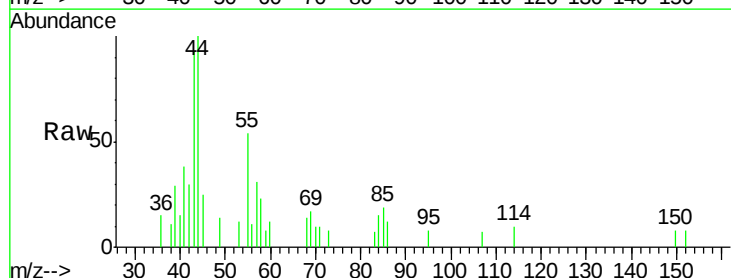
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

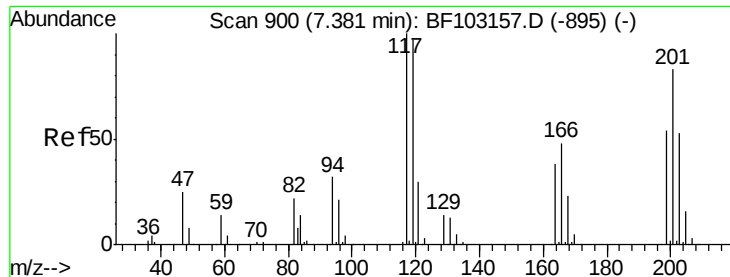
Tot Ion: 45 Resp: 424  
Ion Ratio Lower Upper  
45 100  
77 24.2 0.0 32.9  
79 26.0 0.0 29.6



#17  
2-Methylphenol  
Concen: 0.010 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion: 107 Resp: 113  
Ion Ratio Lower Upper  
107 100  
108 0.0 91.7 137.5#  
77 0.0 33.8 50.8#  
79 0.0 33.8 50.8#

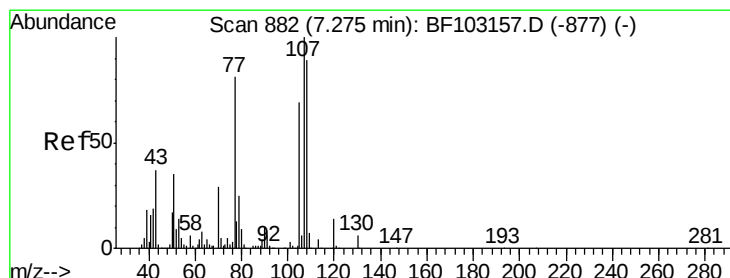
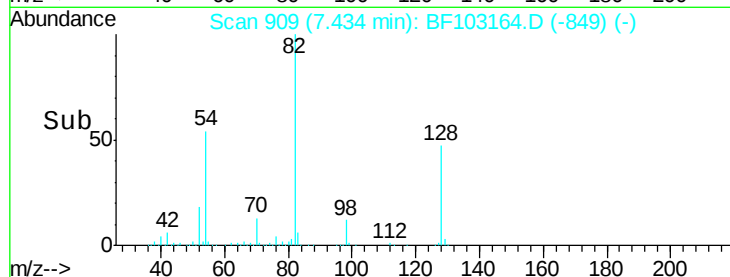
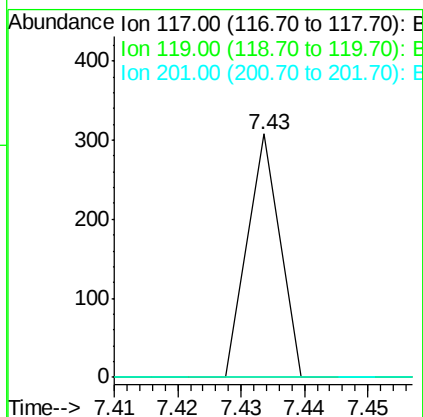
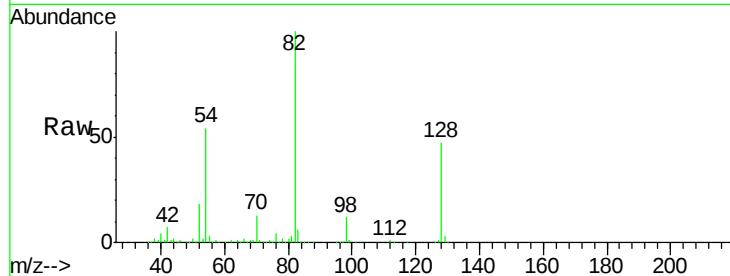




#18  
Hexachloroethane  
Concen: 0.022 ng  
RT: 7.43 min Scan# 909  
Delta R.T. 0.05 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

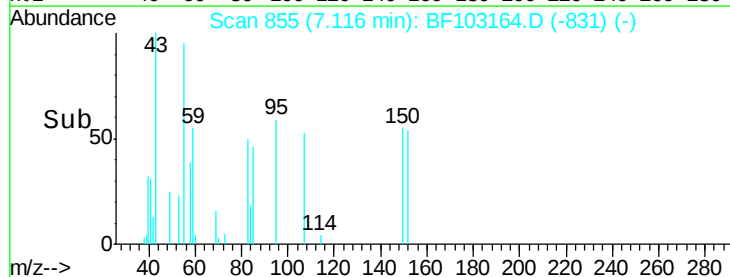
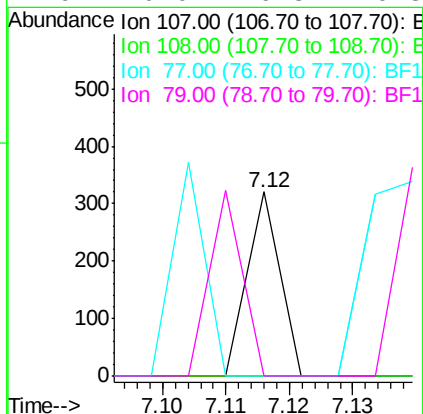
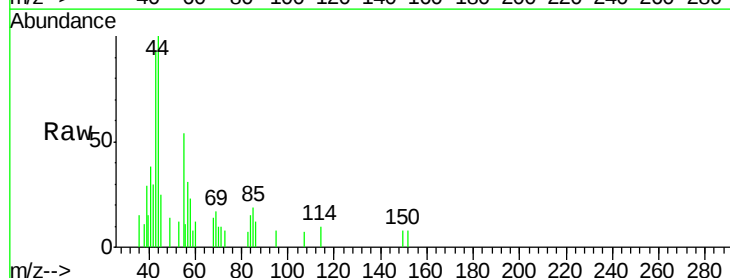
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

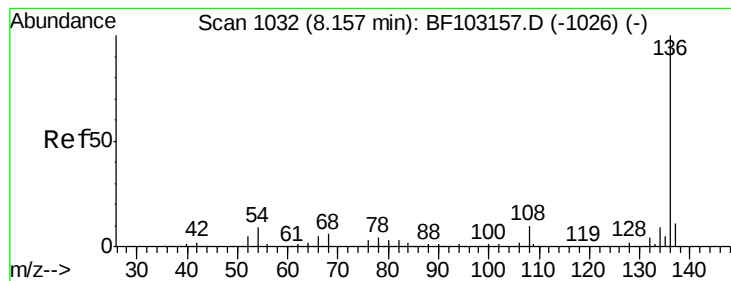
Tot Ion:117 Resp: 109  
Ion Ratio Lower Upper  
117 100  
119 0.0 75.8 113.8#  
201 0.0 75.7 113.5#



#20  
3+4-Methylphenols  
Concen: 0.008 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.16 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion:107 Resp: 113  
Ion Ratio Lower Upper  
107 100  
108 0.0 68.2 108.2#  
77 0.0 26.7 66.7#  
79 0.0 6.3 46.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

Tot Ion:136 Resp: 734357

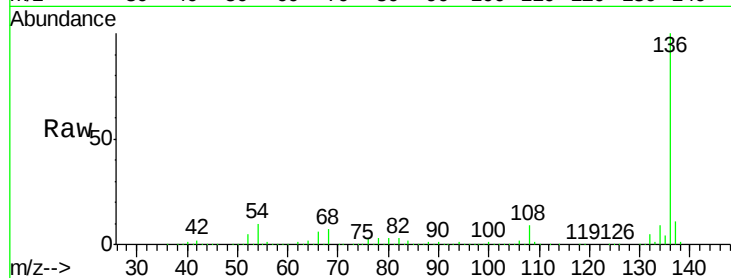
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.6 6.6 9.8

68 6.6 5.0 7.4

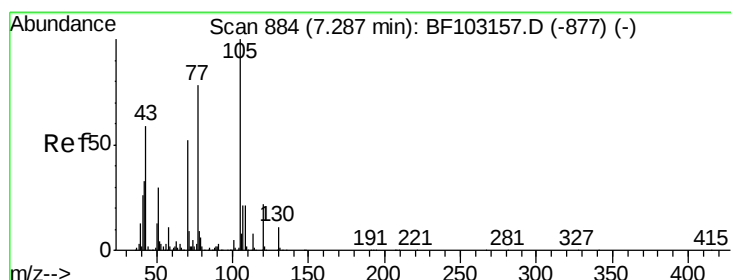
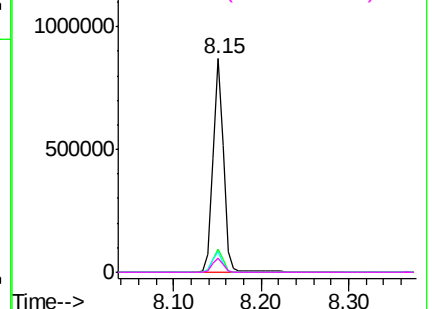
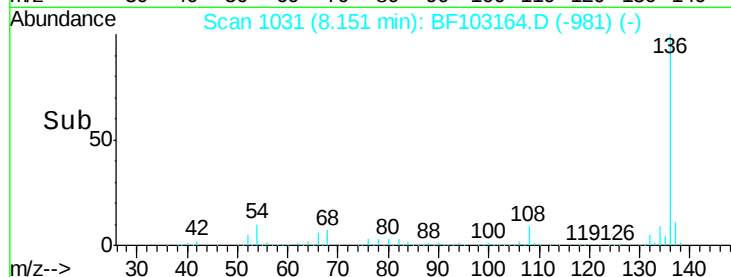


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.007 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.02 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Tgt Ion:105 Resp: 121

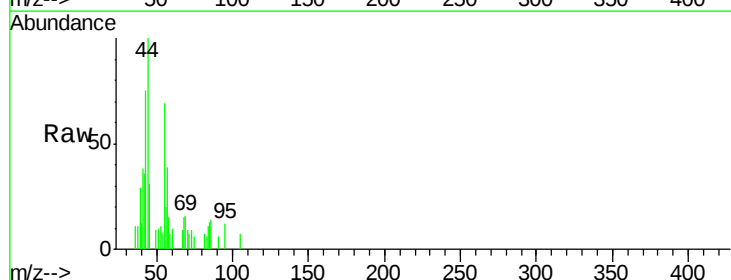
Ion Ratio Lower Upper

105 100

71 108.5 4.4 6.6#

51 144.3 22.3 33.5#

120 0.0 16.9 25.3#

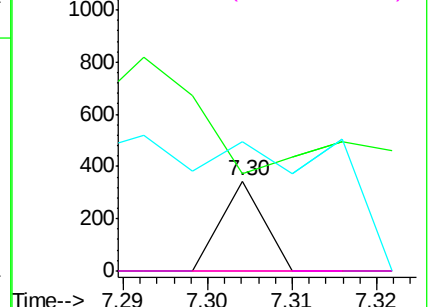
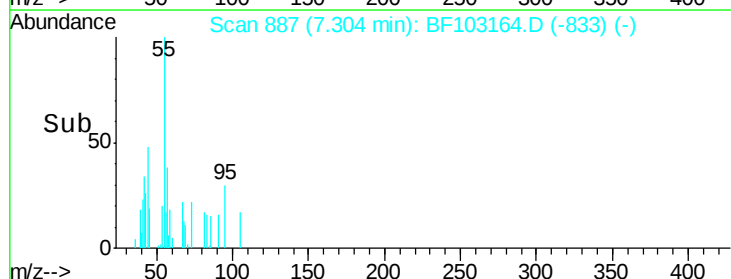


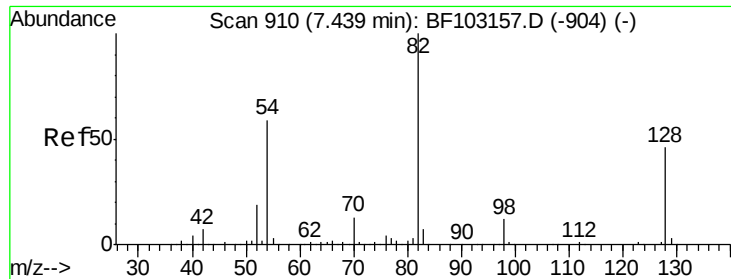
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

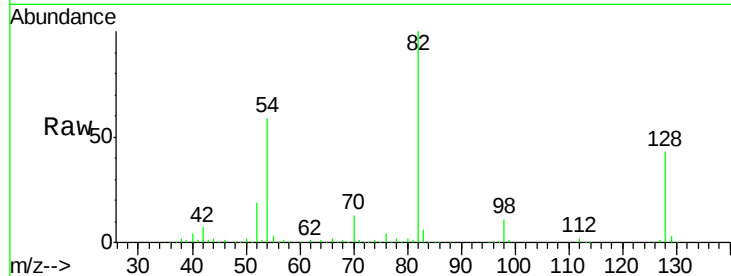




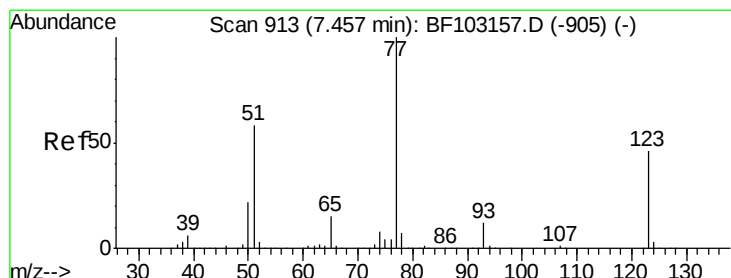
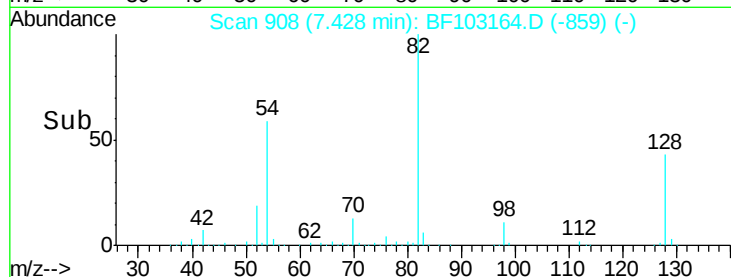
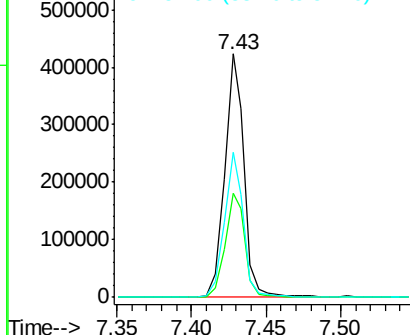
#23  
Nitrobenzene-d5  
Concen: 30.198 ng  
RT: 7.43 min Scan# 908  
Delta R.T. -0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Instrument :  
BNA\_F  
ClientSampled :  
HD-01-022118

Tot Ion: 82 Resp: 388315  
Ion Ratio Lower Upper  
82 100  
128 42.9 36.1 54.1  
54 59.5 41.4 62.2

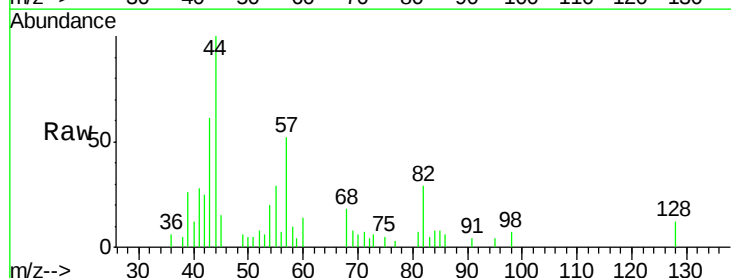


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

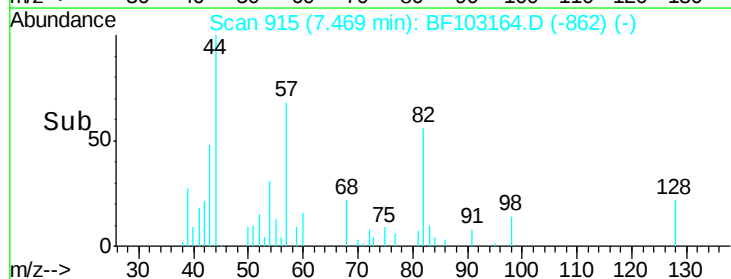
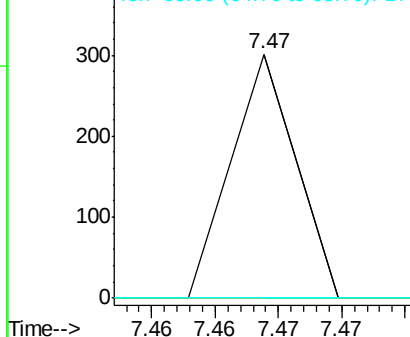


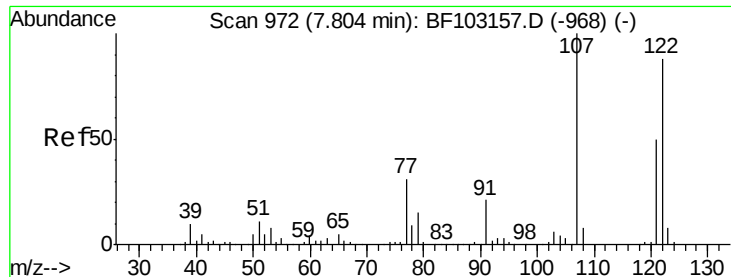
#24  
Nitrobenzene  
Concen: 0.007 ng  
RT: 7.47 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion: 77 Resp: 106  
Ion Ratio Lower Upper  
77 100  
123 0.0 37.9 56.9#  
65 0.0 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1

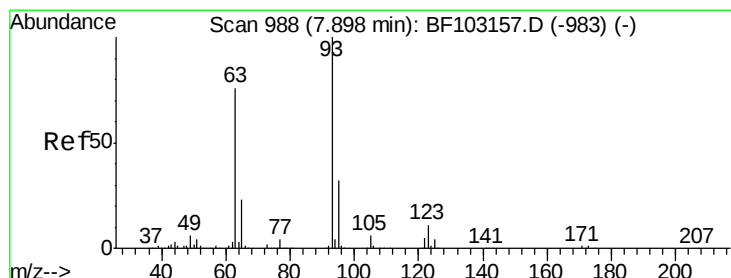
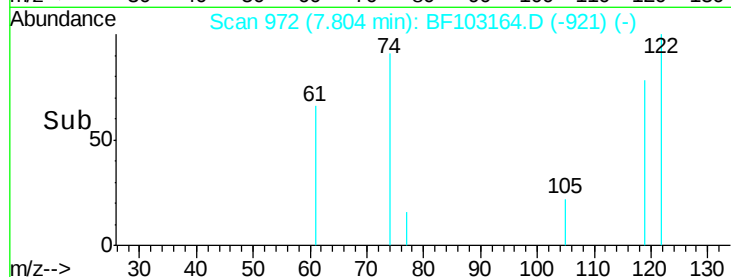
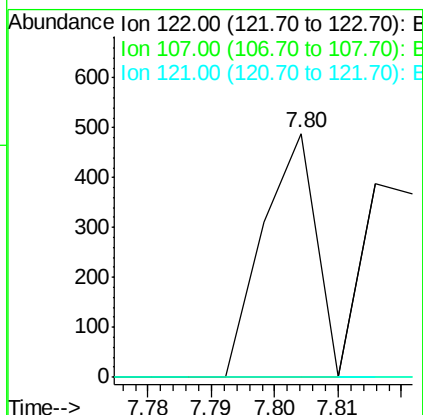
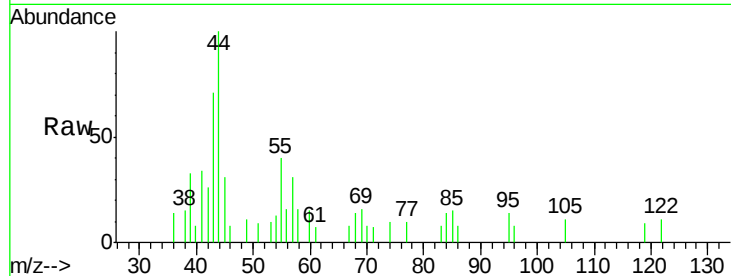




#27  
 2,4-Dimethylphenol  
 Concen: 0.028 ng  
 RT: 7.80 min Scan# 972  
 Delta R.T. -0.00 min  
 Lab File: BF103164.D  
 Acq: 22 Feb 2018 16:10

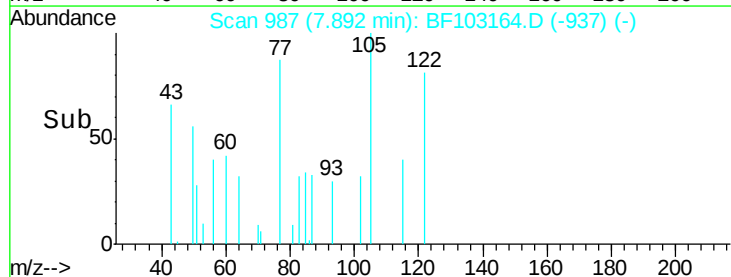
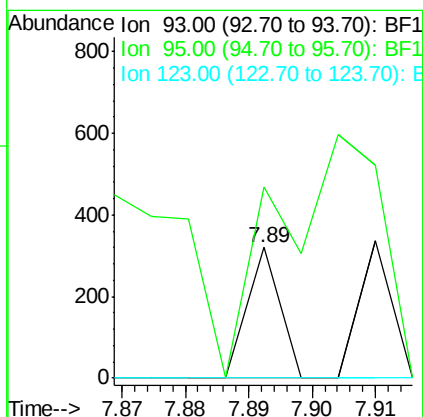
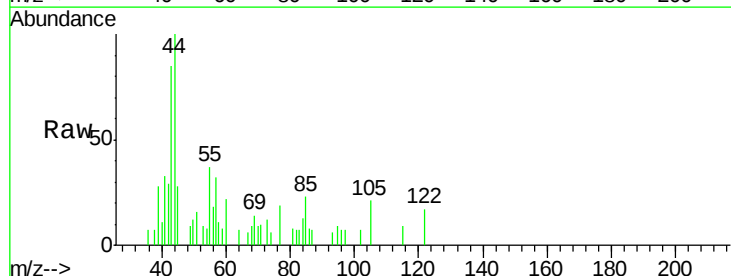
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022118

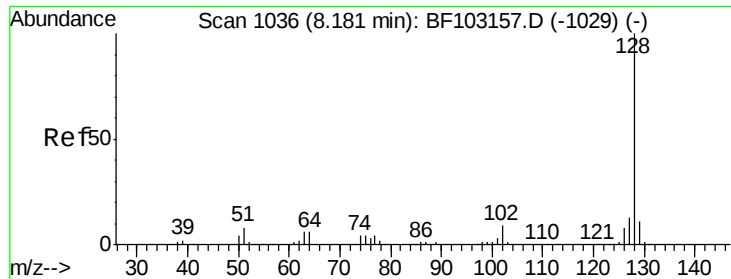
Tot Ion:122 Resp: 282  
 Ion Ratio Lower Upper  
 122 100  
 107 0.0 91.2 136.8#  
 121 0.0 47.2 70.8#



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 0.008 ng  
 RT: 7.89 min Scan# 987  
 Delta R.T. -0.01 min  
 Lab File: BF103164.D  
 Acq: 22 Feb 2018 16:10

Tgt Ion: 93 Resp: 113  
 Ion Ratio Lower Upper  
 93 100  
 95 146.1 26.3 39.5#  
 123 0.0 9.8 14.6#





#31

Naphthalene

Concen: 0.044 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

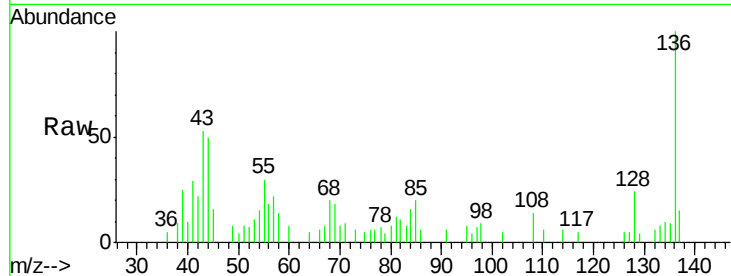
Tot Ion:128 Resp: 1567

Ion Ratio Lower Upper

128 100

129 19.0 8.8 13.2#

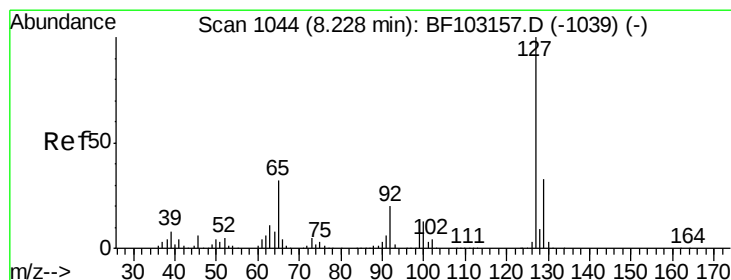
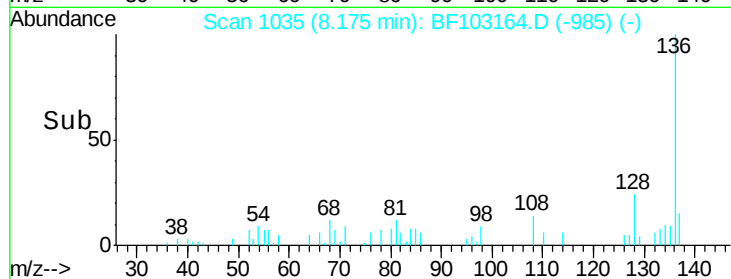
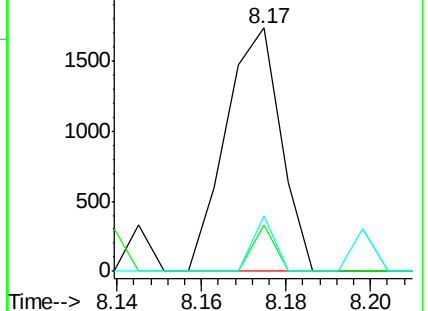
127 22.7 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 0.007 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Tgt Ion:127 Resp: 109

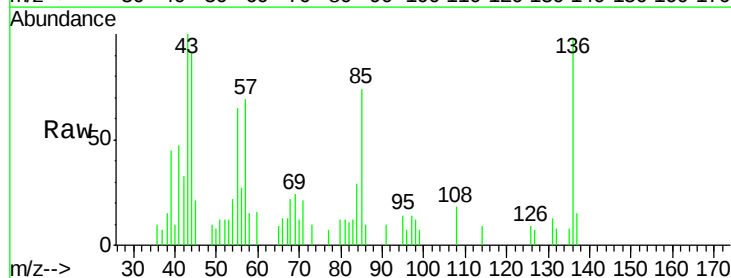
Ion Ratio Lower Upper

127 100

129 0.0 25.9 38.9#

65 137.9 25.0 37.4#

92 0.0 15.2 22.8#

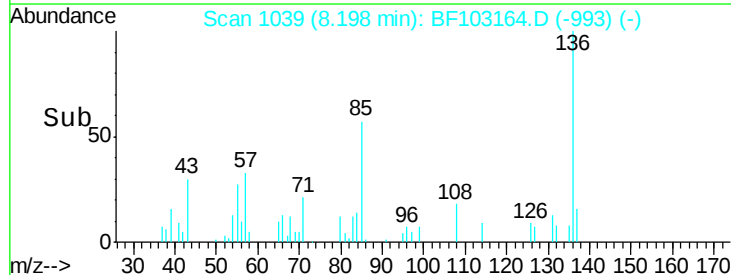
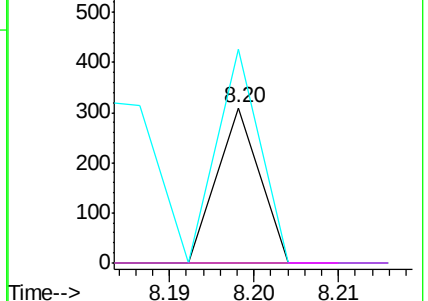


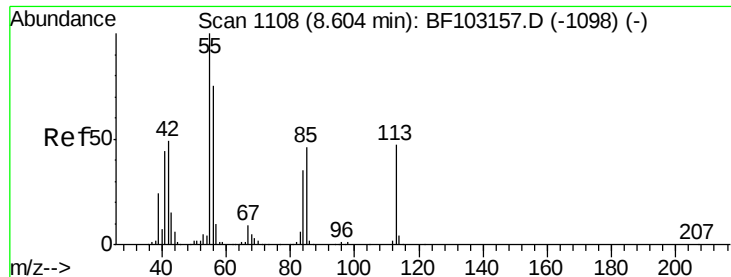
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 0.070 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

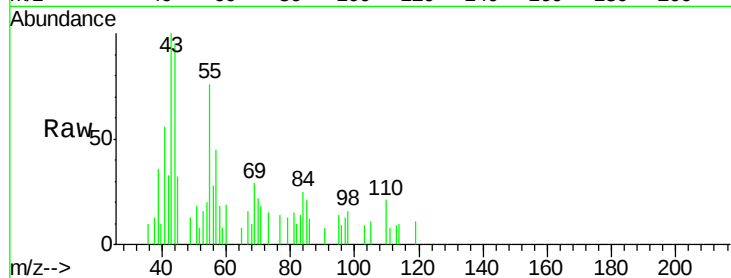
Tot Ion:113 Resp: 239

Ion Ratio Lower Upper

113 100

55 884.6 163.3 203.3#

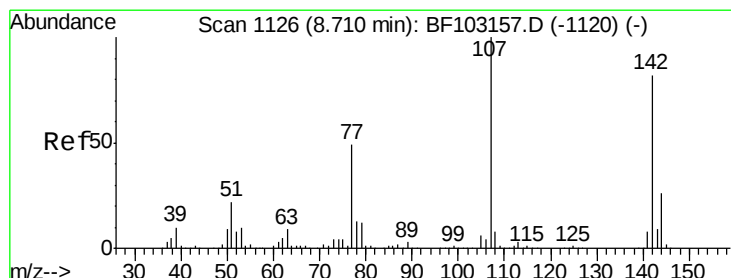
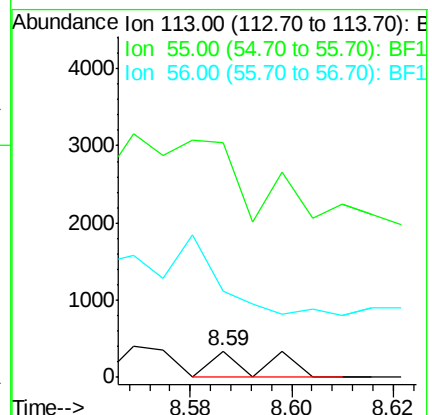
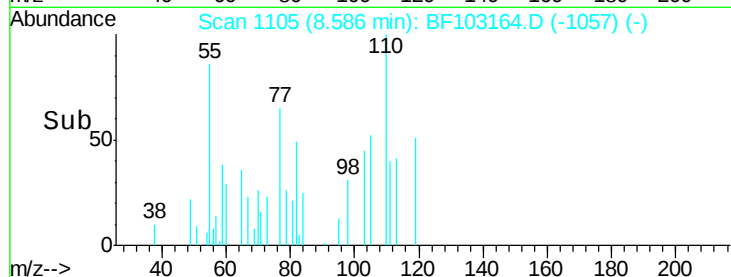
56 324.7 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.012 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

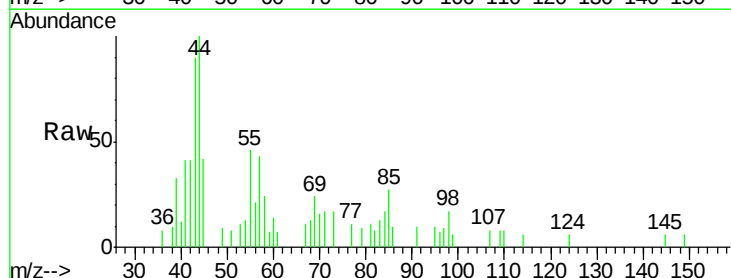
Tgt Ion:107 Resp: 132

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

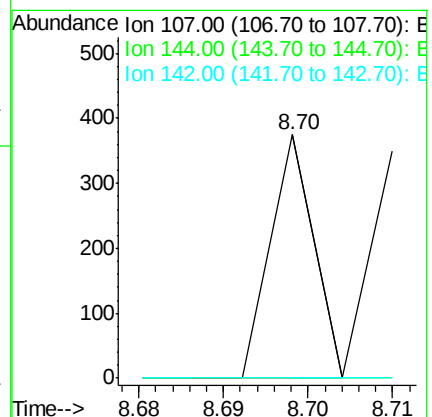
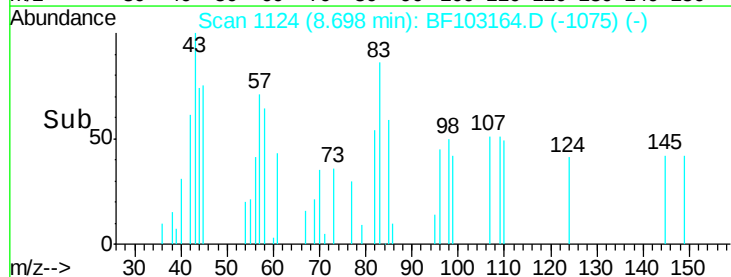
142 0.0 62.0 93.0#

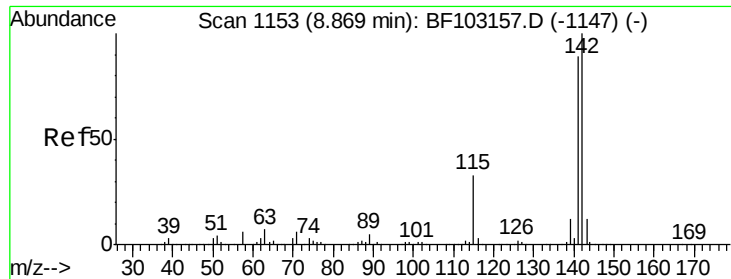


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

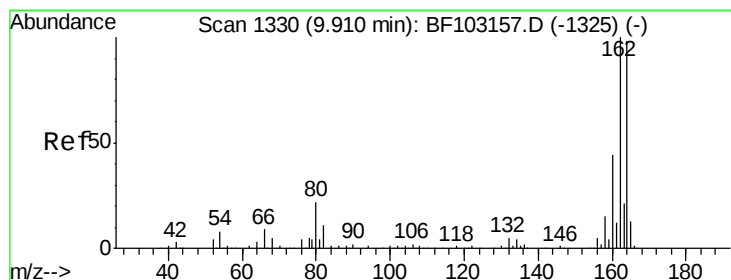
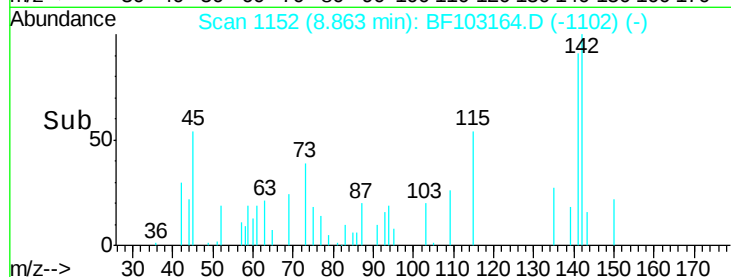
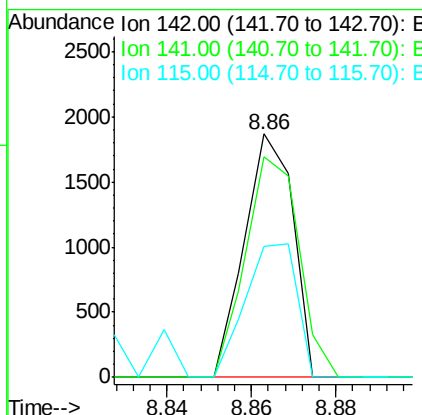
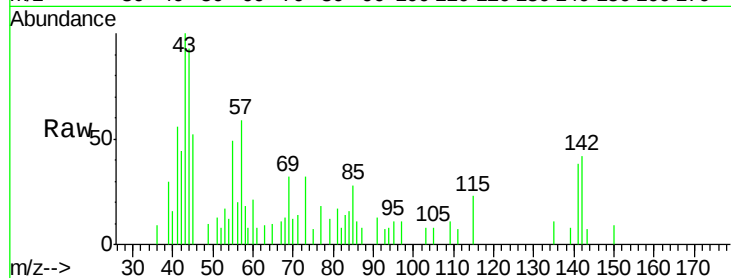




#37  
2-Methylnaphthalene  
Concen: 0.064 ng  
RT: 8.86 min Scan# 1152  
Delta R.T. -0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

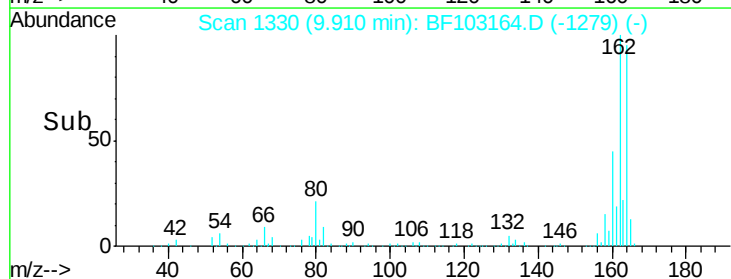
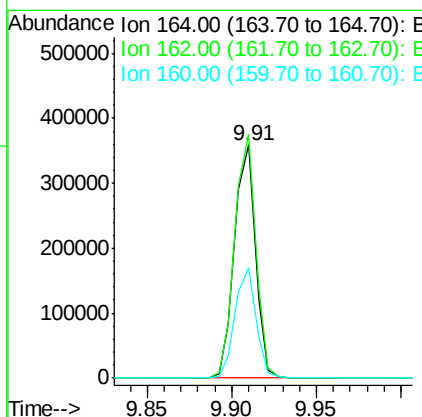
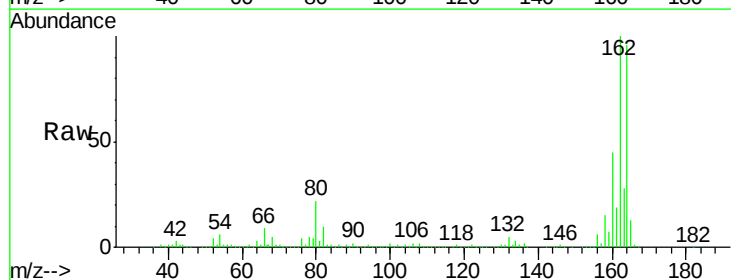
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

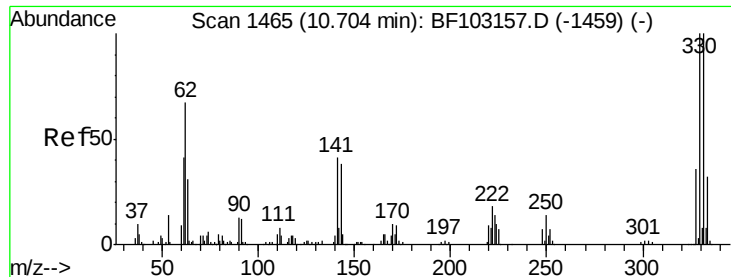
Tot Ion:142 Resp: 1495  
Ion Ratio Lower Upper  
142 100  
141 90.6 70.8 106.2  
115 53.8 26.1 39.1#



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion:164 Resp: 311227  
Ion Ratio Lower Upper  
164 100  
162 104.4 86.1 129.1  
160 47.4 38.3 57.5

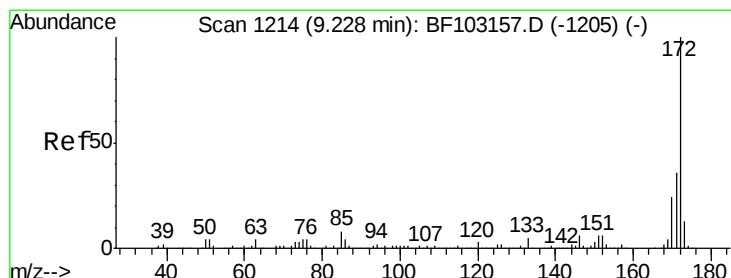
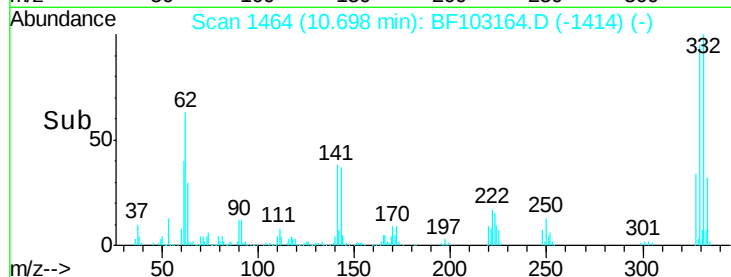
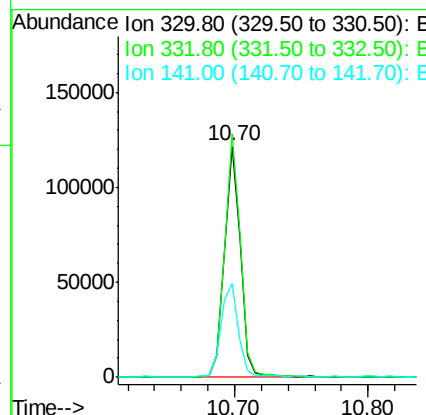
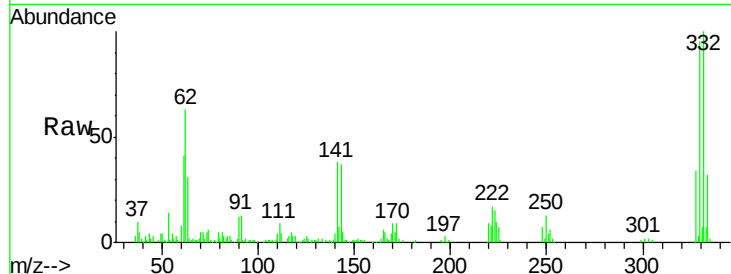




#41  
 2,4,6-Tribromophenol  
 Concen: 39.506 ng  
 RT: 10.70 min Scan# 1464  
 Delta R.T. -0.01 min  
 Lab File: BF103164.D  
 Acq: 22 Feb 2018 16:10

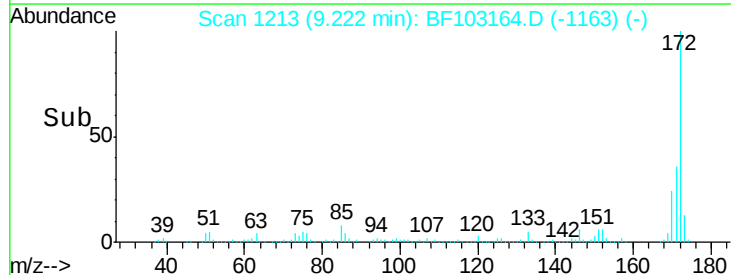
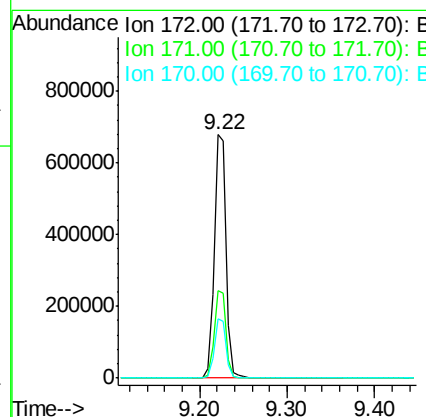
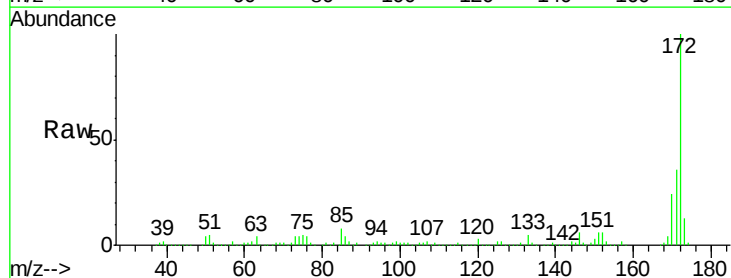
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022118

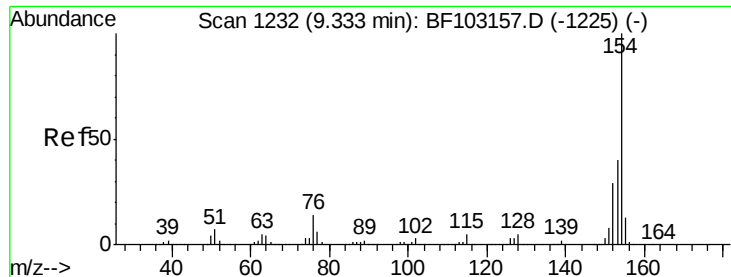
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 103.8 | 77.0  | 115.6 |
| 141     | 43.9  | 29.9  | 44.9  |



#44  
 2-Fluorobiphenyl  
 Concen: 29.164 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.01 min  
 Lab File: BF103164.D  
 Acq: 22 Feb 2018 16:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 29.7  | 44.5  |
| 170     | 24.2  | 19.6  | 29.4  |





#45

1,1'-Biphenyl

Concen: 0.101 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

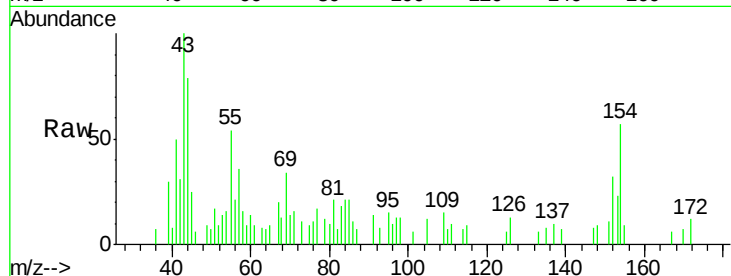
Tot Ion:154 Resp: 2625

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

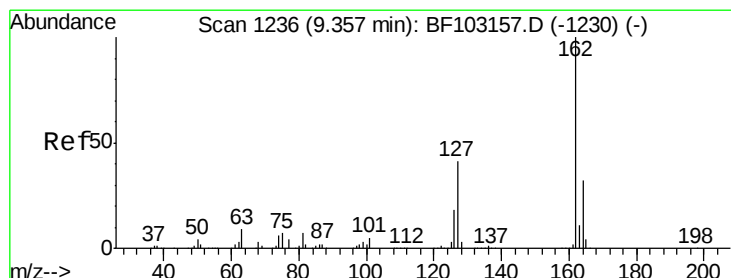
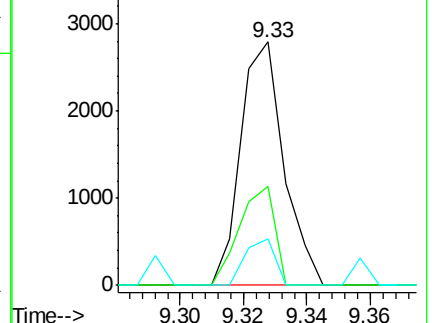
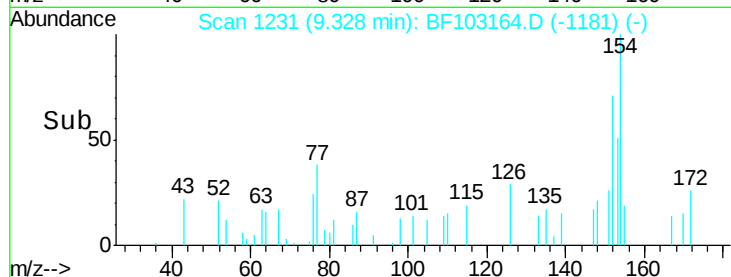
76 19.2 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 0.005 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.08 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

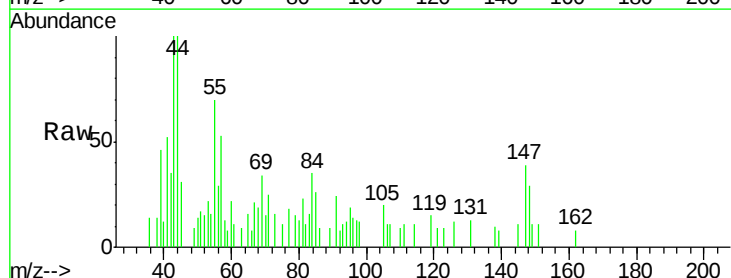
Tgt Ion:162 Resp: 106

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

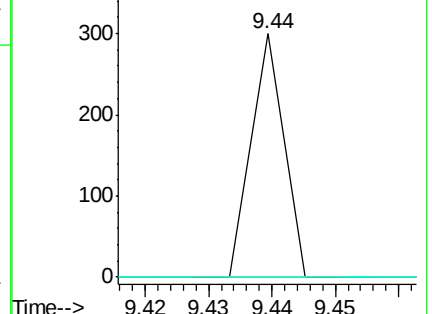
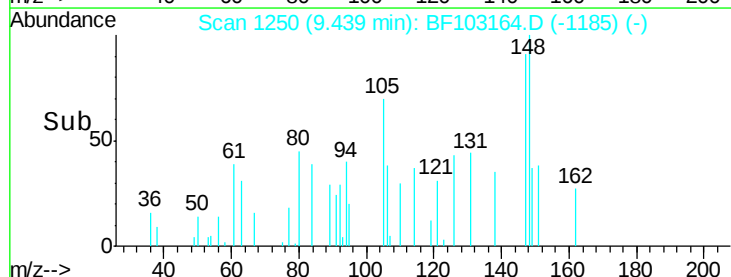
164 0.0 26.5 39.7#

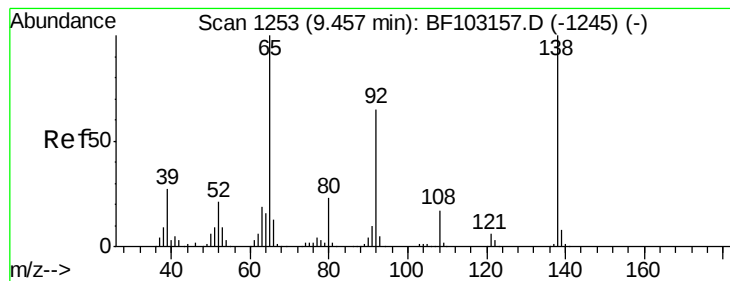


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.211 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.03 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

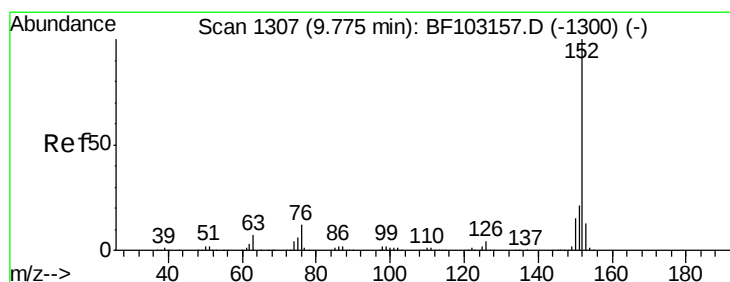
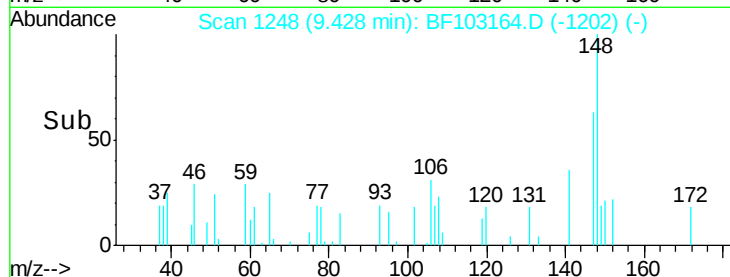
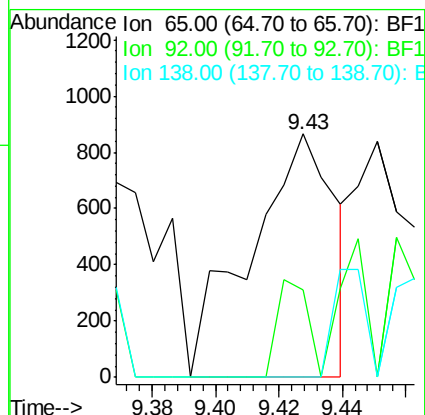
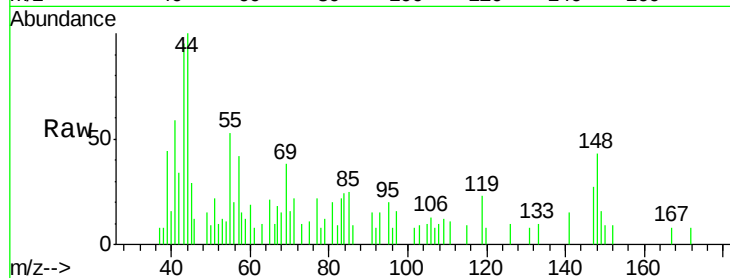
Tot Ion: 65 Resp: 1609

Ion Ratio Lower Upper

65 100

92 35.9 55.8 83.6#

138 0.0 91.2 136.8#



#48

Acenaphthylene

Concen: 0.050 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

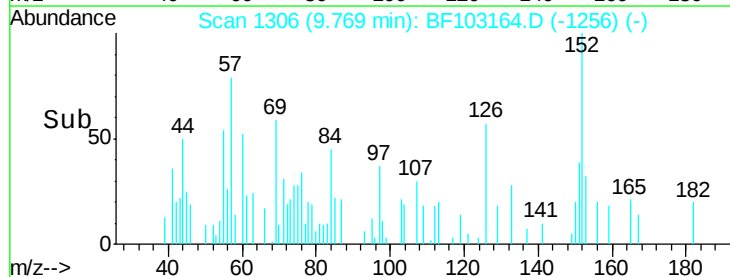
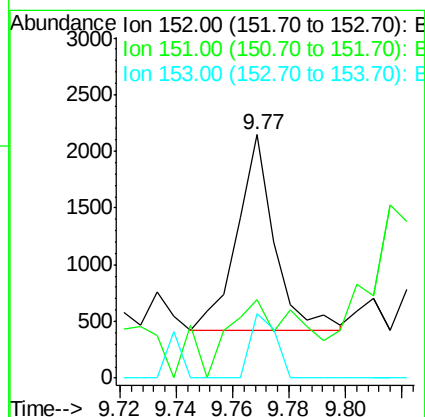
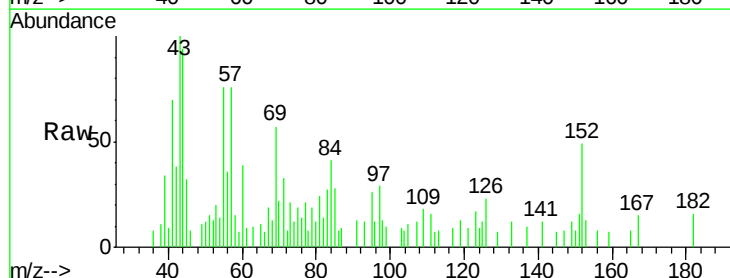
Tgt Ion: 152 Resp: 1595

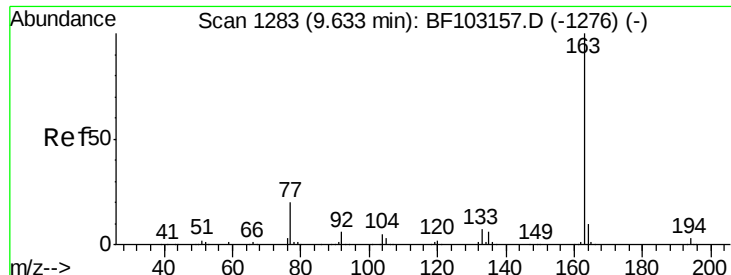
Ion Ratio Lower Upper

152 100

151 32.4 16.3 24.5#

153 26.3 10.7 16.1#

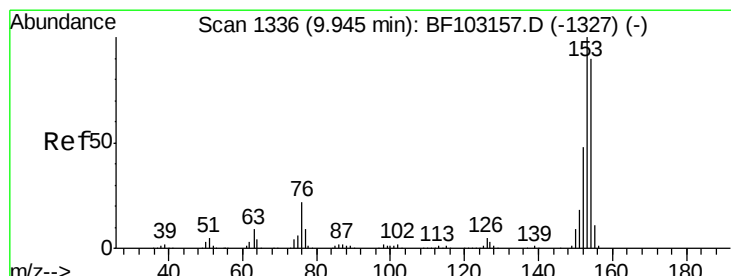
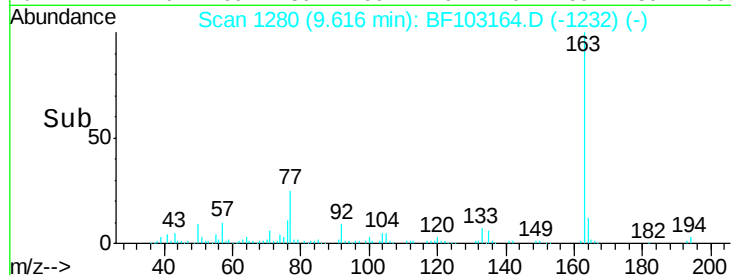
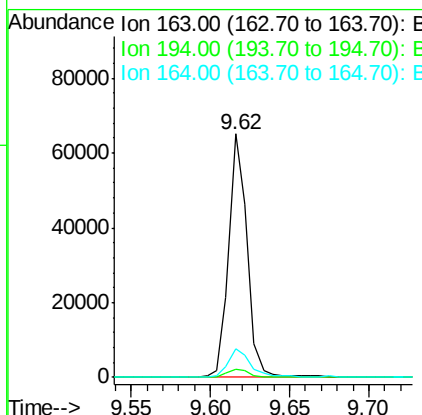
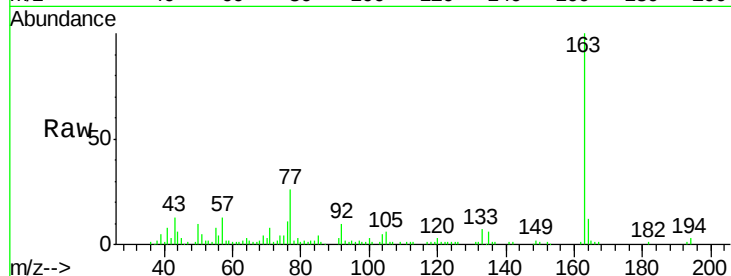




#49  
Dimethylphthalate  
Concen: 2.104 ng  
RT: 9.62 min Scan# 1280  
Delta R.T. -0.02 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

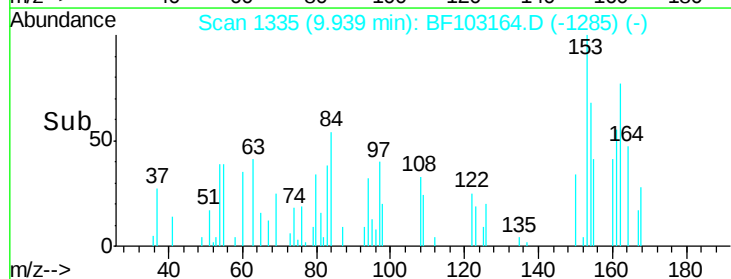
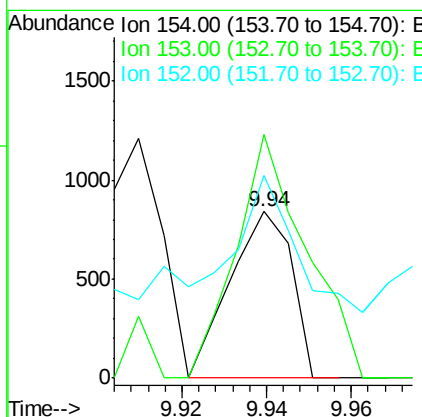
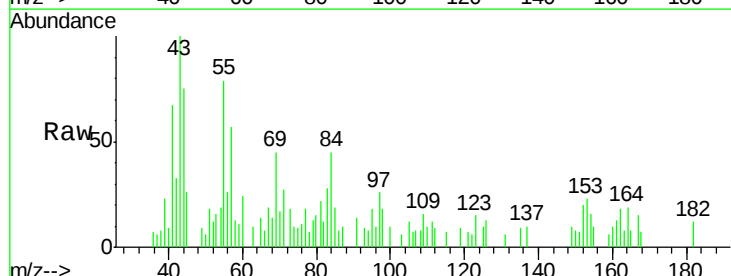
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

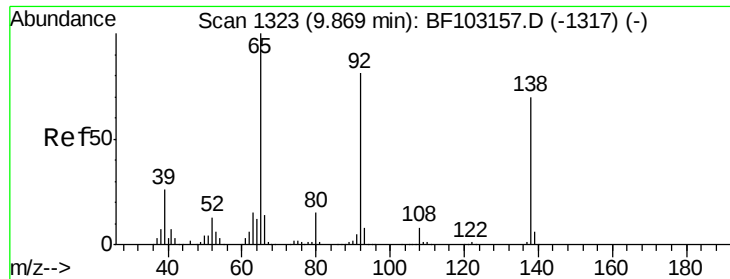
Tot Ion:163 Resp: 52541  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.7 4.1  
164 12.0 8.2 12.2



#51  
Acenaphthene  
Concen: 0.046 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion:154 Resp: 851  
Ion Ratio Lower Upper  
154 100  
153 146.5 91.2 136.8#  
152 121.8 43.8 65.8#





#52

3-Nitroaniline

Concen: 0.029 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

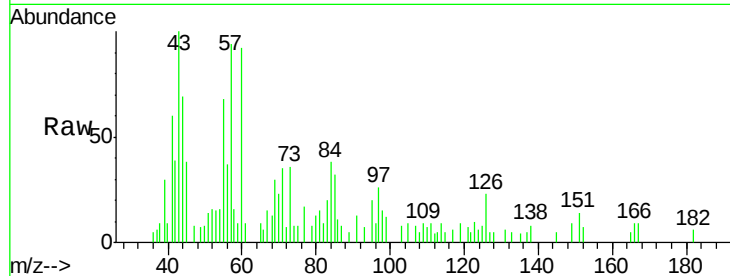
Tot Ion:138 Resp: 191

Ion Ratio Lower Upper

138 100

108 66.7 9.4 14.0#

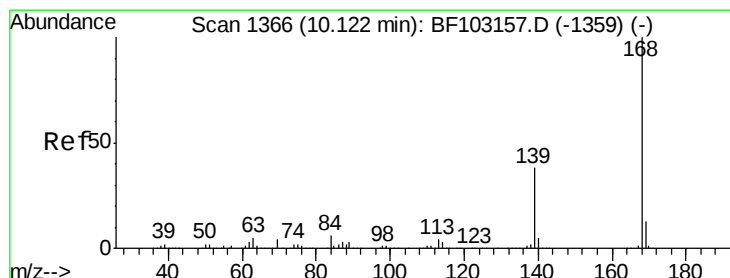
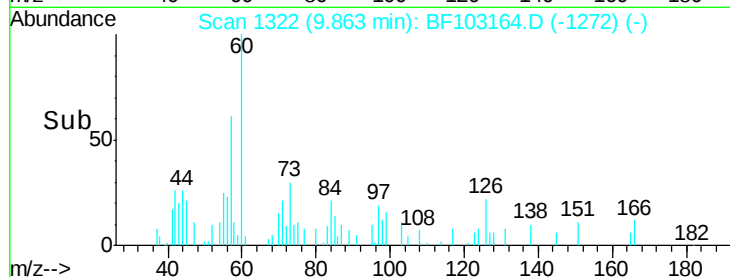
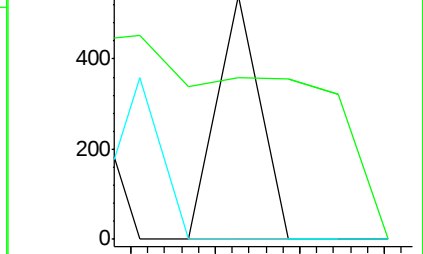
92 0.0 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

Dibenzofuran

Concen: 0.071 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

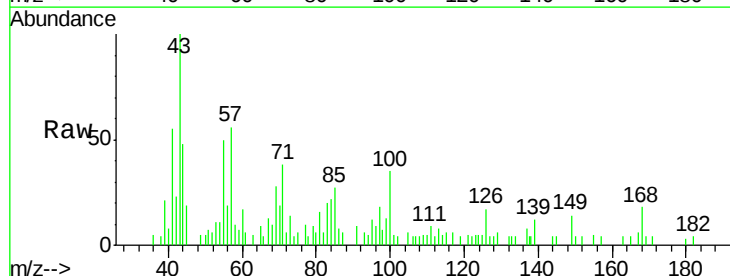
Tgt Ion:168 Resp: 1793

Ion Ratio Lower Upper

168 100

139 64.8 30.1 45.1#

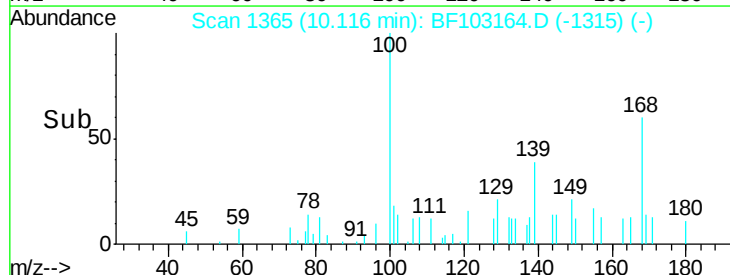
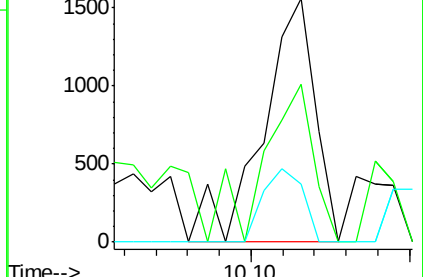
169 23.9 10.9 16.3#

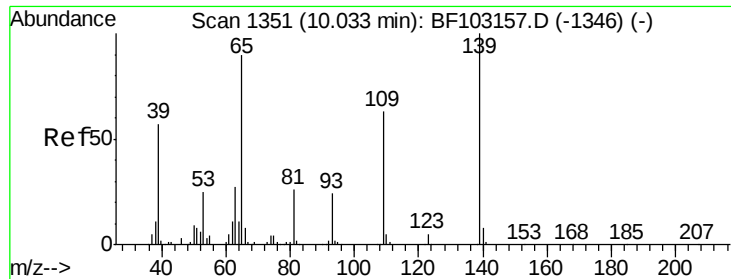


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

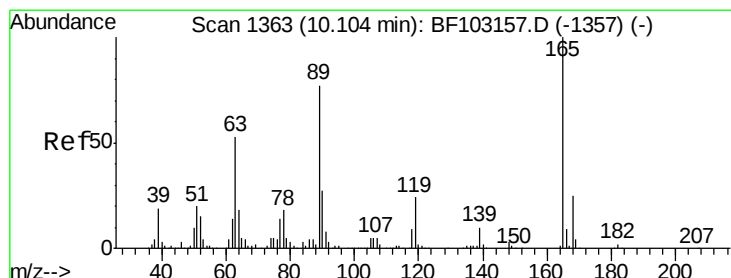
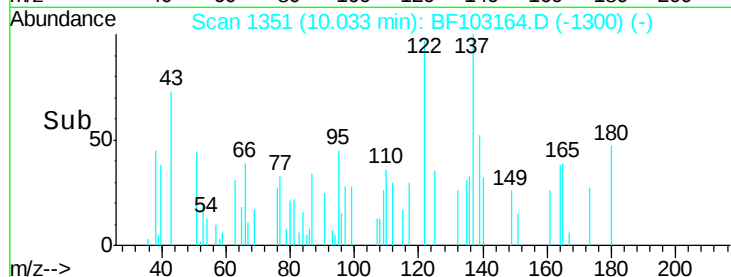
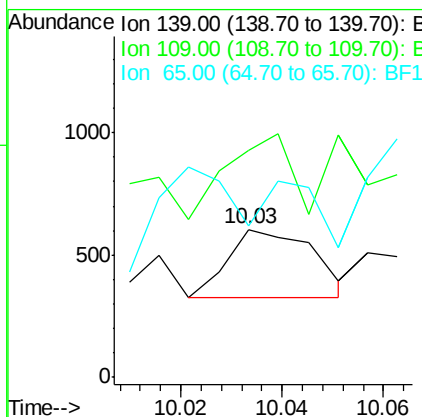
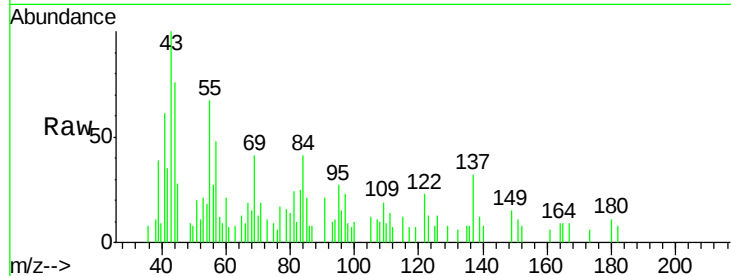




#55  
4-Nitrophenol  
Concen: 0.079 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. -0.00 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

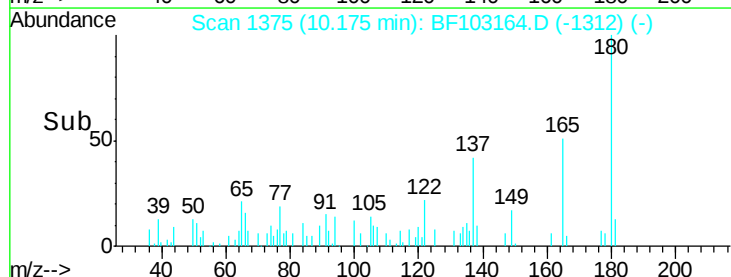
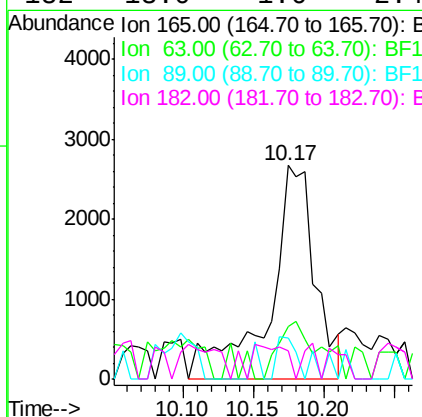
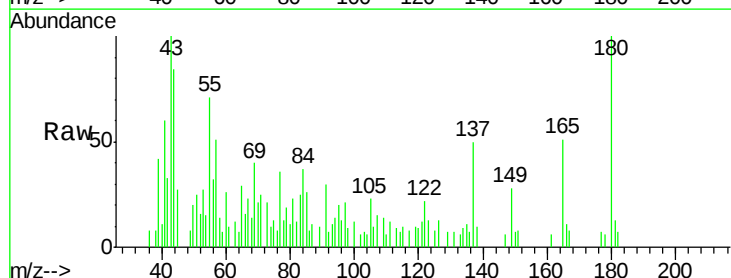
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

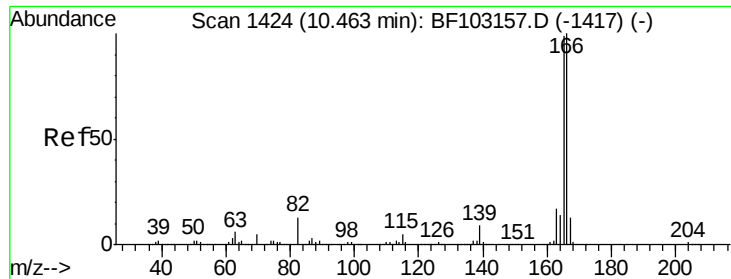
Tot Ion:139 Resp: 324  
Ion Ratio Lower Upper  
139 100  
109 153.3 48.4 88.4#  
65 102.2 72.6 112.6



#56  
2,4-Dinitrotoluene  
Concen: 0.914 ng  
RT: 10.17 min Scan# 1375  
Delta R.T. 0.07 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion:165 Resp: 6057  
Ion Ratio Lower Upper  
165 100  
63 24.5 36.4 54.6#  
89 19.4 57.8 86.6#  
182 13.0 1.6 2.4#

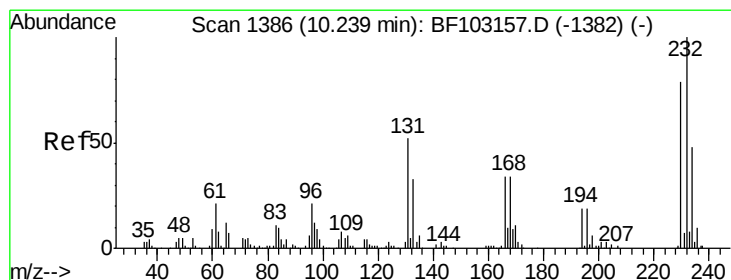
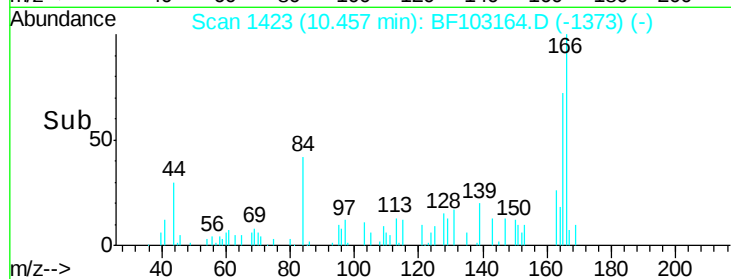
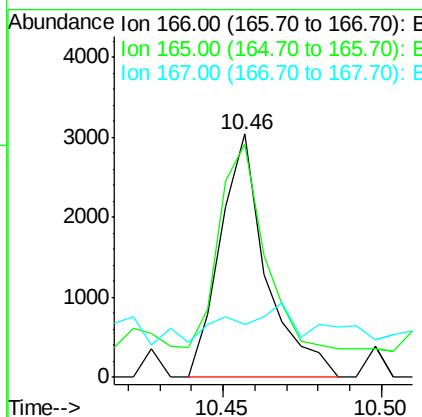
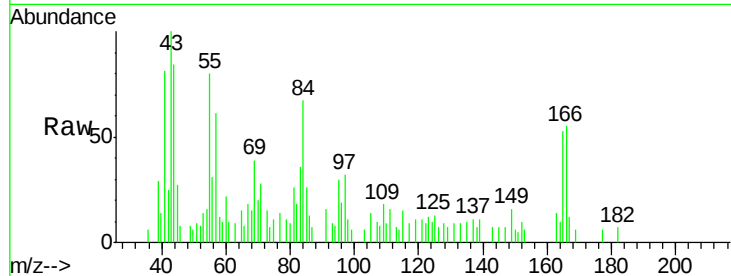




#57  
**Fluorene**  
 Concen: 0.141 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. -0.01 min  
 Lab File: BF103164.D  
 Acq: 22 Feb 2018 16:10

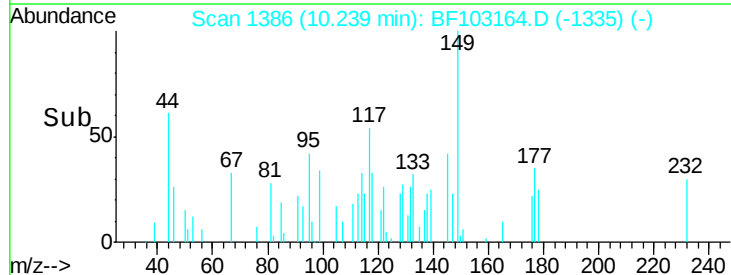
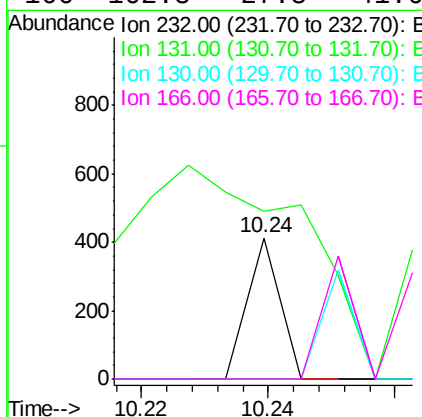
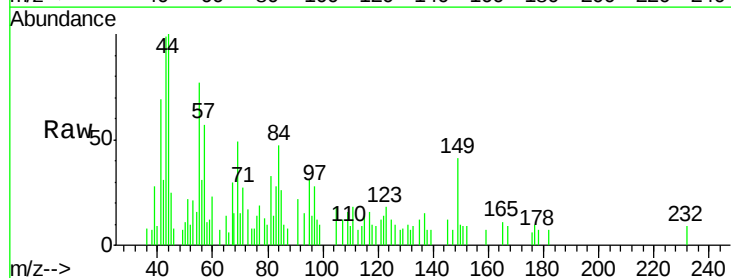
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022118

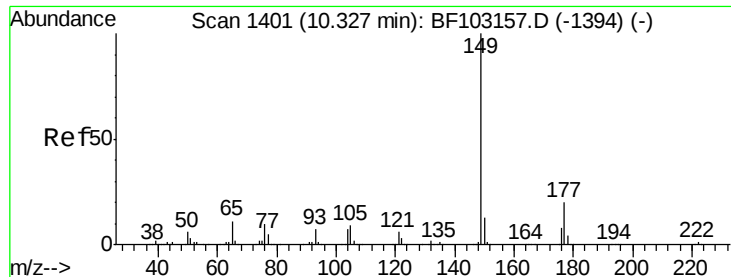
Tot Ion:166 Resp: 3045  
 Ion Ratio Lower Upper  
 166 100  
 165 95.9 79.8 119.8  
 167 21.7 10.6 16.0#



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 0.033 ng  
 RT: 10.24 min Scan# 1386  
 Delta R.T. -0.00 min  
 Lab File: BF103164.D  
 Acq: 22 Feb 2018 16:10

Tgt Ion:232 Resp: 145  
 Ion Ratio Lower Upper  
 232 100  
 131 0.0 43.8 65.8#  
 130 77.2 2.1 3.1#  
 166 162.8 27.8 41.6#

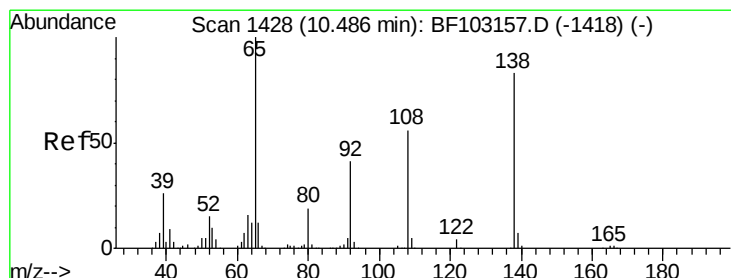
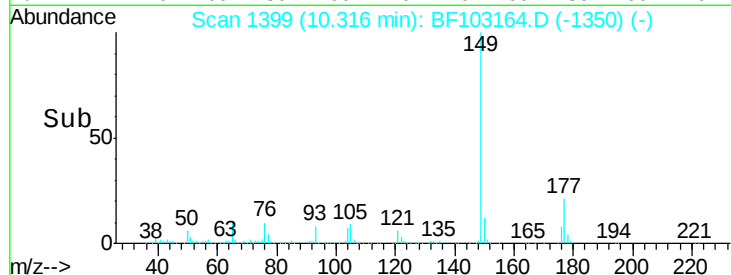
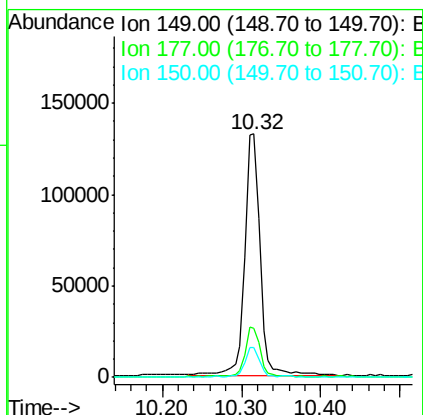
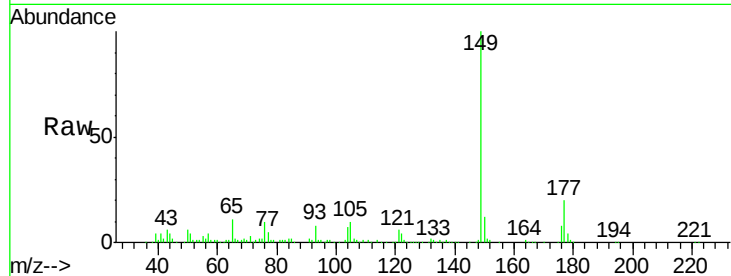




#59  
Diethylphthalate  
Concen: 7.570 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. -0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

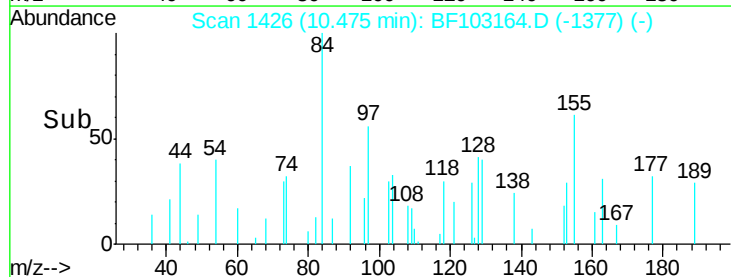
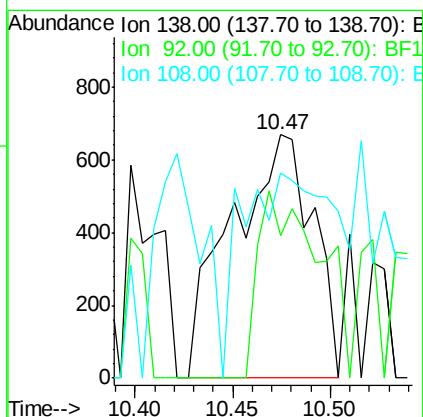
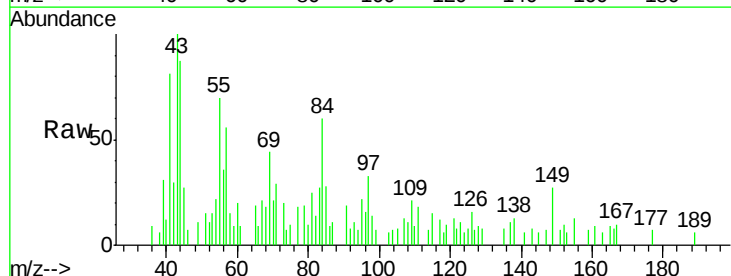
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

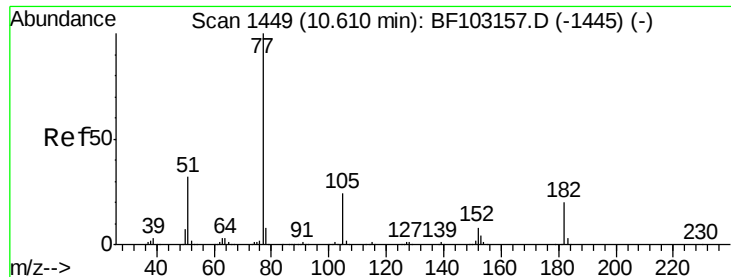
Tot Ion:149 Resp: 180756  
Ion Ratio Lower Upper  
149 100  
177 20.4 16.1 24.1  
150 12.2 10.1 15.1



#61  
4-Nitroaniline  
Concen: 0.292 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. -0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion:138 Resp: 1936  
Ion Ratio Lower Upper  
138 100  
92 58.4 30.2 70.2  
108 84.3 52.5 92.5





#62

Azobenzene

Concen: 0.060 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

Tot Ion: 77 Resp: 1451

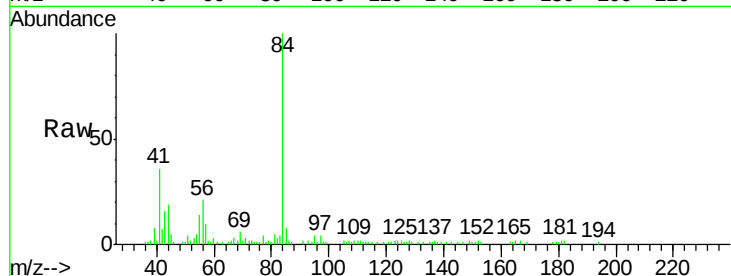
Ion Ratio Lower Upper

77 100

182 63.1 1.7 41.7#

105 64.4 3.0 43.0#

51 103.6 9.9 49.9#

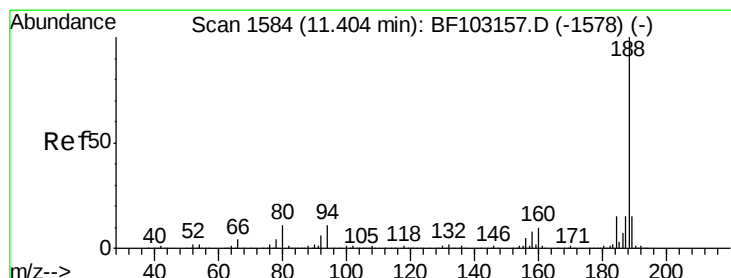
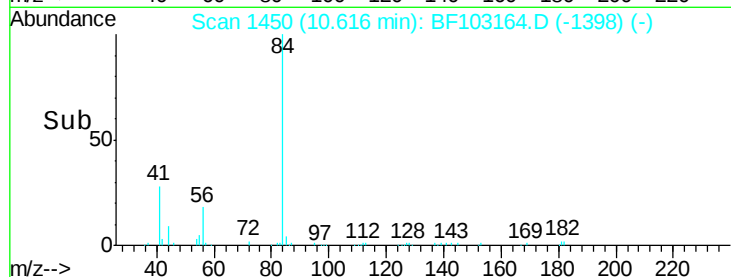
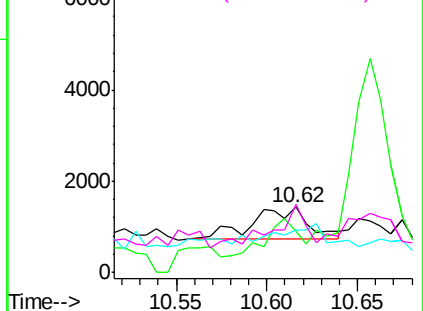


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

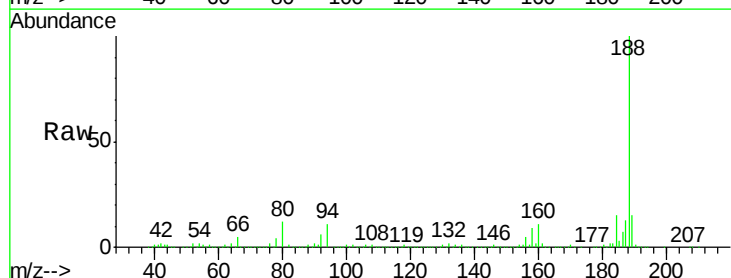
Tgt Ion: 188 Resp: 475502

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

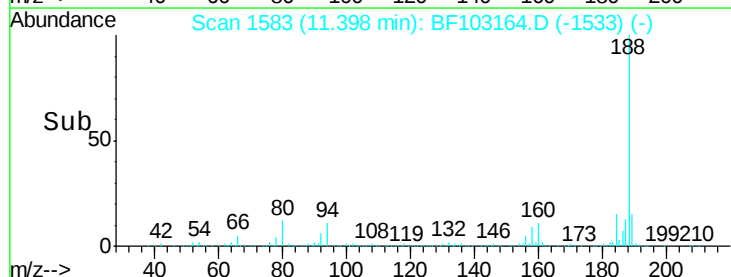
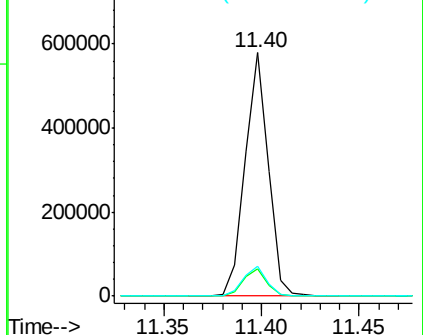
80 12.3 9.2 13.8

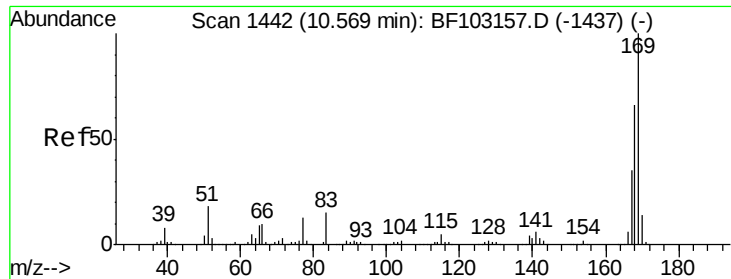


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

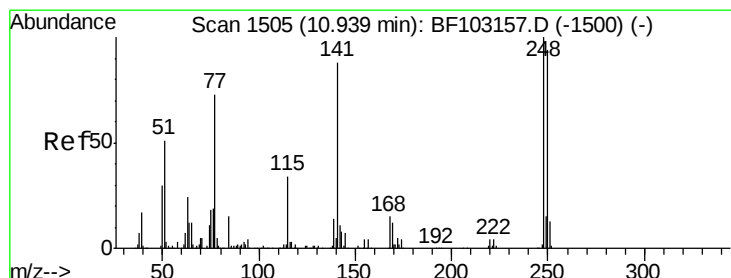
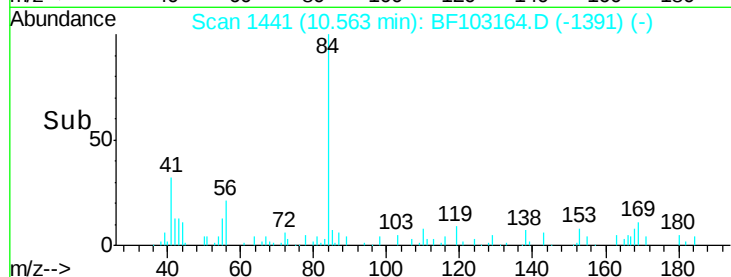
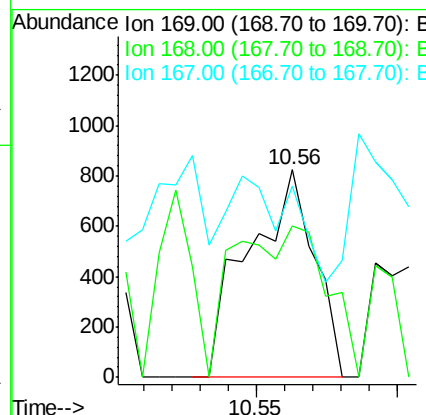
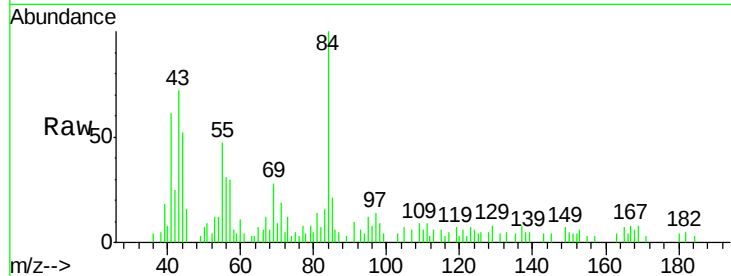




#65  
 n-Nitrosodiphenylamine  
 Concen: 0.080 ng  
 RT: 10.56 min Scan# 1441  
 Delta R.T. -0.01 min  
 Lab File: BF103164.D  
 Acq: 22 Feb 2018 16:10

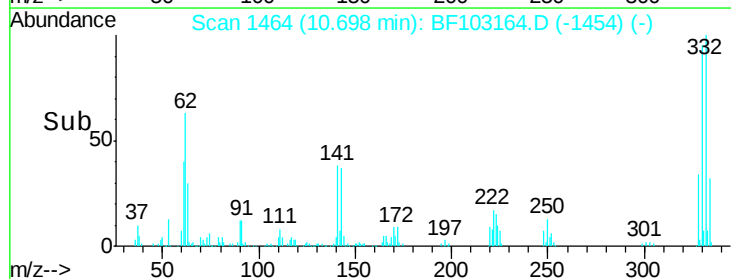
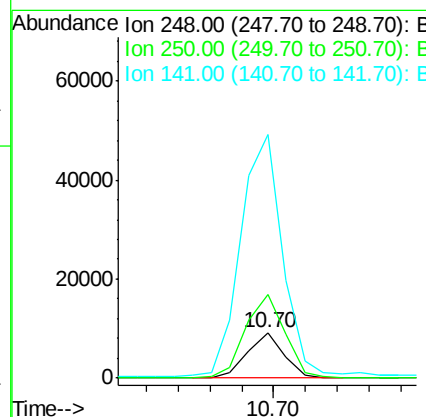
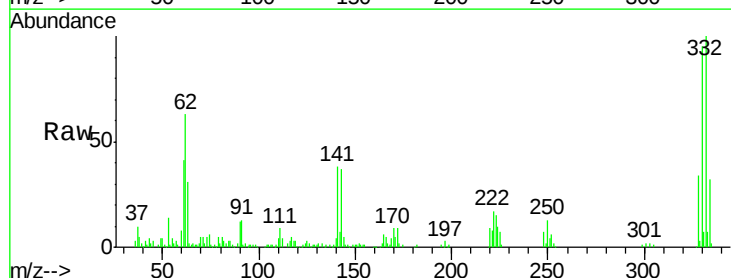
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022118

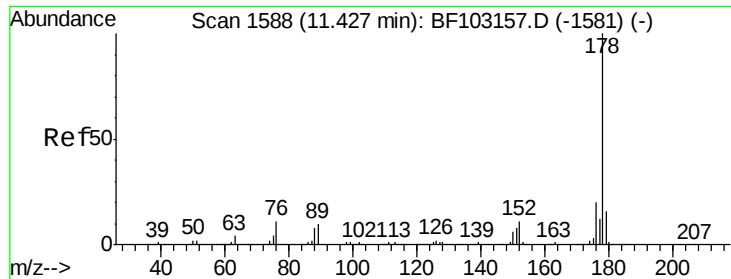
Tot Ion:169 Resp: 1329  
 Ion Ratio Lower Upper  
 169 100  
 168 73.2 54.4 81.6  
 167 91.9 29.8 44.6#



#66  
 4-Bromophenyl-phenylether  
 Concen: 1.467 ng  
 RT: 10.70 min Scan# 1464  
 Delta R.T. -0.24 min  
 Lab File: BF103164.D  
 Acq: 22 Feb 2018 16:10

Tgt Ion:248 Resp: 7268  
 Ion Ratio Lower Upper  
 248 100  
 250 182.3 76.9 115.3#  
 141 531.3 74.4 111.6#





#70

Phenanthrene

Concen: 0.636 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

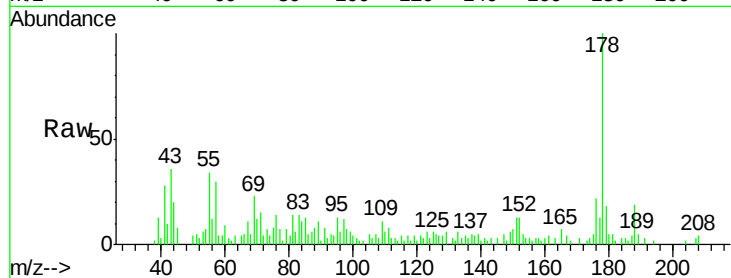
Tot Ion:178 Resp: 16644

Ion Ratio Lower Upper

178 100

176 22.3 15.8 23.8

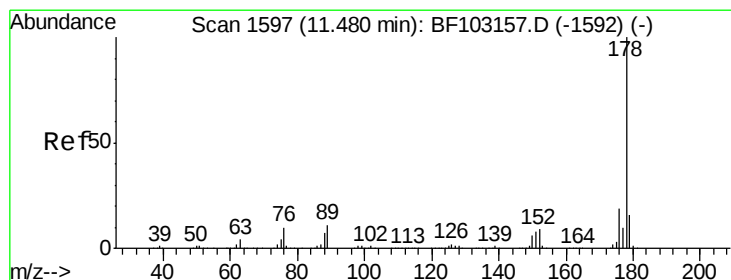
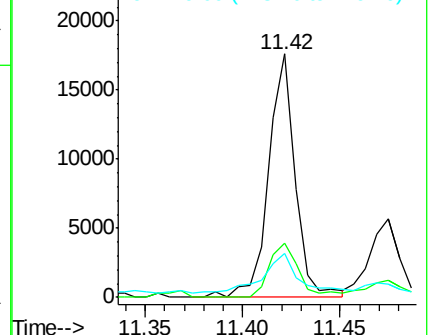
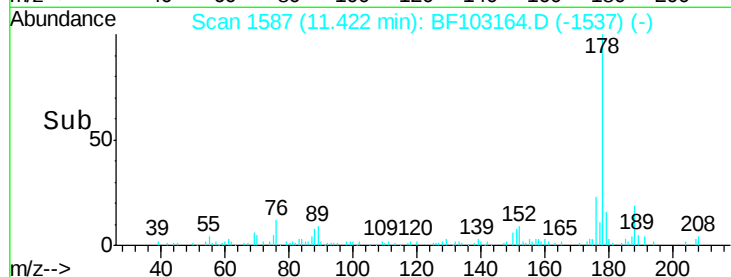
179 17.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.200 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

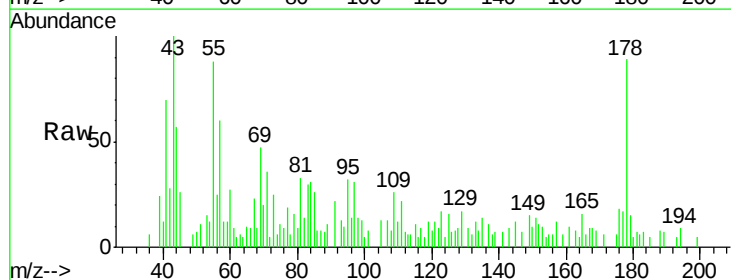
Tgt Ion:178 Resp: 5364

Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.2

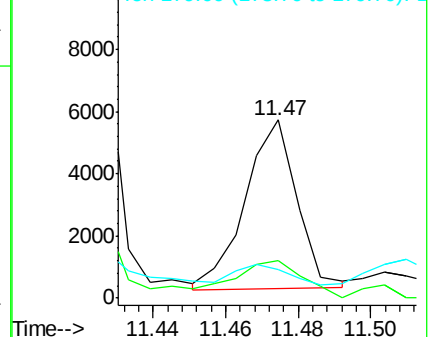
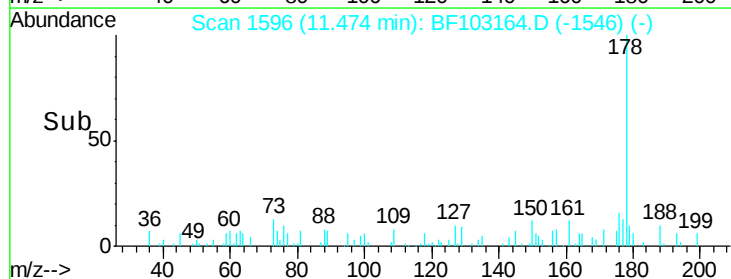
179 16.3 12.6 19.0

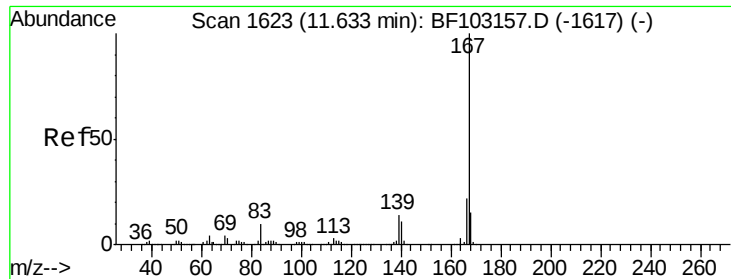


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.402 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

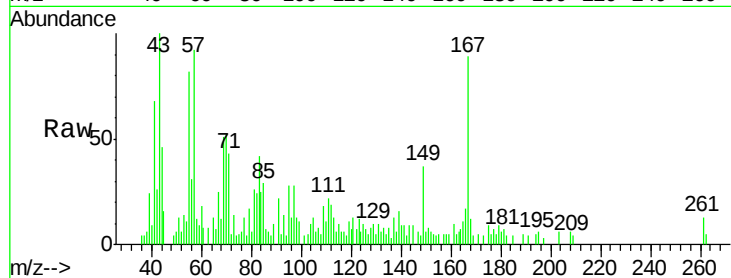
Tot Ion:167 Resp: 10750

Ion Ratio Lower Upper

167 100

166 19.6 17.6 26.4

139 17.7 10.9 16.3#

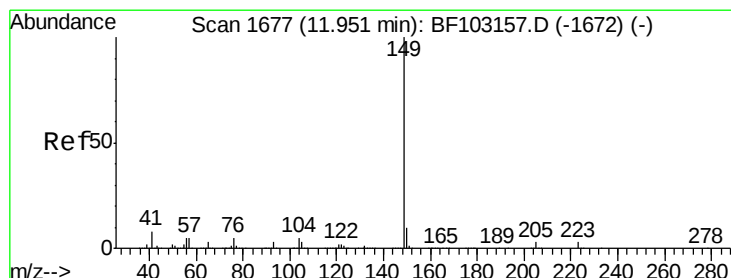
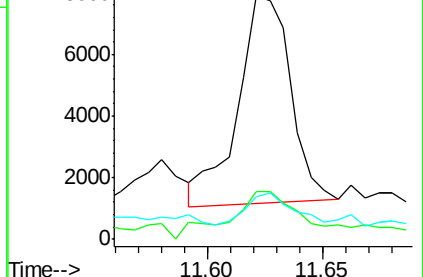
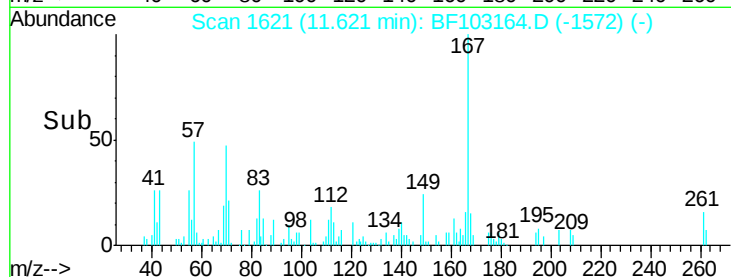


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#73

Di-n-butylphthalate

Concen: 0.255 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

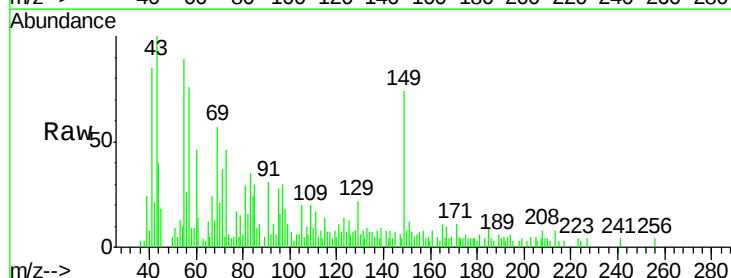
Tgt Ion:149 Resp: 8526

Ion Ratio Lower Upper

149 100

150 11.3 7.8 11.6

104 7.7 3.8 5.8#

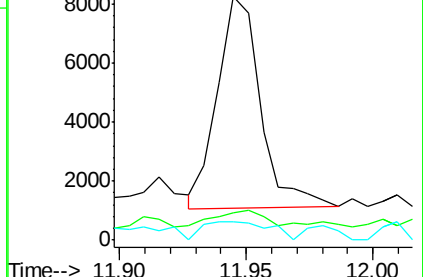
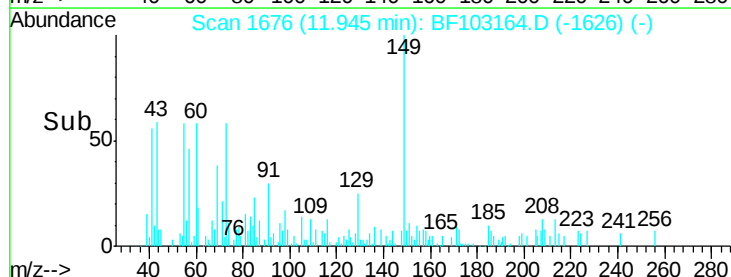


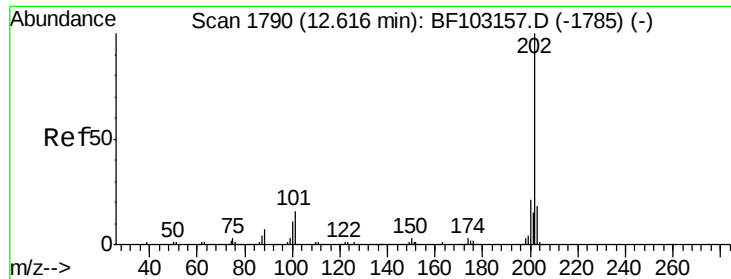
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->





#74

Fluoranthene

Concen: 0.671 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

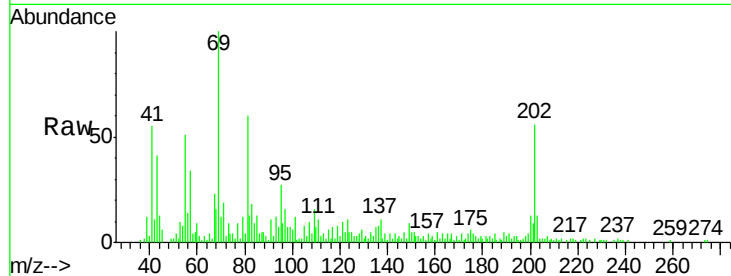
Tot Ion:202 Resp: 17634

Ion Ratio Lower Upper

202 100

101 22.2 0.0 34.1

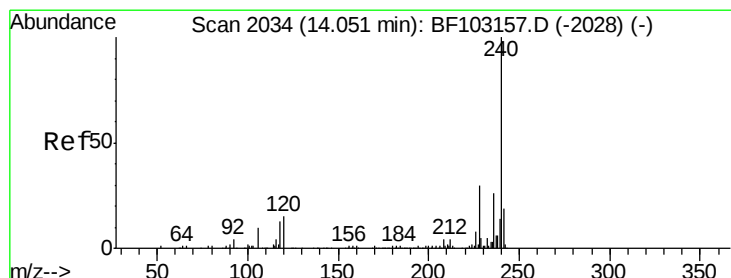
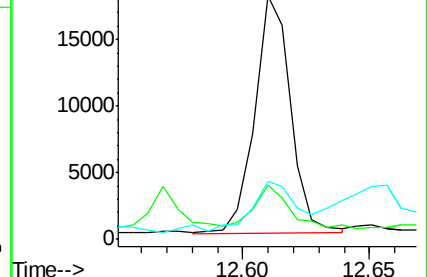
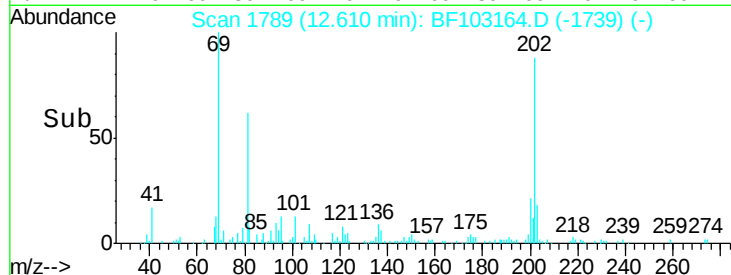
203 24.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

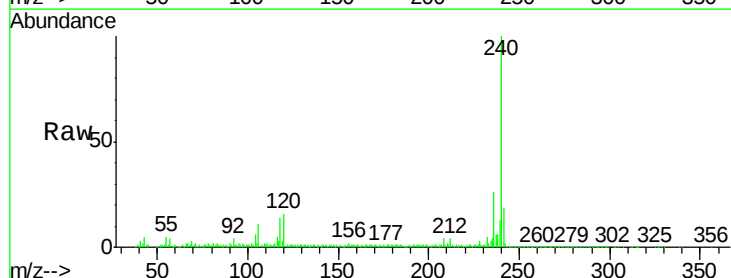
Tgt Ion:240 Resp: 310253

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

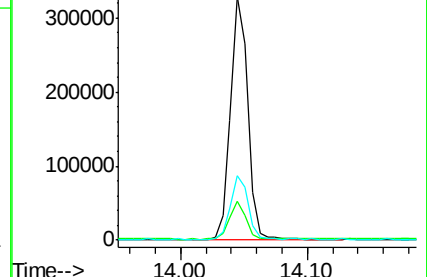
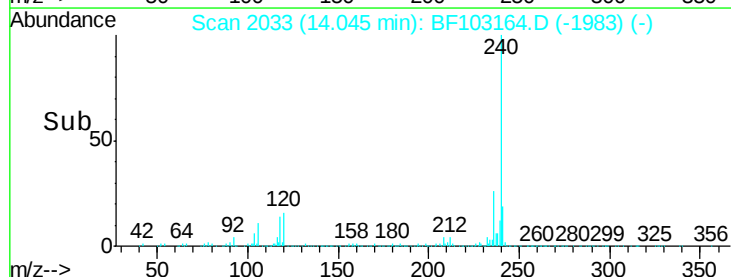
236 26.3 20.7 31.1

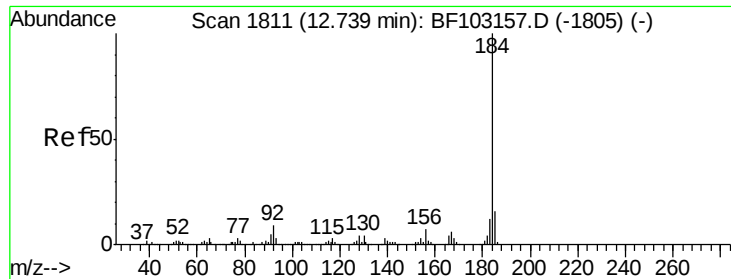


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.041 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.03 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampled :

HD-01-022118

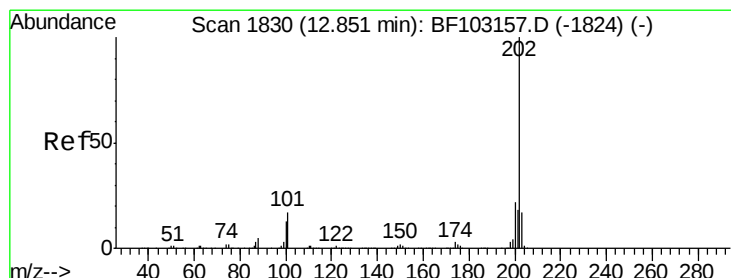
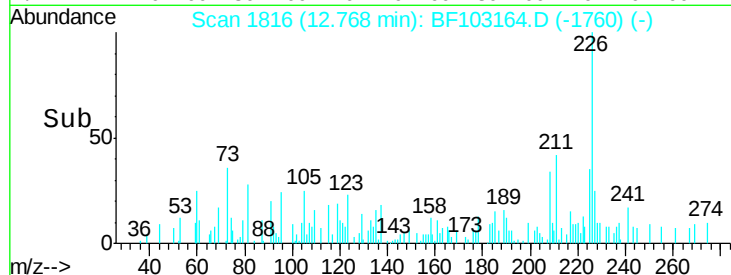
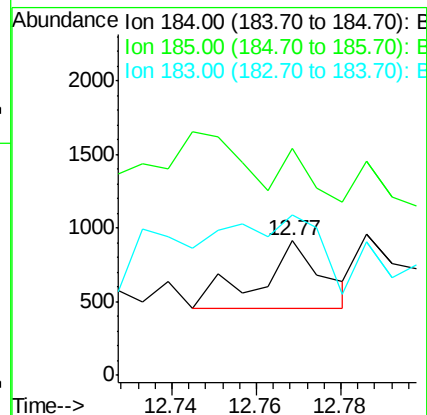
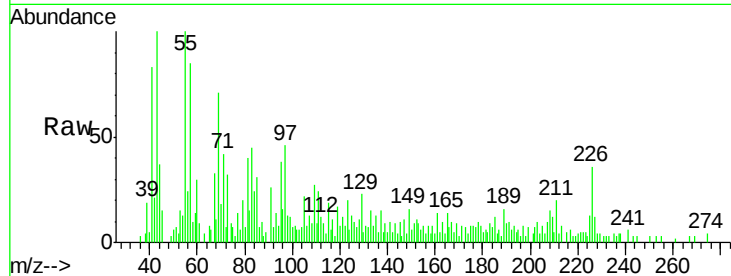
Tot Ion:184 Resp: 475

Ion Ratio Lower Upper

184 100

185 168.6 12.6 18.8#

183 119.3 9.3 13.9#



#77

Pyrene

Concen: 0.820 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

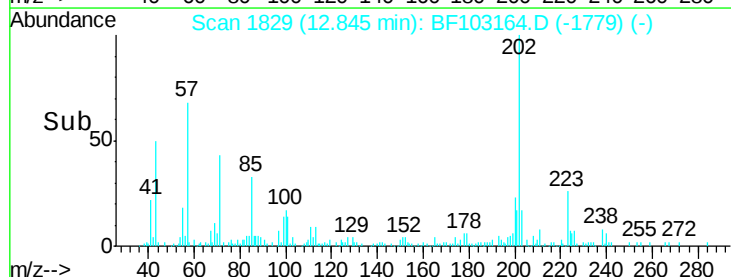
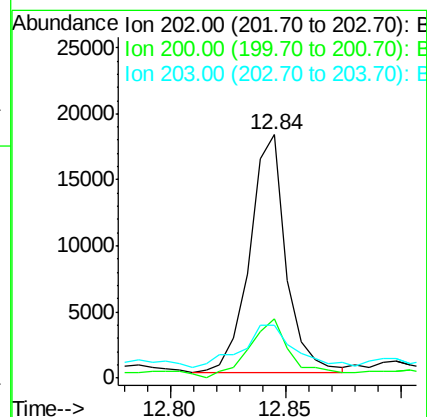
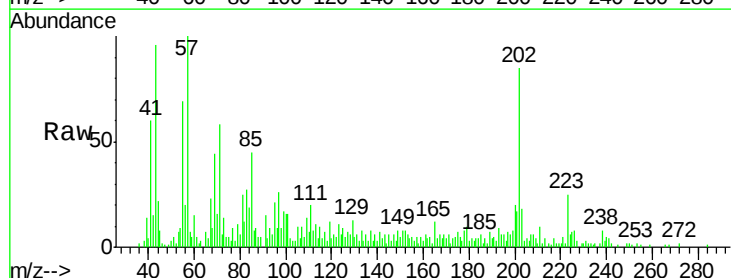
Tgt Ion:202 Resp: 19833

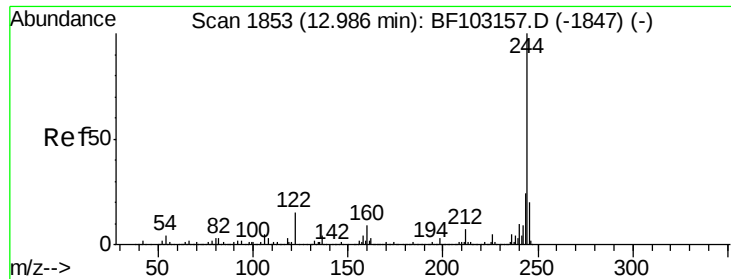
Ion Ratio Lower Upper

202 100

200 24.1 17.4 26.2

203 21.7 14.3 21.5#





#78

Terphenyl-d14

Concen: 34.320 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

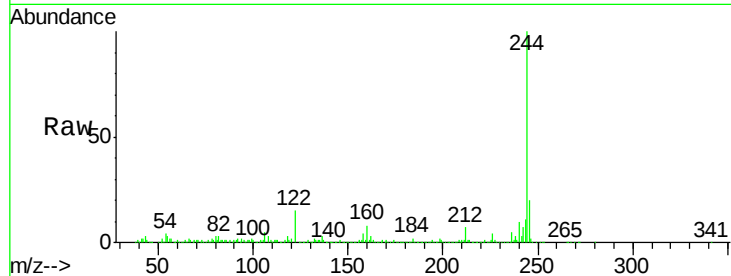
Tot Ion:244 Resp: 442954

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 14.6 11.0 16.4

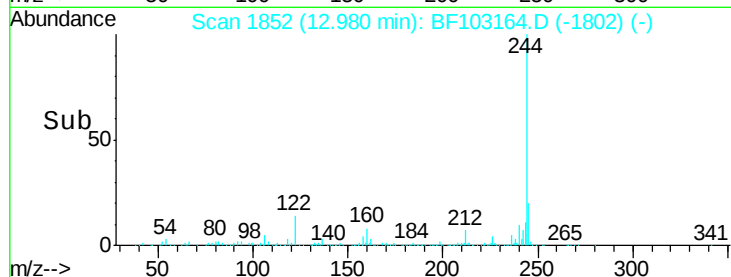


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



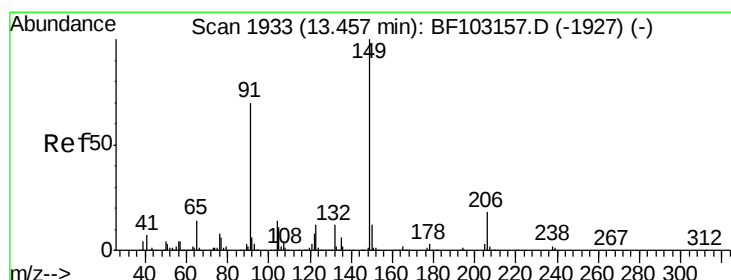
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#79

Butylbenzylphthalate

Concen: 0.846 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

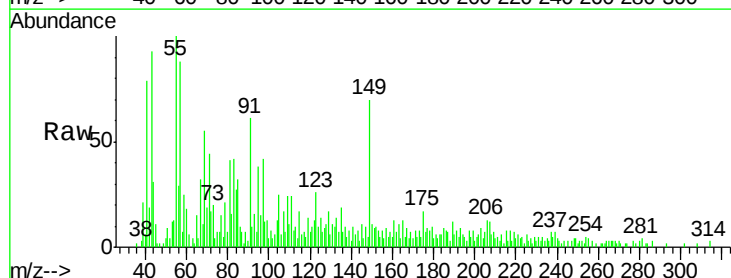
Tgt Ion:149 Resp: 10812

Ion Ratio Lower Upper

149 100

91 87.8 56.8 85.2#

206 19.0 14.1 21.1

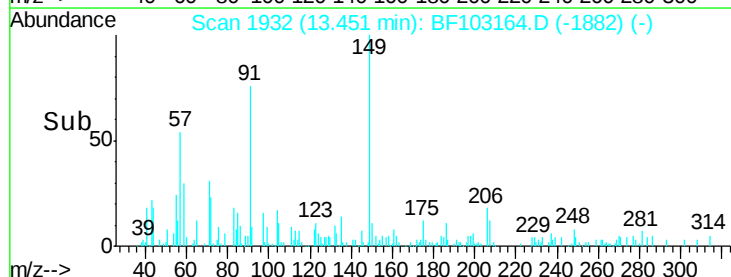


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

Time-->



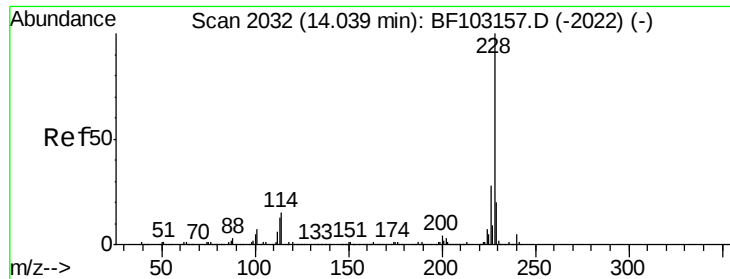
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

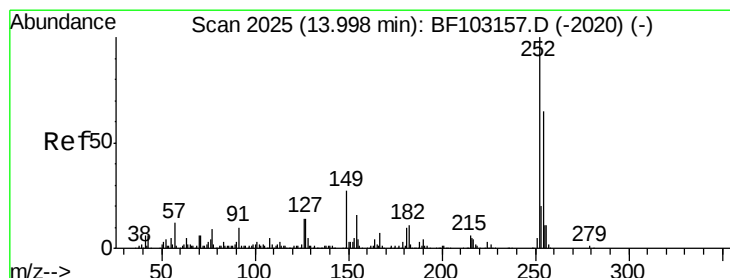
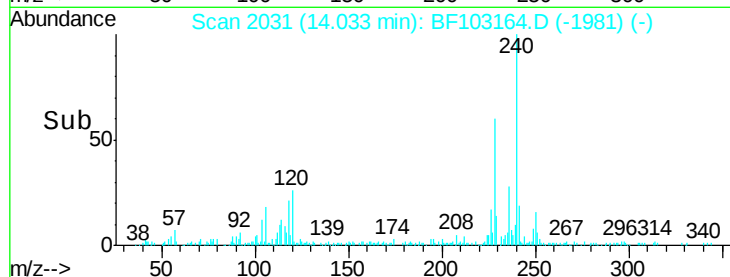
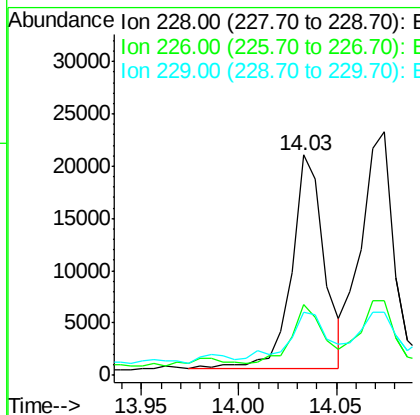
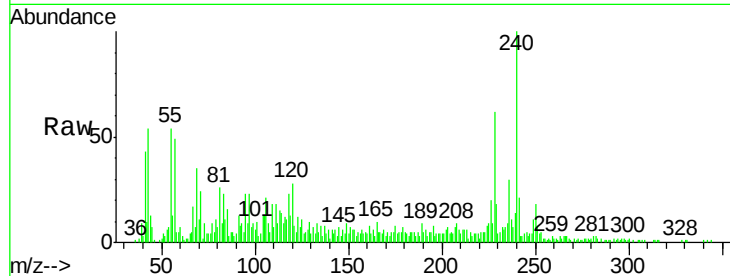
Time-->



#80  
Benzo(a)anthracene  
Concen: 1.169 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. -0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

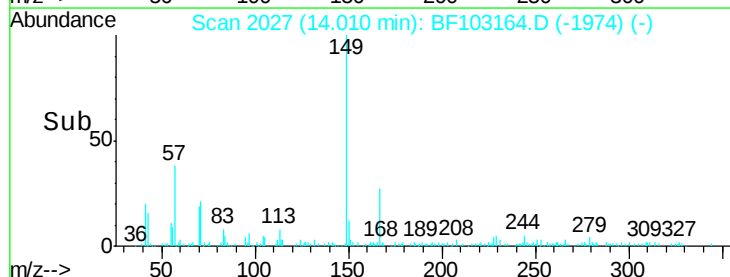
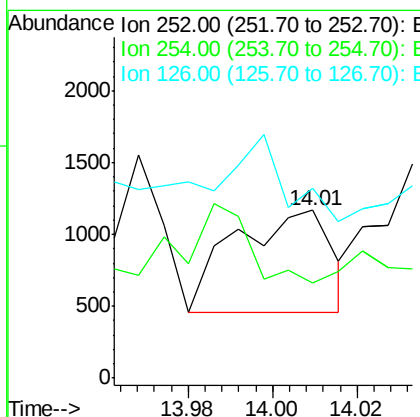
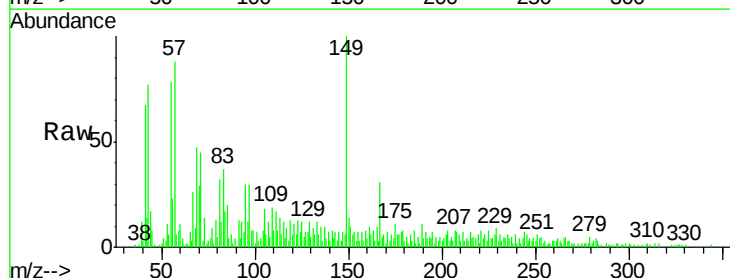
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

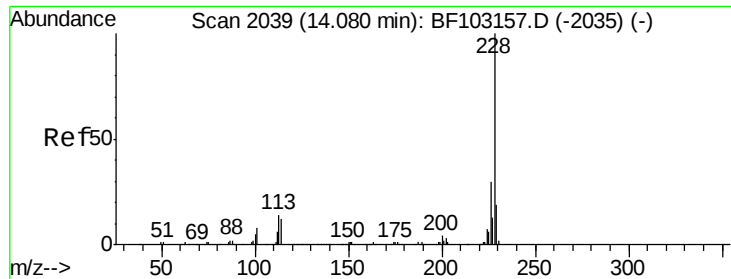
Tot Ion:228 Resp: 23523  
Ion Ratio Lower Upper  
228 100  
226 32.3 22.6 33.8  
229 28.9 15.8 23.6#



#81  
3,3'-Dichlorobenzidine  
Concen: 0.158 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. 0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion:252 Resp: 1135  
Ion Ratio Lower Upper  
252 100  
254 56.7 50.4 75.6  
126 113.3 11.3 16.9#

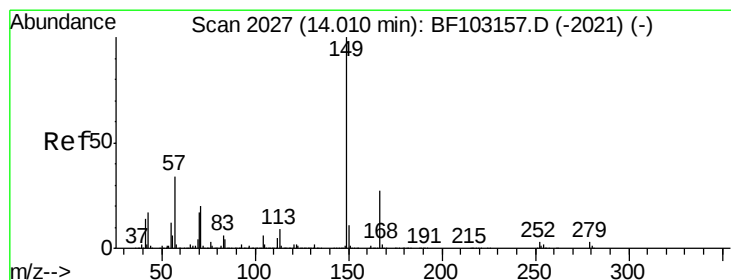
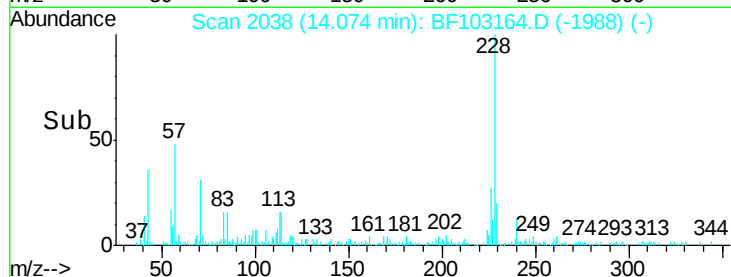
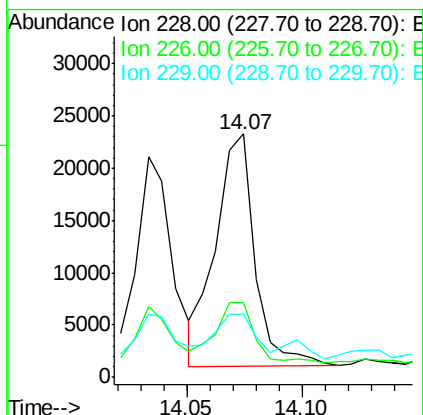
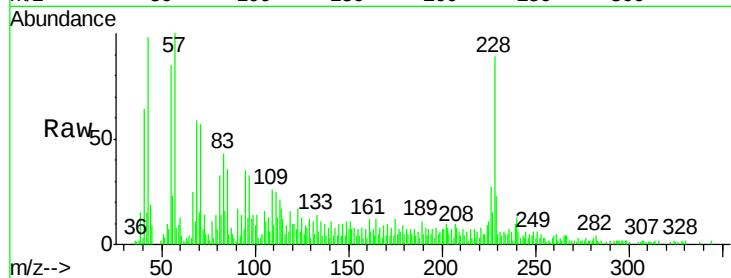




#82  
 Chrvsene  
 Concen: 1.352 ng  
 RT: 14.07 min Scan# 2038  
 Delta R.T. -0.01 min  
 Lab File: BF103164.D  
 Acq: 22 Feb 2018 16:10

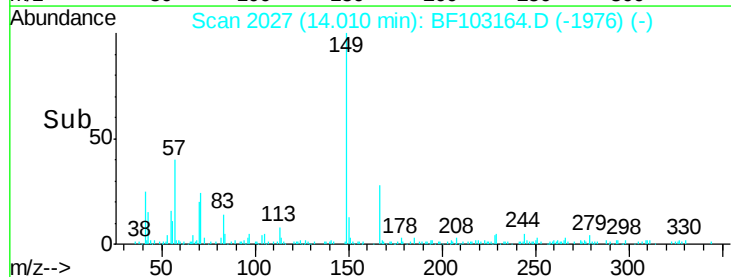
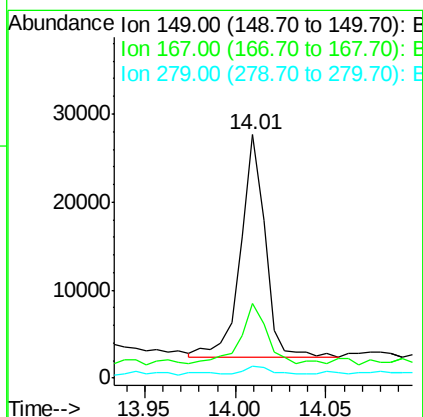
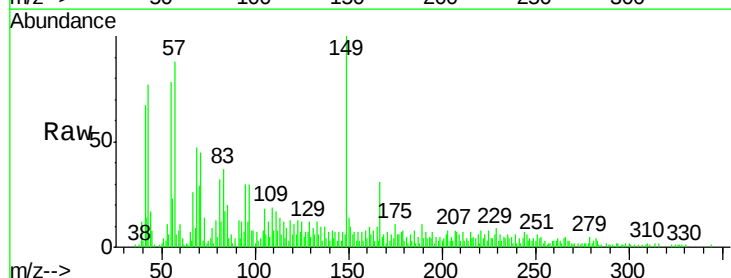
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022118

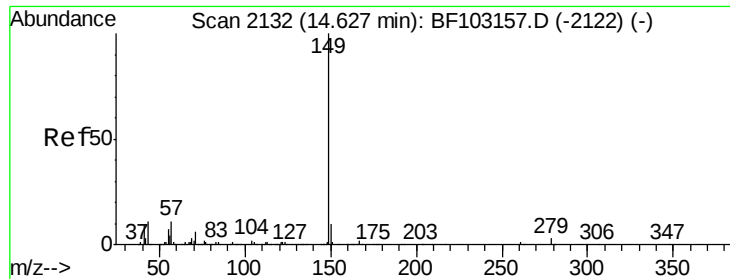
Tot Ion:228 Resp: 26421  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 25.0 37.6  
 229 26.2 16.2 24.4#



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.391 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.00 min  
 Lab File: BF103164.D  
 Acq: 22 Feb 2018 16:10

Tgt Ion:149 Resp: 23987  
 Ion Ratio Lower Upper  
 149 100  
 167 30.6 21.3 31.9  
 279 5.0 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 1.243 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA\_F

ClientSampleId :

HD-01-022118

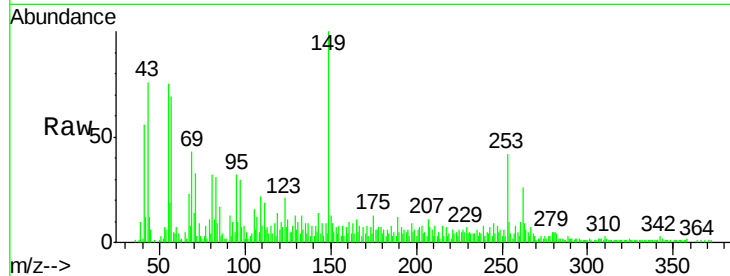
Tot Ion:149 Resp: 34633

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

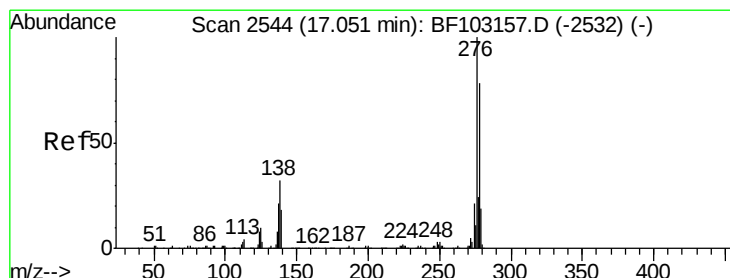
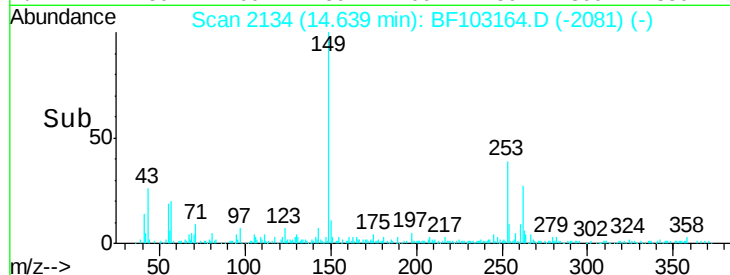
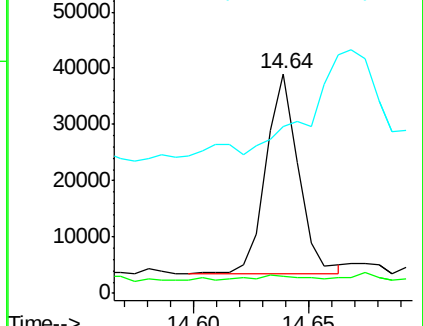
43 0.0 8.4 12.6#



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): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.999 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

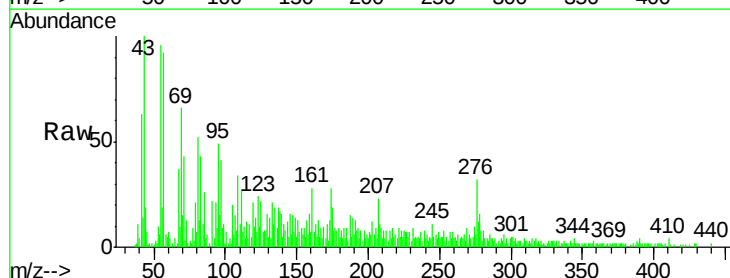
Tgt Ion:276 Resp: 15457

Ion Ratio Lower Upper

276 100

138 35.6 25.0 37.6

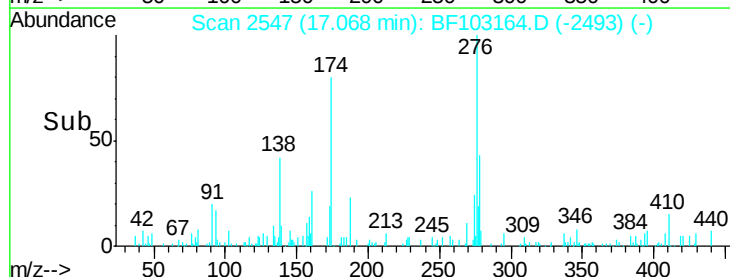
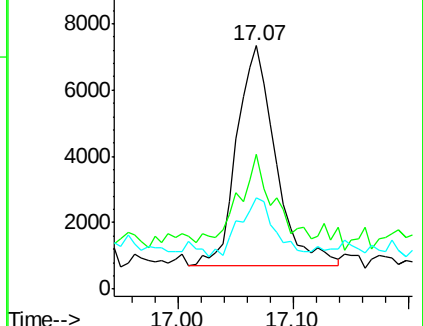
277 25.6 20.1 30.1

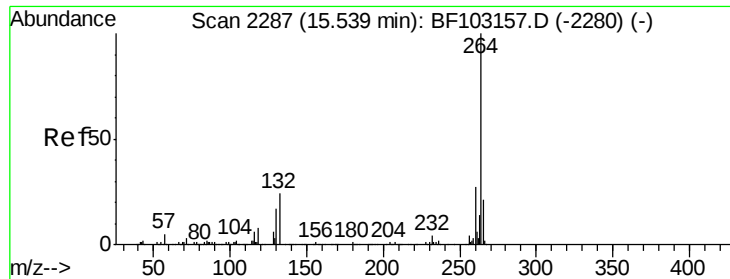


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

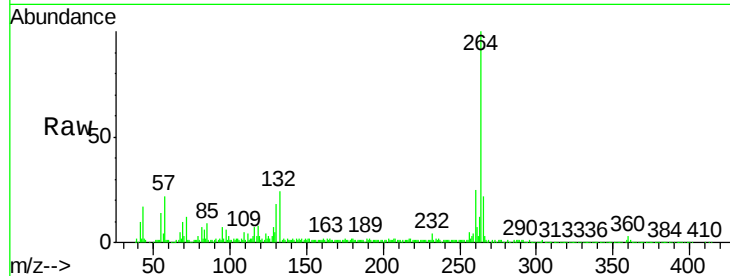




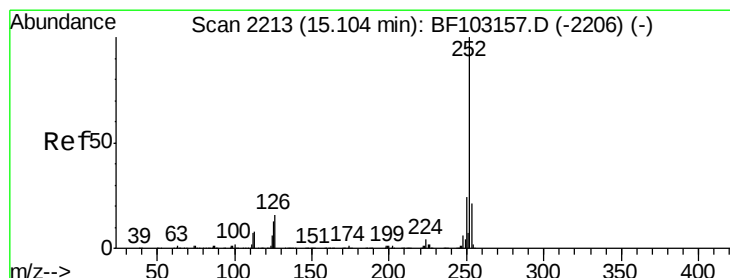
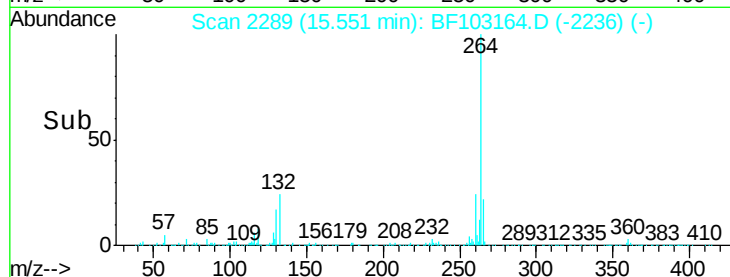
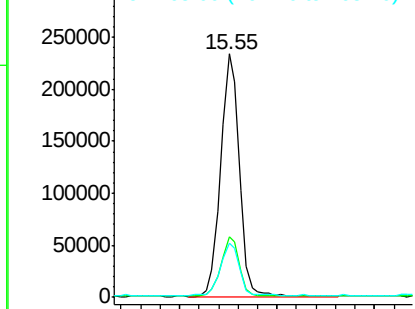
#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.55 min Scan# 2289  
Delta R.T. 0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

Tot Ion:264 Resp: 309434  
Ion Ratio Lower Upper  
264 100  
260 25.1 19.2 28.8  
265 22.2 17.5 26.3

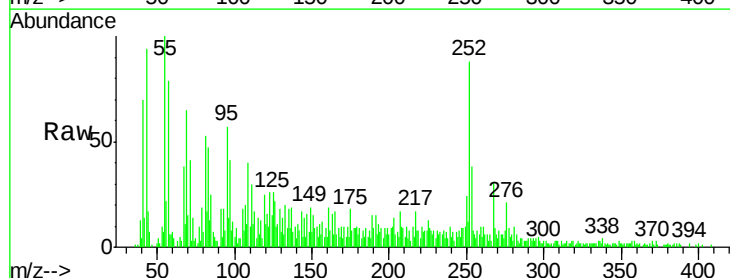


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

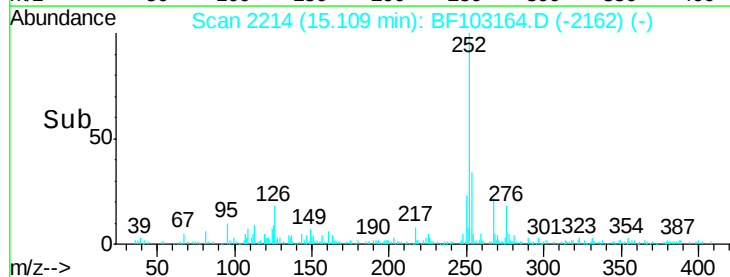
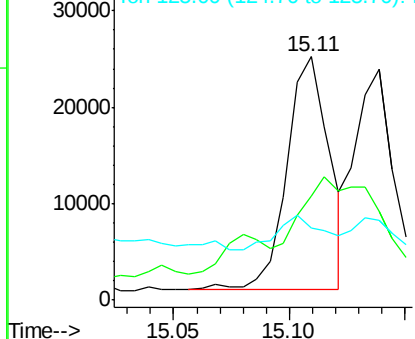


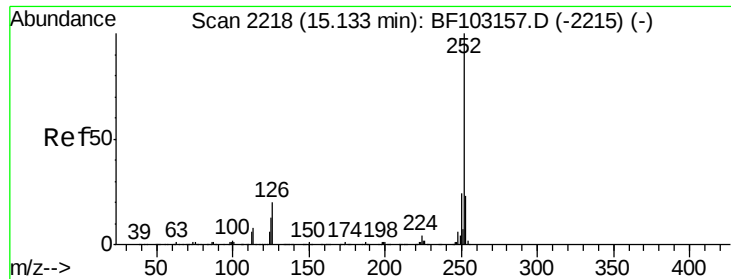
#87  
Benzo(b)fluoranthene  
Concen: 1.514 ng  
RT: 15.11 min Scan# 2214  
Delta R.T. 0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion:252 Resp: 30810  
Ion Ratio Lower Upper  
252 100  
253 42.7 17.0 25.6#  
125 29.6 9.0 13.6#



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

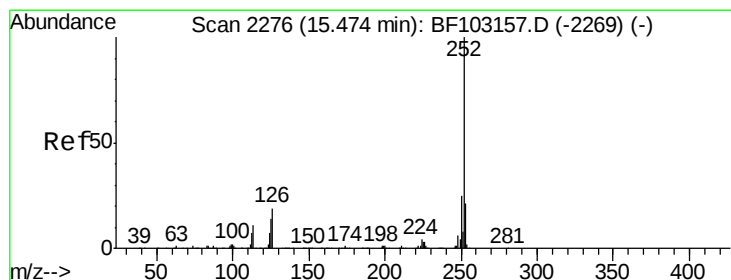
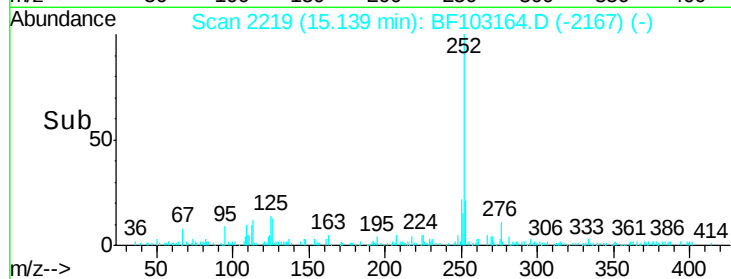
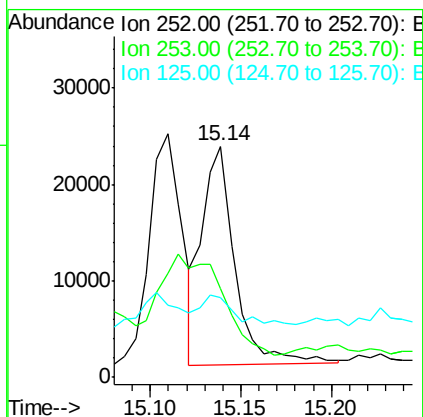
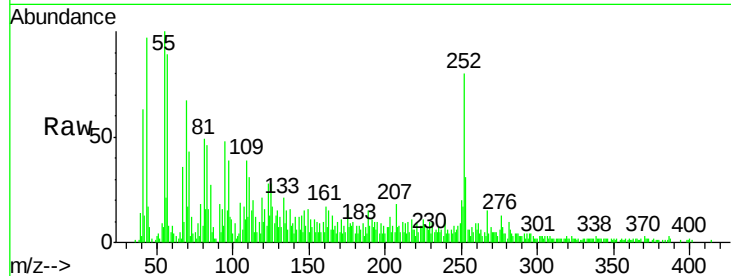




#88  
Benzo(k)fluoranthene  
Concen: 1.492 ng  
RT: 15.14 min Scan# 2219  
Delta R.T. 0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

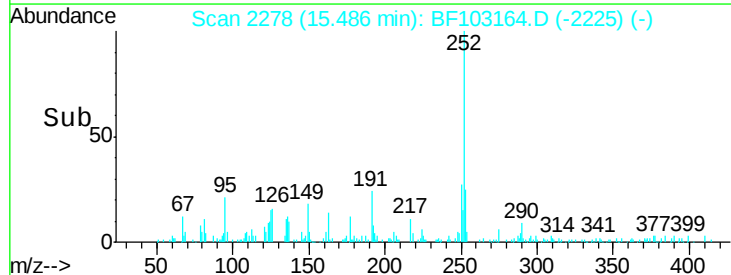
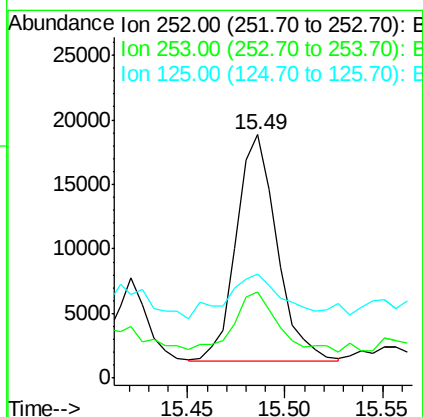
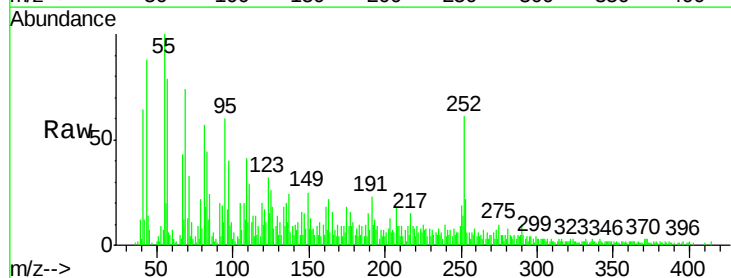
Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

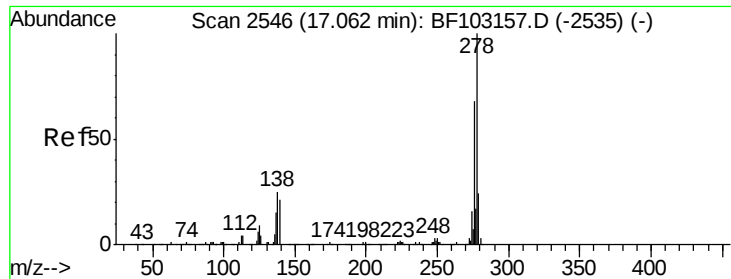
Tot Ion:252 Resp: 28593  
Ion Ratio Lower Upper  
252 100  
253 38.5 17.9 26.9#  
125 34.5 10.2 15.2#



#89  
Benzo(a)pyrene  
Concen: 1.391 ng  
RT: 15.49 min Scan# 2278  
Delta R.T. 0.01 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion:252 Resp: 25278  
Ion Ratio Lower Upper  
252 100  
253 35.5 17.1 25.7#  
125 42.9 9.8 14.6#

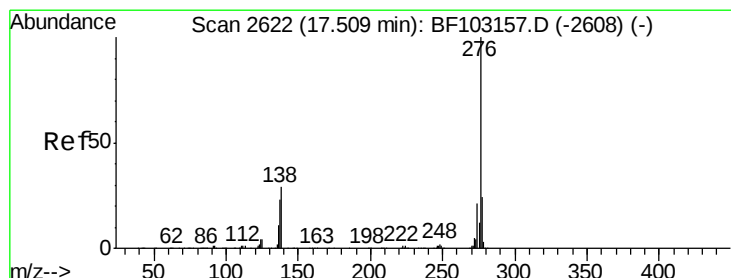
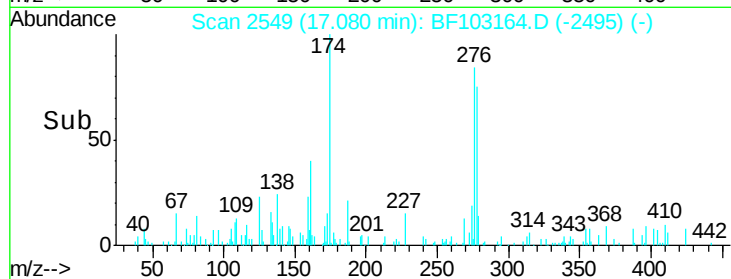
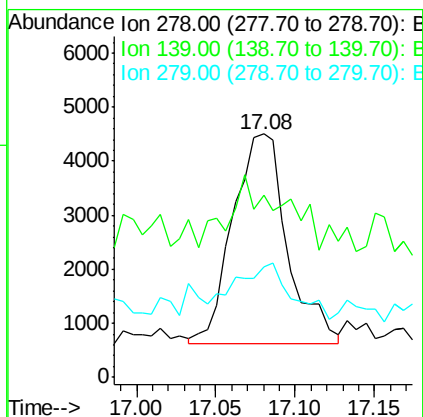
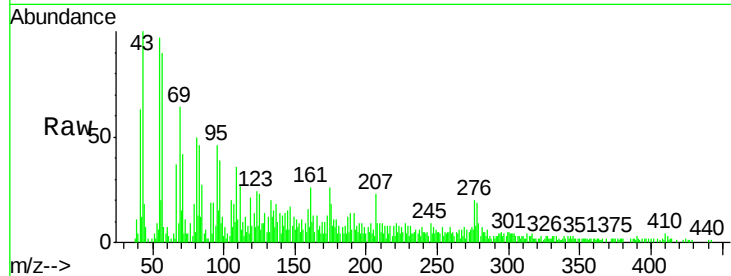




#90  
Dibenzo(a,h)anthracene  
Concen: 0.666 ng  
RT: 17.08 min Scan# 2549  
Delta R.T. 0.02 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Instrument :  
BNA\_F  
ClientSampleId :  
HD-01-022118

Tot Ion:278 Resp: 9347  
Ion Ratio Lower Upper  
278 100  
139 74.9 15.9 23.9#  
279 45.6 19.0 28.4#



#91  
Benzo(g,h,i)perylene  
Concen: 0.974 ng  
RT: 17.53 min Scan# 2625  
Delta R.T. 0.02 min  
Lab File: BF103164.D  
Acq: 22 Feb 2018 16:10

Tgt Ion:276 Resp: 13367  
Ion Ratio Lower Upper  
276 100  
277 33.8 17.9 26.9#  
138 47.5 21.8 32.8#

