

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\  
 Data File : BF099155.D  
 Acq On : 6 Oct 2017 18:51  
 Operator : SJ/JU  
 Sample : I5571-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 06 22:57:27 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 05 17:20:48 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 141214   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.15  | 136  | 574828   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.90  | 164  | 256396   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.39 | 188  | 448752   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.02 | 240  | 310738   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.50 | 264  | 238579   | 20.00 | ng    | 0.00     |

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| System Monitoring Compounds |       |     |        |      |    |       |
| 5) 2-Fluorophenol           | 5.47  | 112 | 20923  | 2.36 | ng | 0.00  |
| 7) Phenol-d6                | 6.48  | 99  | 22019  | 2.01 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.42  | 82  | 62061  | 6.92 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.69 | 330 | 6411   | 3.06 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.22  | 172 | 117784 | 7.67 | ng | -0.01 |
| 78) Terphenyl-d14           | 12.96 | 244 | 77869  | 5.70 | ng | -0.01 |

|                                |       |     |        |      |    |        |
|--------------------------------|-------|-----|--------|------|----|--------|
| Target Compounds               |       |     |        |      |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.65  | 88  | 8505   | 2.01 | ng | # 85   |
| 6) Aniline                     | 6.52  | 93  | 30144  | 2.04 | ng | 98     |
| 9) Benzaldehyde                | 6.42  | 77  | 15655  | 2.47 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.59  | 93  | 29661  | 3.12 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.80  | 146 | 30065  | 2.86 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.88  | 146 | 30199  | 2.82 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.03  | 146 | 28522  | 2.88 | ng | 96     |
| 15) Benzyl Alcohol             | 7.00  | 79  | 19835  | 2.47 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13  | 45  | 43092  | 2.91 | ng | 97     |
| 18) Hexachloroethane           | 7.37  | 117 | 9359   | 2.43 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.26  | 70  | 22097  | 3.16 | ng | 97     |
| 22) Acetophenone               | 7.26  | 105 | 46652  | 3.35 | ng | # 97   |
| 24) Nitrobenzene               | 7.44  | 77  | 35608  | 3.50 | ng | 95     |
| 25) Isophorone                 | 7.67  | 82  | 60243  | 3.25 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.89  | 93  | 37388  | 3.24 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.08  | 180 | 22742  | 2.87 | ng | 98     |
| 31) Naphthalene                | 8.16  | 128 | 85456  | 3.17 | ng | 100    |
| 33) 4-Chloroaniline            | 8.22  | 127 | 31144  | 2.76 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.28  | 225 | 10430  | 2.55 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.86  | 142 | 56637  | 3.23 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02  | 216 | 20621  | 2.70 | ng | 97     |
| 45) 1,1'-Biphenyl              | 9.32  | 154 | 66534  | 3.02 | ng | 100    |
| 46) 2-Chloronaphthalene        | 9.35  | 162 | 51686  | 3.12 | ng | 92     |
| 47) 2-Nitroaniline             | 9.44  | 65  | 14115  | 2.79 | ng | 99     |
| 48) Acenaphthylene             | 9.76  | 152 | 81469  | 3.22 | ng | 98     |
| 49) Dimethylphthalate          | 9.61  | 163 | 102278 | 5.29 | ng | 99     |
| 50) 2,6-Dinitrotoluene         | 9.67  | 165 | 13268  | 3.15 | ng | 98     |
| 51) Acenaphthene               | 9.93  | 154 | 46438  | 2.89 | ng | 99     |
| 52) 3-Nitroaniline             | 9.85  | 138 | 13600  | 2.77 | ng | 92     |
| 54) Dibenzofuran               | 10.10 | 168 | 73199  | 3.43 | ng | 98     |
| 56) 2,4-Dinitrotoluene         | 10.08 | 165 | 17382  | 3.18 | ng | # 96   |
| 57) Fluorene                   | 10.45 | 166 | 56925  | 3.32 | ng | 97     |
| 59) Diethylphthalate           | 10.31 | 149 | 66134  | 3.50 | ng | 100    |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204 | 23611  | 3.06 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\  
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 Sample : I5571-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

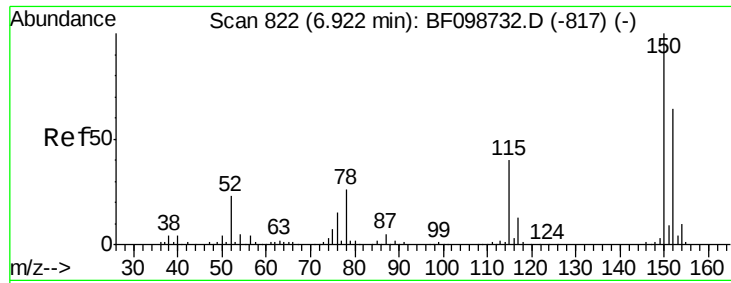
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 06 22:57:27 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 05 17:20:48 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 61) 4-Nitroaniline             | 10.46 | 138  | 10959    | 2.31 | ng    | 87       |
| 62) Azobenzene                 | 10.59 | 77   | 54798    | 3.15 | ng    | 98       |
| 65) n-Nitrosodiphenylamine     | 10.55 | 169  | 46579    | 3.00 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.93 | 248  | 12846    | 2.92 | ng    | # 88     |
| 67) Hexachlorobenzene          | 10.99 | 284  | 11842    | 2.52 | ng    | 98       |
| 68) Atrazine                   | 11.07 | 200  | 16944    | 3.62 | ng    | 97       |
| 70) Phenanthrene               | 11.41 | 178  | 77385    | 3.22 | ng    | 96       |
| 71) Anthracene                 | 11.46 | 178  | 76593    | 3.12 | ng    | 97       |
| 72) Carbazole                  | 11.62 | 167  | 83376    | 3.46 | ng    | 98       |
| 73) Di-n-butylphthalate        | 11.94 | 149  | 85957    | 2.97 | ng    | 98       |
| 74) Fluoranthene               | 12.60 | 202  | 74548    | 3.06 | ng    | 95       |
| 77) Pyrene                     | 12.83 | 202  | 74402    | 3.14 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.44 | 149  | 31066    | 2.79 | ng    | 92       |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 51925    | 2.76 | ng    | 97       |
| 82) Chrysene                   | 14.04 | 228  | 49781    | 2.78 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 43500    | 2.84 | ng    | # 96     |
| 84) Di-n-octyl phthalate       | 14.60 | 149  | 53876    | 2.18 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.97 | 276  | 38379    | 2.68 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 15.06 | 252  | 38006    | 2.59 | ng    | 96       |
| 88) Benzo(k)fluoranthene       | 15.09 | 252  | 38267    | 2.64 | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.43 | 252  | 34246    | 2.54 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.98 | 278  | 31702    | 2.94 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.42 | 276  | 32894    | 3.09 | ng    | 95       |

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



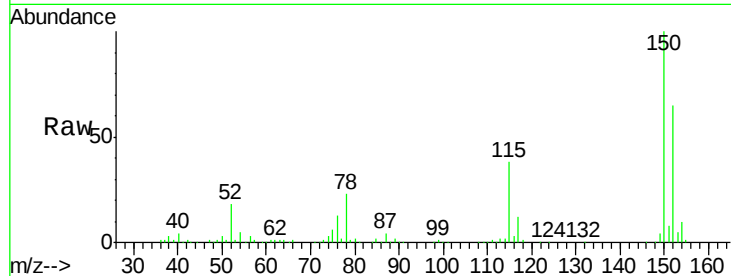


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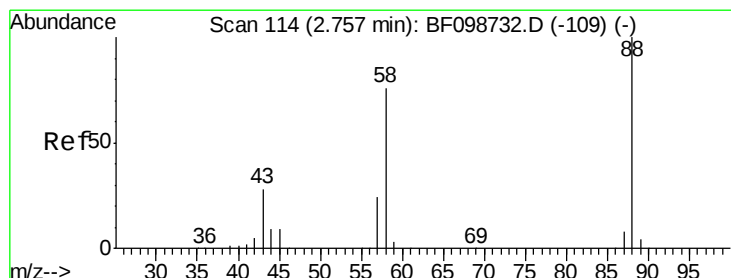
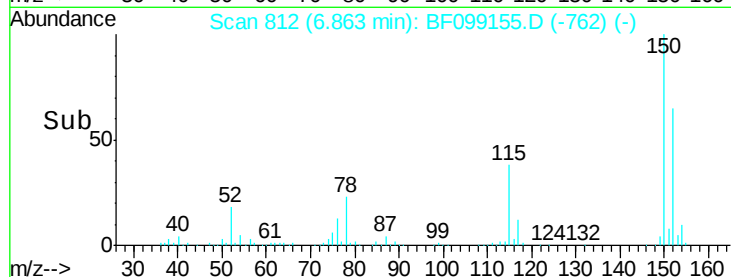
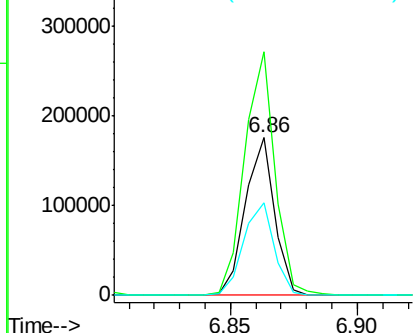
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.86 min Scan# 812  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 141214  
Ion Ratio Lower Upper  
152 100  
150 154.3 124.6 186.8  
115 58.4 50.1 75.1



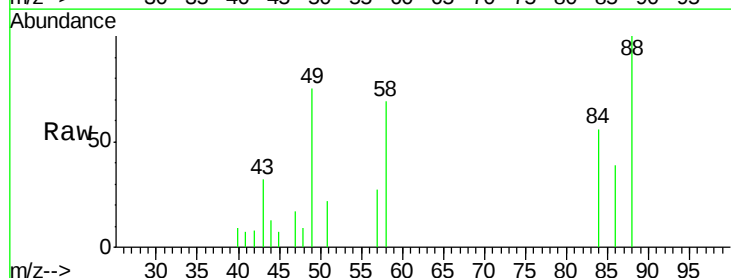
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



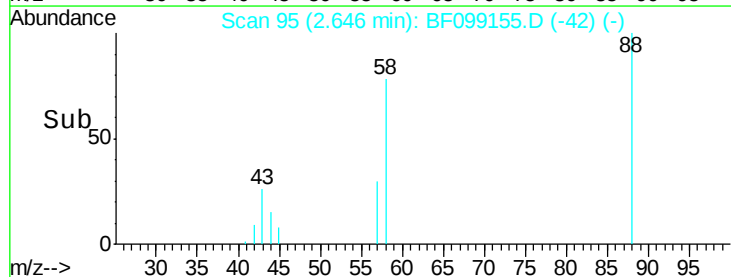
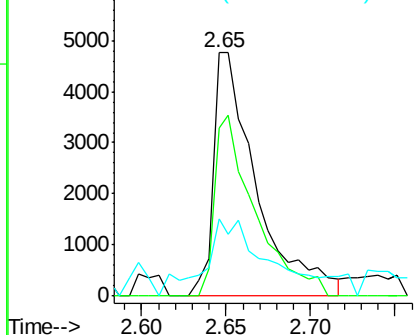
#2

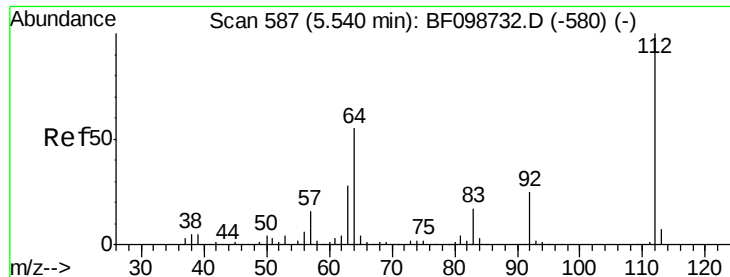
1,4-Dioxane  
Concen: 2.01 ng  
RT: 2.65 min Scan# 95  
Delta R.T. 0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion: 88 Resp: 8505  
Ion Ratio Lower Upper  
88 100  
58 69.8 62.6 93.8  
43 45.7 24.6 37.0#



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





#5

2-Fluorophenol

Concen: 2.36 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampleId :

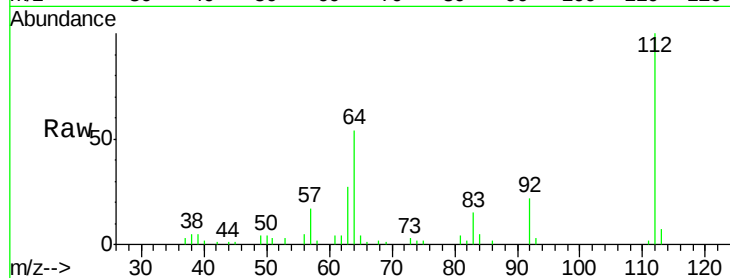
Tot Ion:112 Resp: 20923

Ion Ratio Lower Upper

112 100

64 54.0 47.9 71.9

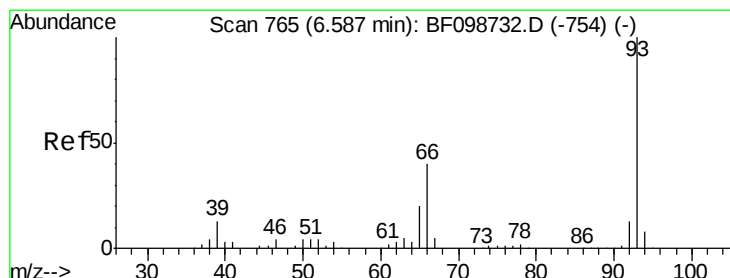
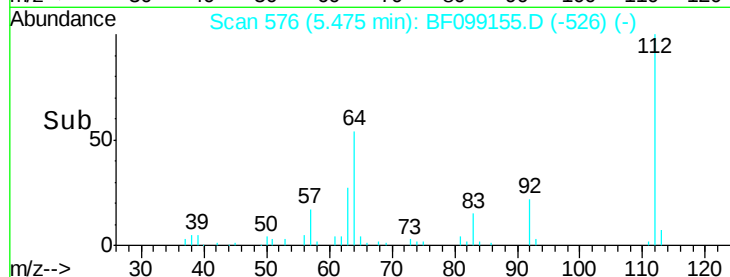
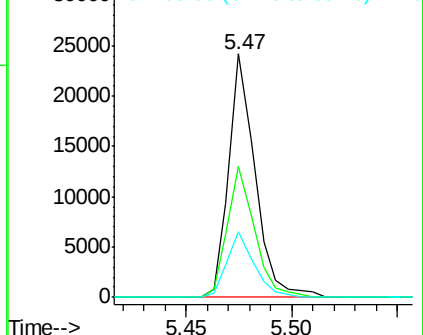
63 27.0 23.7 35.5



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: 2.04 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

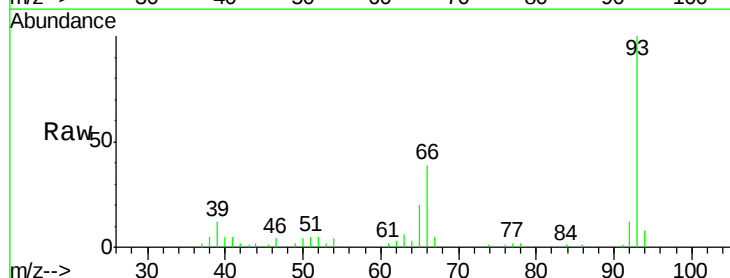
Tgt Ion: 93 Resp: 30144

Ion Ratio Lower Upper

93 100

66 38.9 32.2 48.2

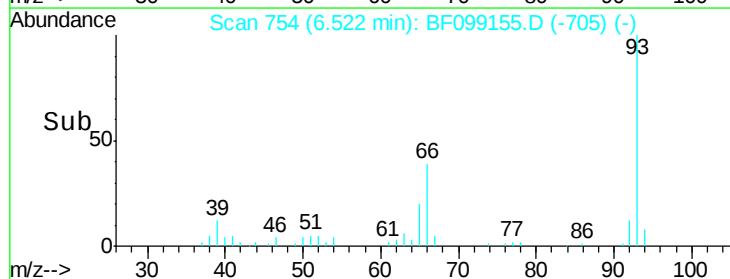
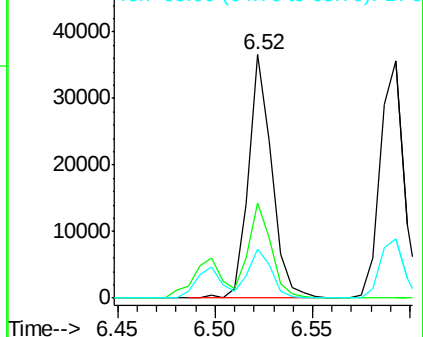
65 20.3 16.4 24.6

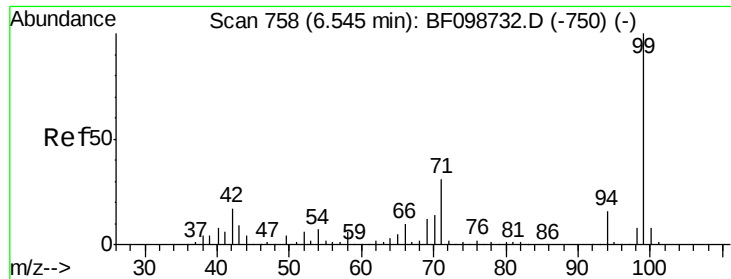


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 2.01 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampleId :

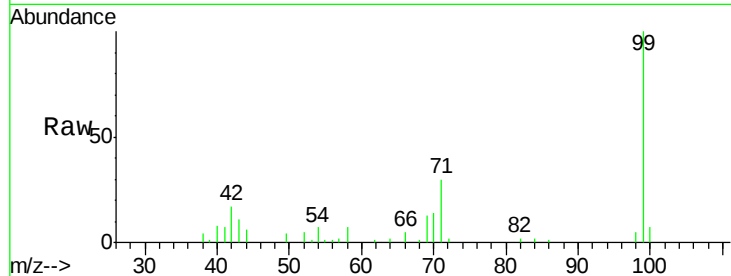
Tot Ion: 99 Resp: 22019

Ion Ratio Lower Upper

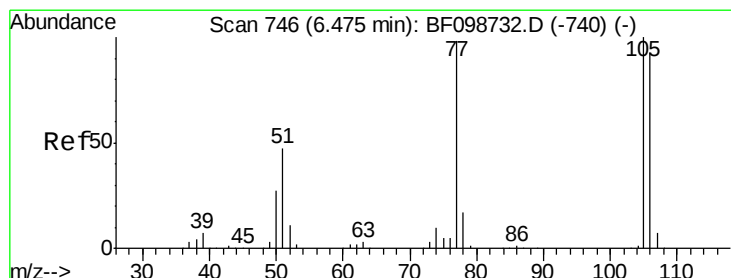
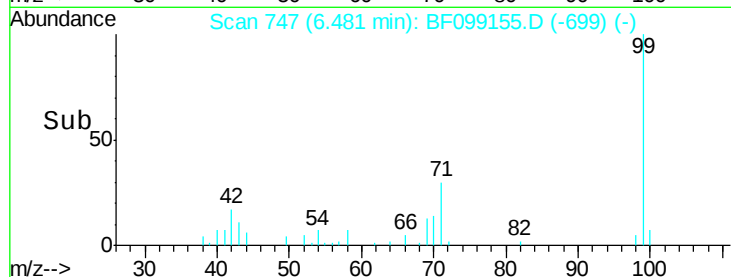
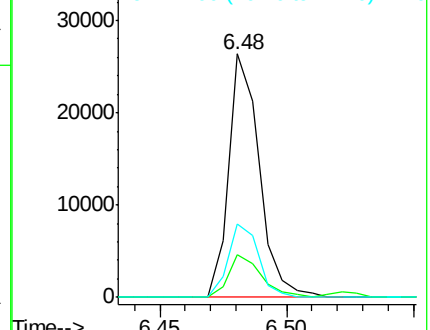
99 100

42 17.3 14.5 21.7

71 30.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.47 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

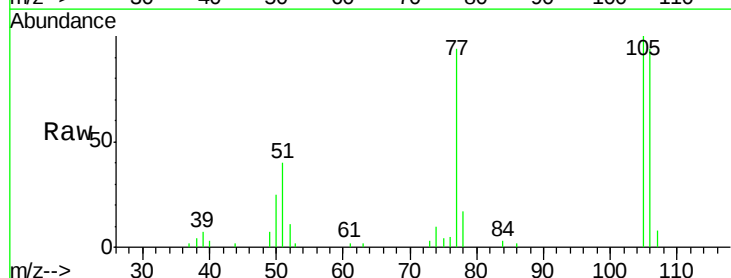
Tgt Ion: 77 Resp: 15655

Ion Ratio Lower Upper

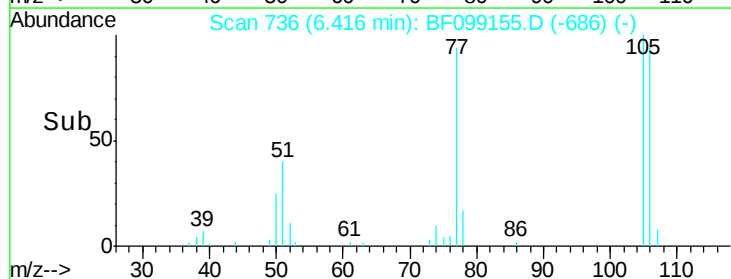
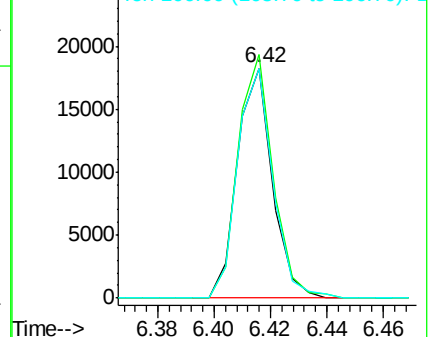
77 100

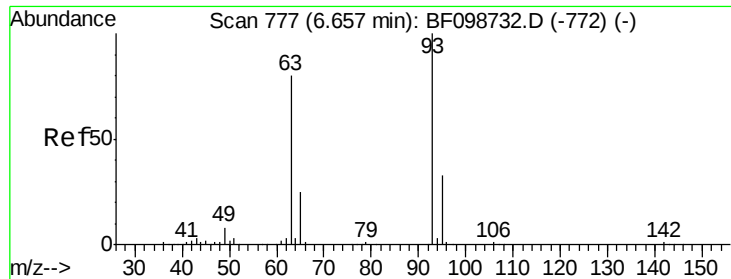
105 106.0 81.1 121.1

106 100.0 74.5 114.5



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





#11

bis(2-Chloroethyl)ether

Concen: 3.12 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampleId :

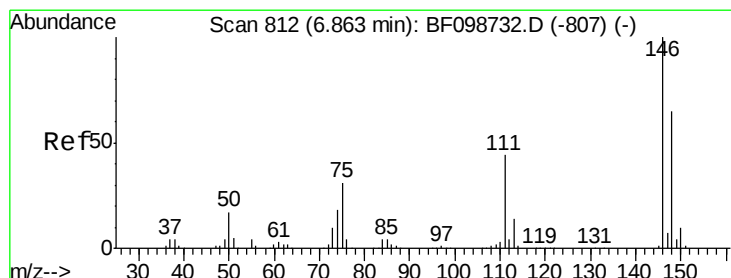
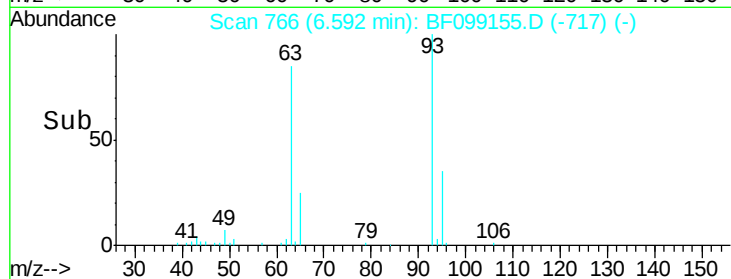
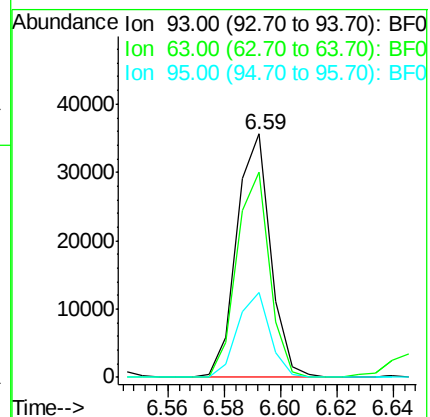
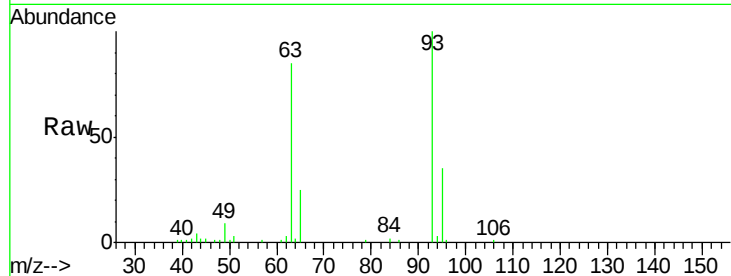
Tot Ion: 93 Resp: 29661

Ion Ratio Lower Upper

93 100

63 84.5 58.6 98.6

95 34.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 2.86 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

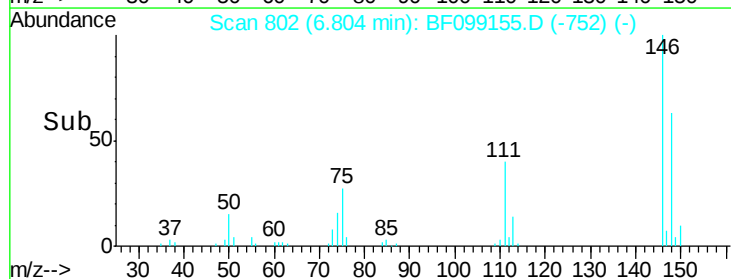
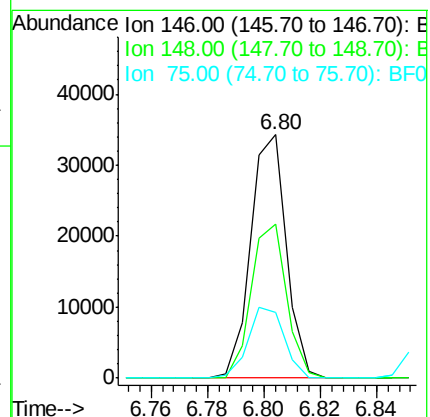
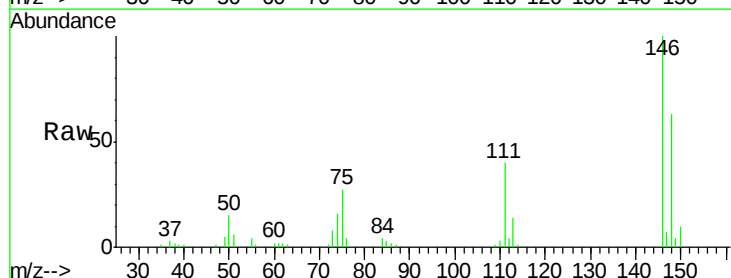
Tgt Ion: 146 Resp: 30065

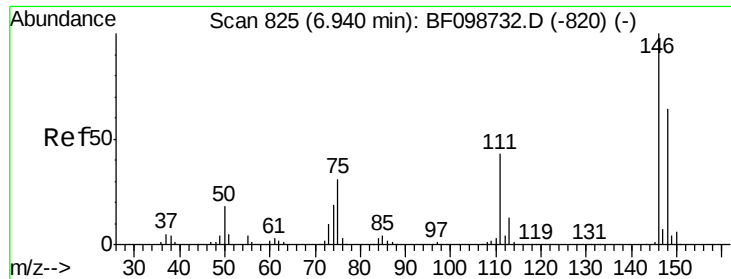
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

75 27.0 24.2 36.4

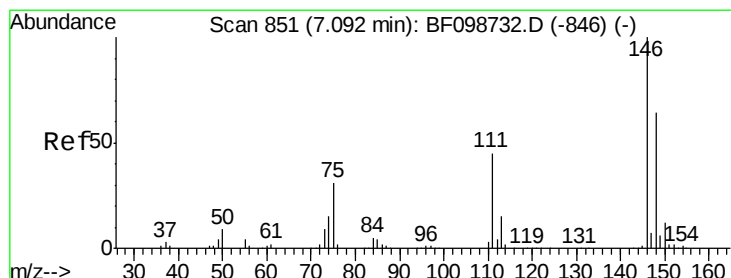
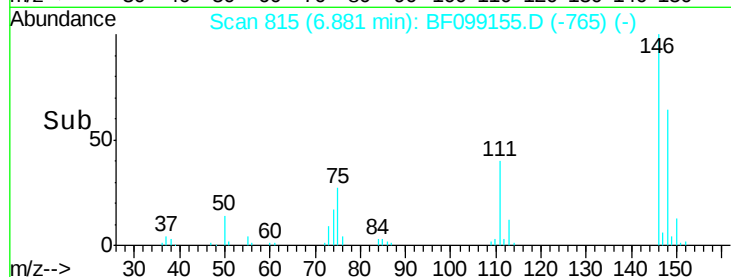
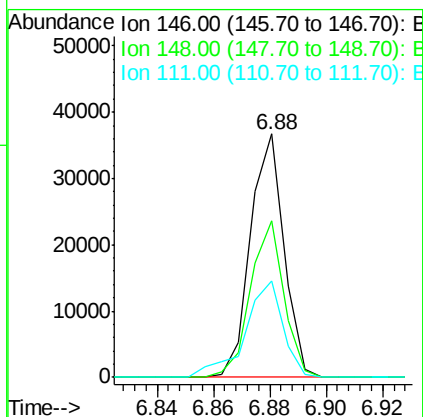
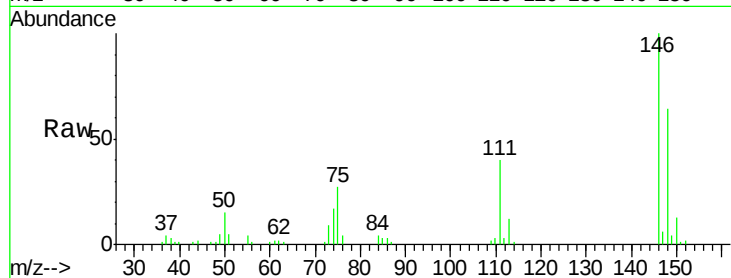




#13  
 1,4-Dichlorobenzene  
 Concen: 2.82 ng  
 RT: 6.88 min Scan# 815  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

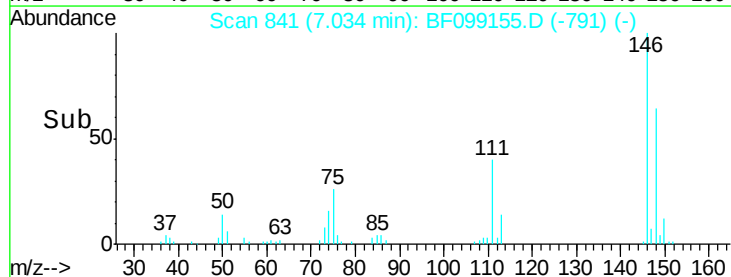
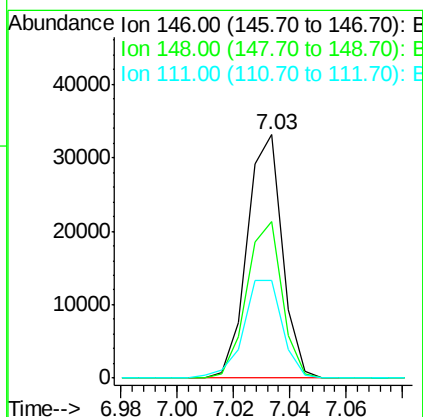
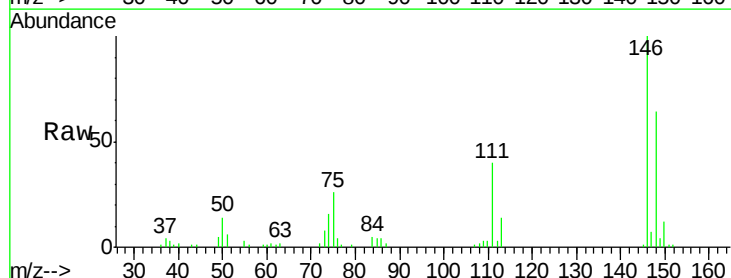
Instrument :  
 BNA\_F  
 ClientSampleId :

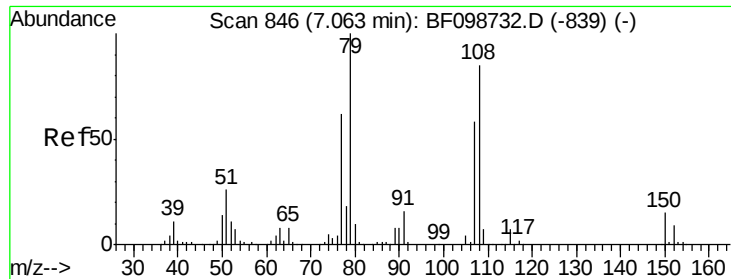
Tot Ion:146 Resp: 30199  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 50.8 76.2  
 111 39.7 34.2 51.2



#14  
 1,2-Dichlorobenzene  
 Concen: 2.88 ng  
 RT: 7.03 min Scan# 841  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

Tgt Ion:146 Resp: 28522  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 50.6 75.8  
 111 40.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampled :

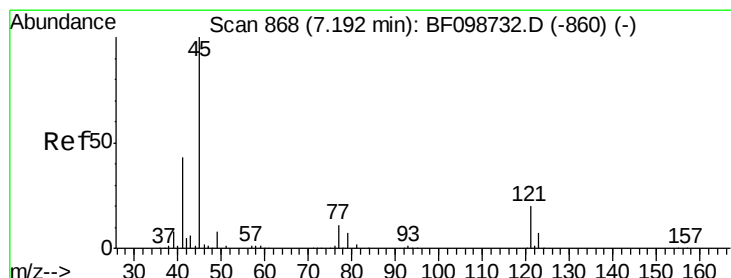
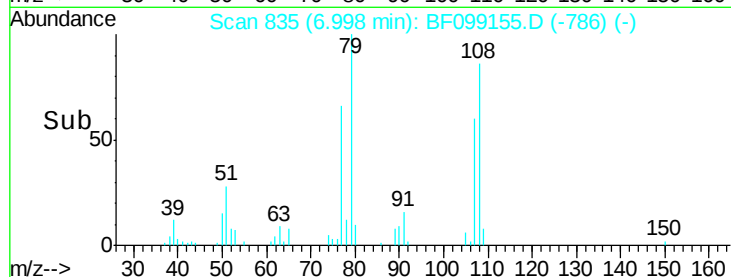
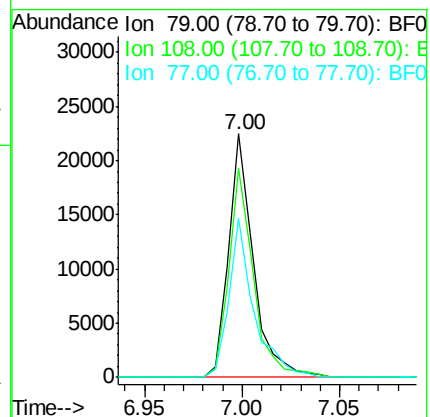
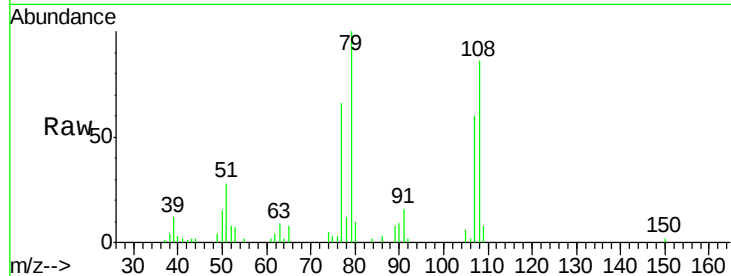
Tot Ion: 79 Resp: 19835

Ion Ratio Lower Upper

79 100

108 85.7 65.1 97.7

77 65.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.91 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

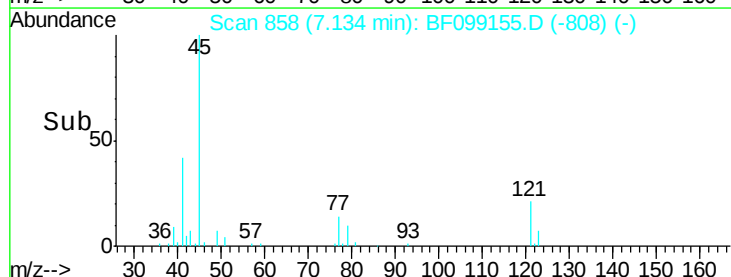
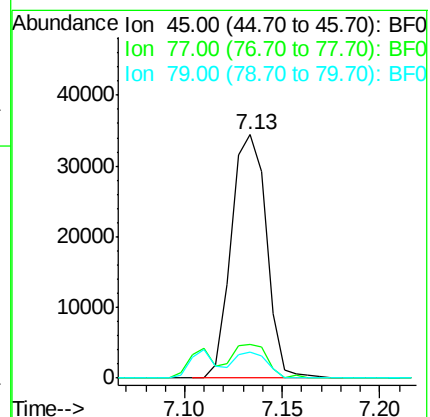
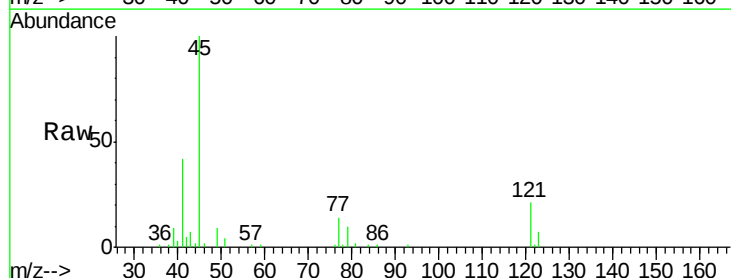
Tgt Ion: 45 Resp: 43092

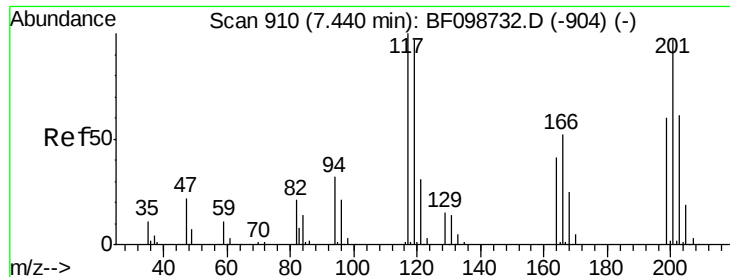
Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.9

79 10.5 0.0 29.6

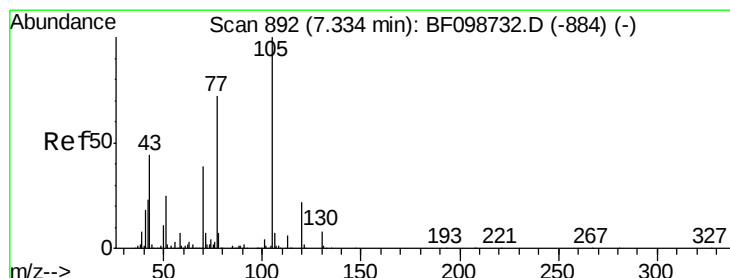
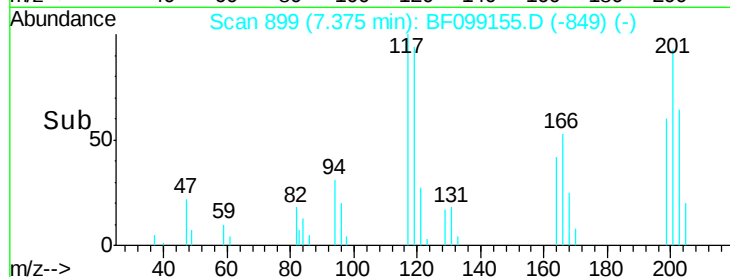
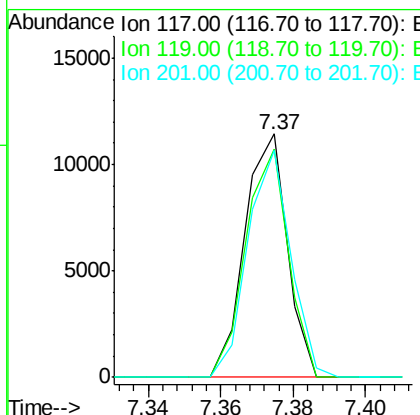
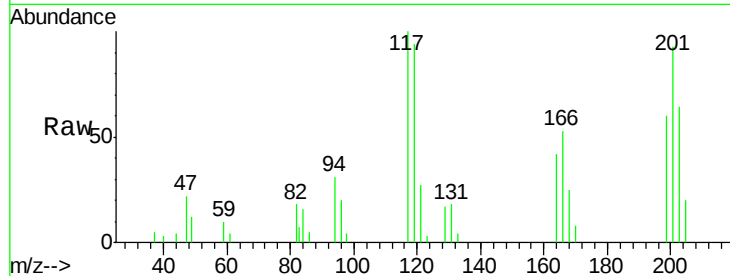




#18  
Hexachloroethane  
Concen: 2.43 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

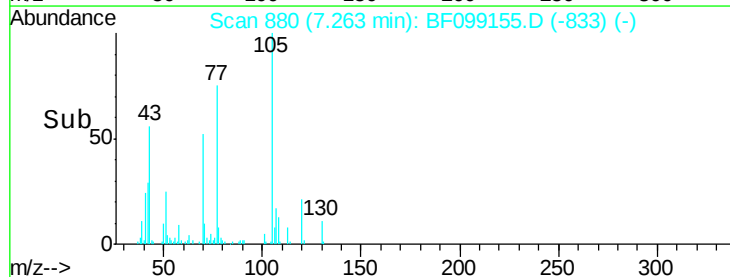
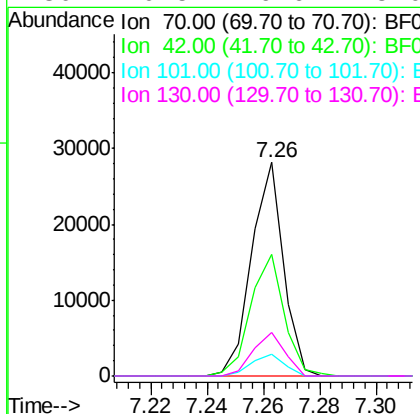
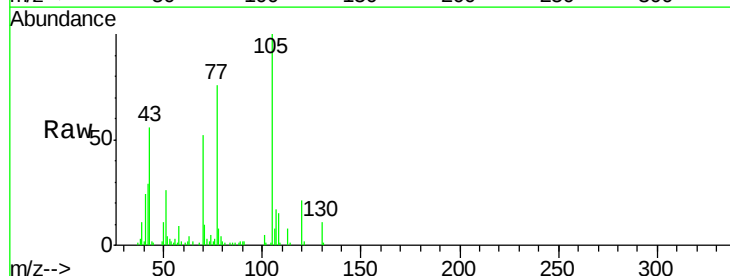
Instrument :  
BNA\_F  
ClientSampleId :

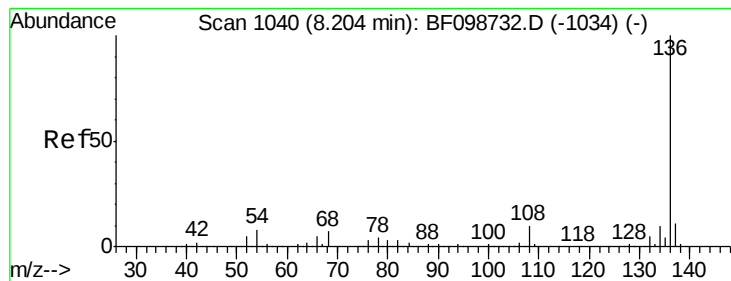
Tot Ion:117 Resp: 9359  
Ion Ratio Lower Upper  
117 100  
119 93.6 75.8 113.8  
201 93.4 75.7 113.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 3.16 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion: 70 Resp: 22097  
Ion Ratio Lower Upper  
70 100  
42 56.9 47.5 71.3  
101 10.0 7.4 11.2  
130 20.5 16.6 25.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 574828

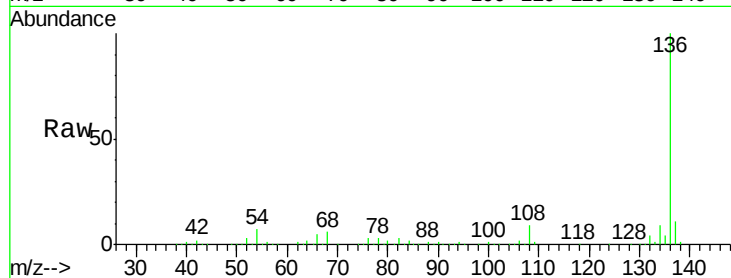
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 6.0 5.0 7.4

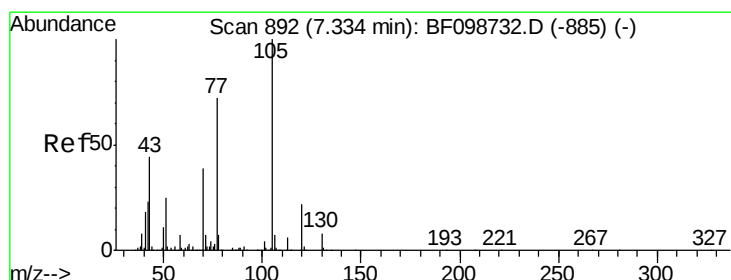
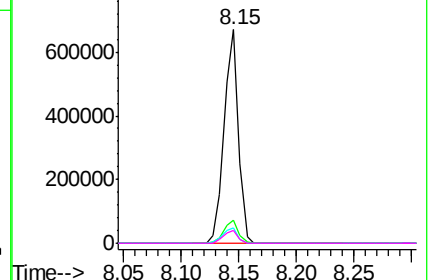
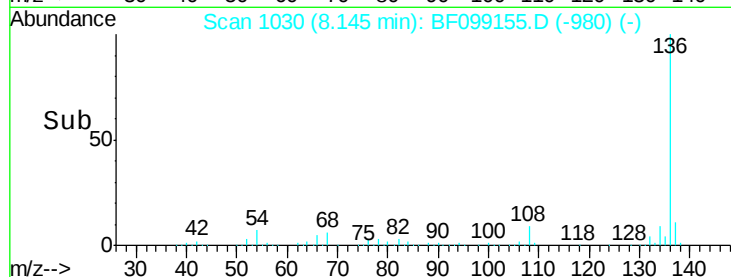


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 3.35 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Tgt Ion:105 Resp: 46652

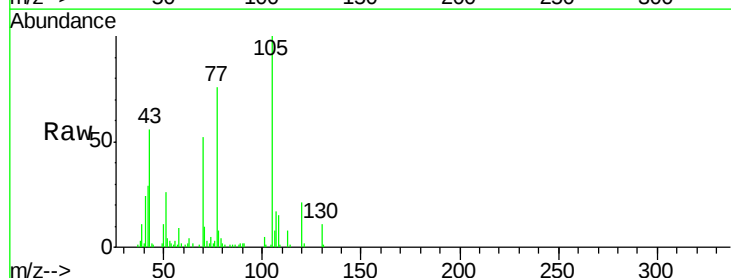
Ion Ratio Lower Upper

105 100

71 9.6 4.4 6.6#

51 26.5 22.3 33.5

120 21.1 16.9 25.3

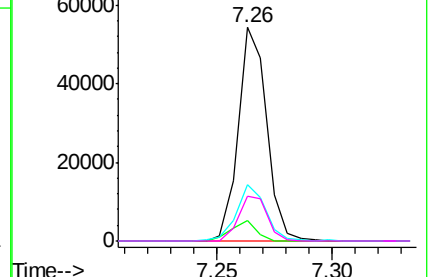
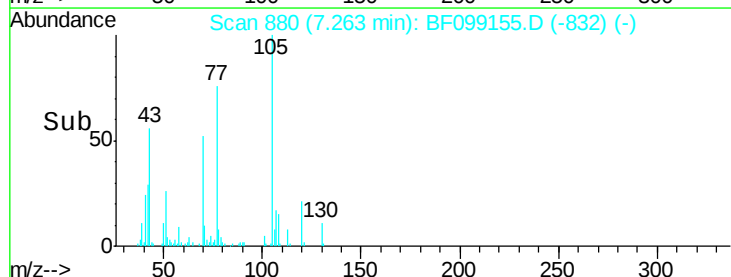


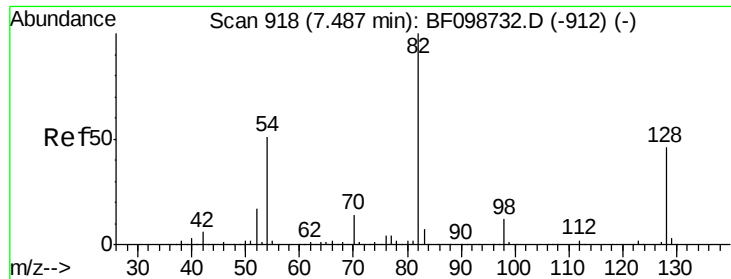
Abundance Ion 105.00 (104.70 to 105.70): E

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

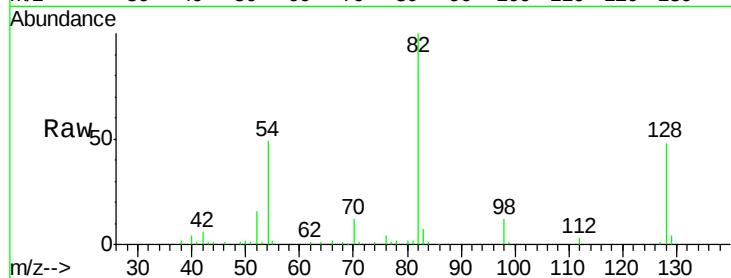




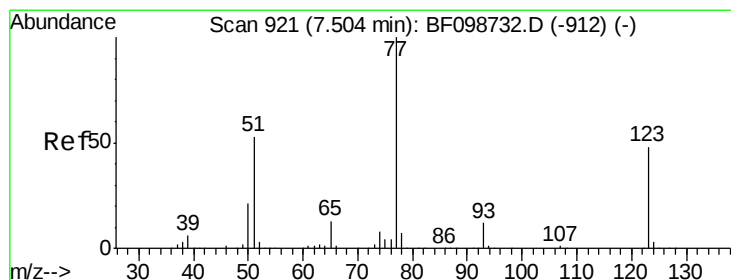
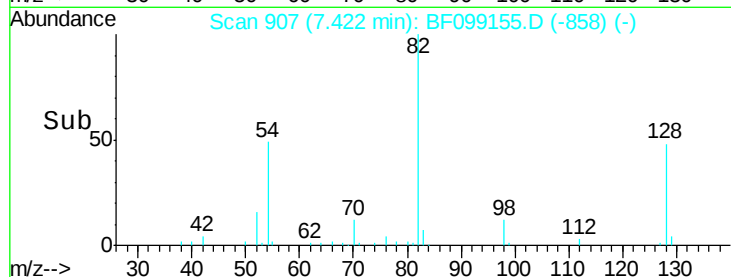
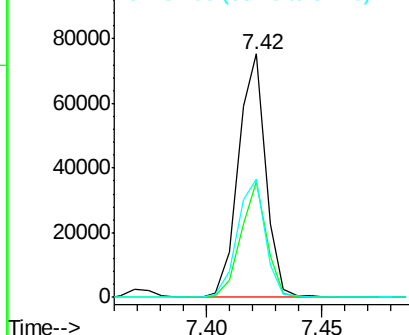
#23  
Nitrobenzene-d5  
Concen: 6.92 ng  
RT: 7.42 min Scan# 907  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 62061  
Ion Ratio Lower Upper  
82 100  
128 47.7 36.1 54.1  
54 48.6 41.4 62.2

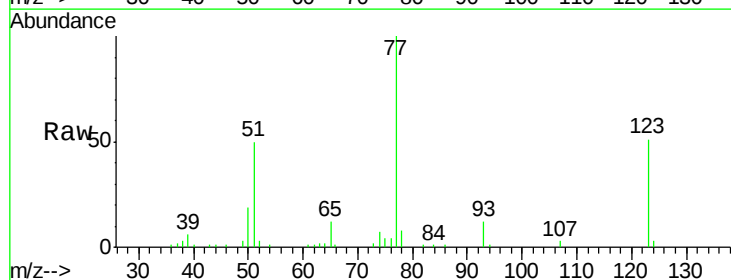


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

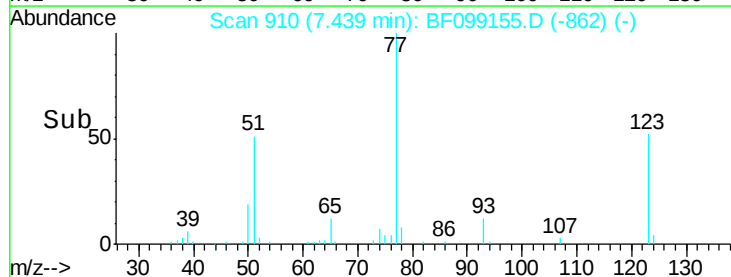
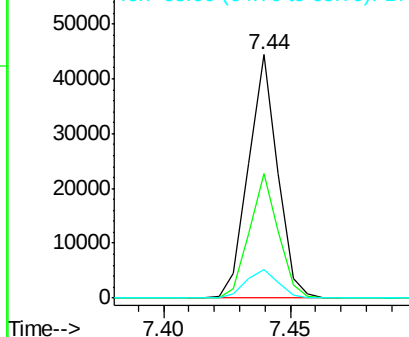


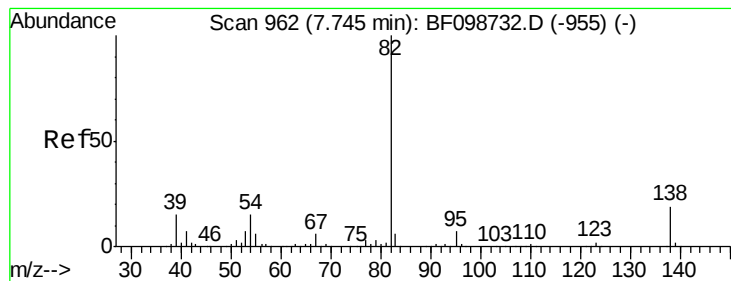
#24  
Nitrobenzene  
Concen: 3.50 ng  
RT: 7.44 min Scan# 910  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion: 77 Resp: 35608  
Ion Ratio Lower Upper  
77 100  
123 51.0 37.9 56.9  
65 11.6 11.0 16.4



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: 3.25 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampled :

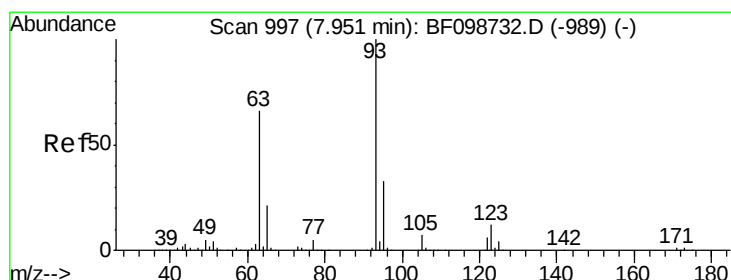
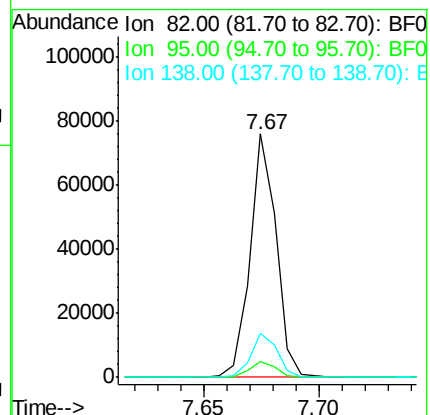
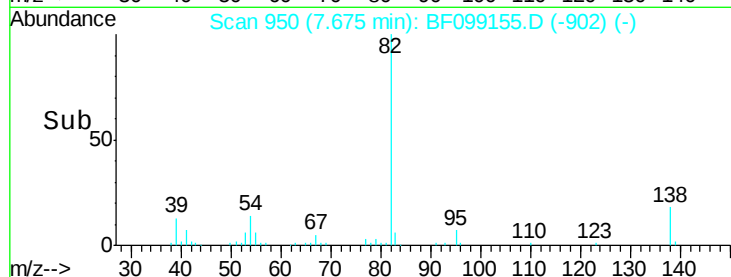
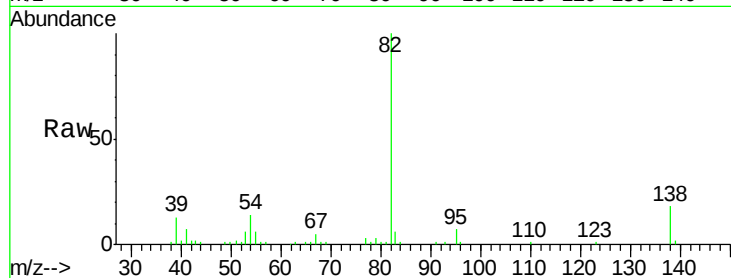
Tot Ion: 82 Resp: 60243

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.2 14.9 22.3



#28

bis(2-Chloroethoxy)methane

Concen: 3.24 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

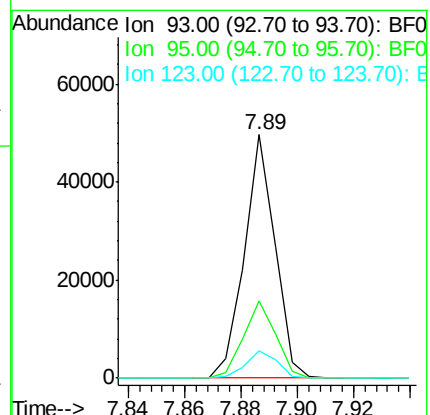
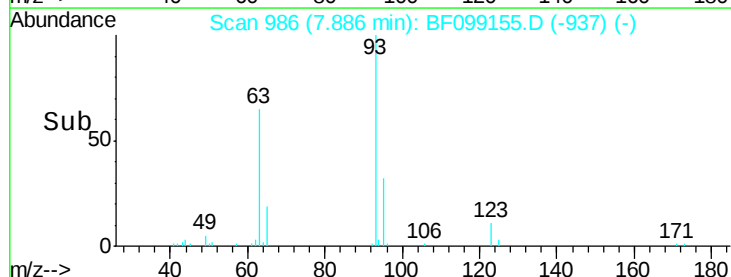
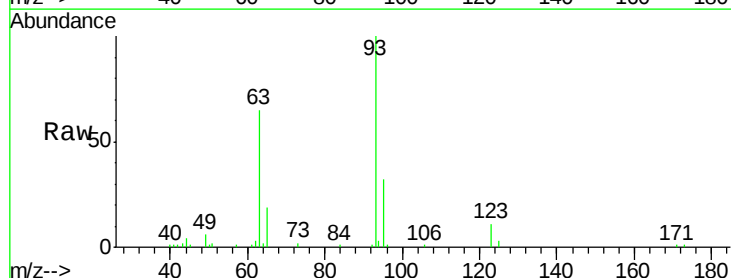
Tgt Ion: 93 Resp: 37388

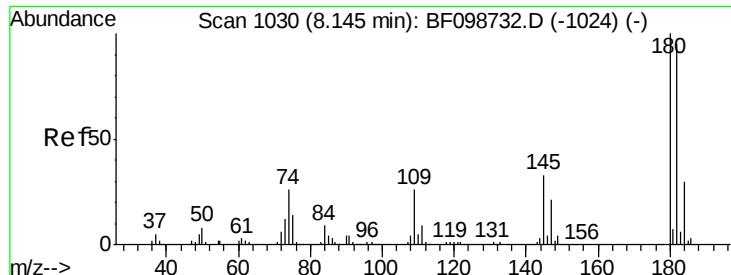
Ion Ratio Lower Upper

93 100

95 31.6 26.3 39.5

123 11.3 9.8 14.6

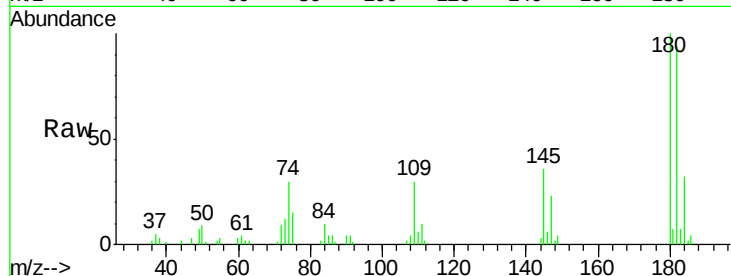




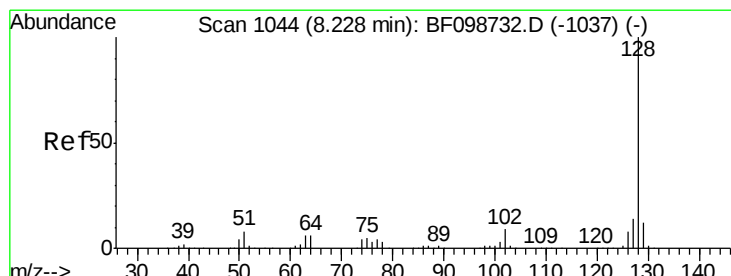
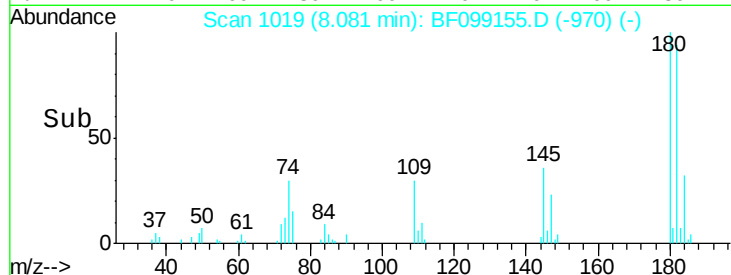
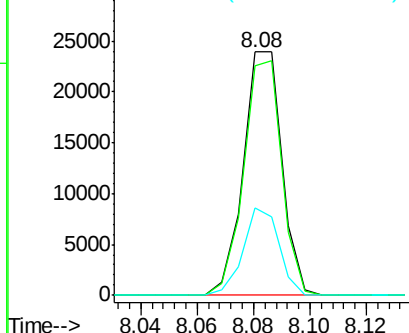
#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.87 ng  
 RT: 8.08 min Scan# 1019  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:180 Resp: 22742  
 Ion Ratio Lower Upper  
 180 100  
 182 94.5 76.8 115.2  
 145 35.7 26.5 39.7

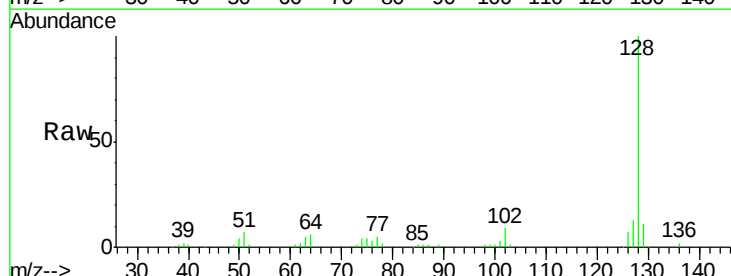


Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

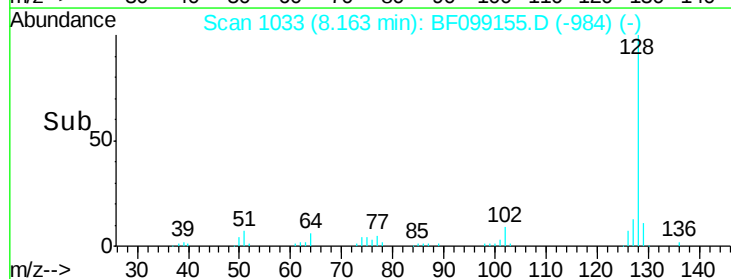
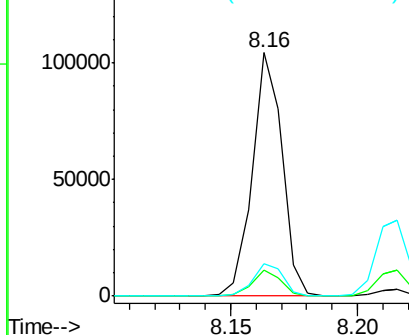


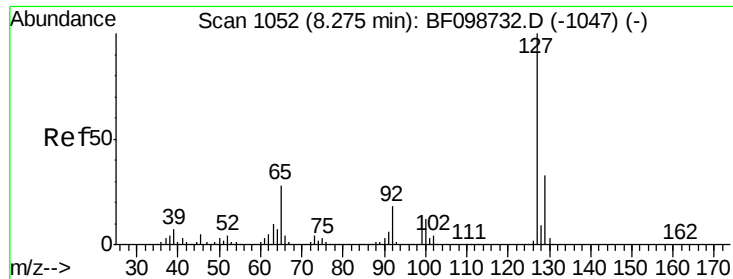
#31  
 Naphthalene  
 Concen: 3.17 ng  
 RT: 8.16 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

Tgt Ion:128 Resp: 85456  
 Ion Ratio Lower Upper  
 128 100  
 129 10.9 8.8 13.2  
 127 13.5 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

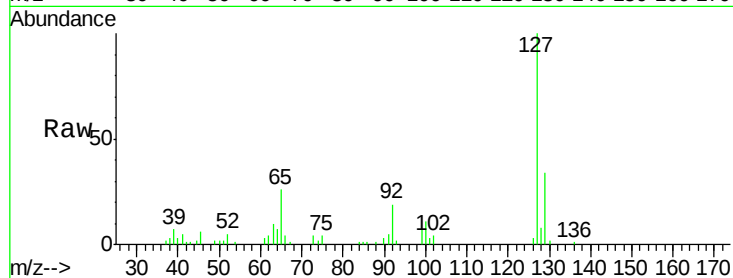




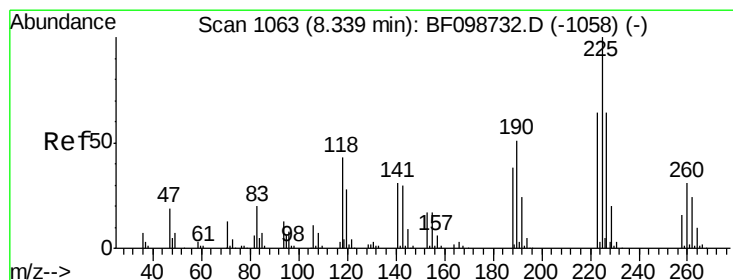
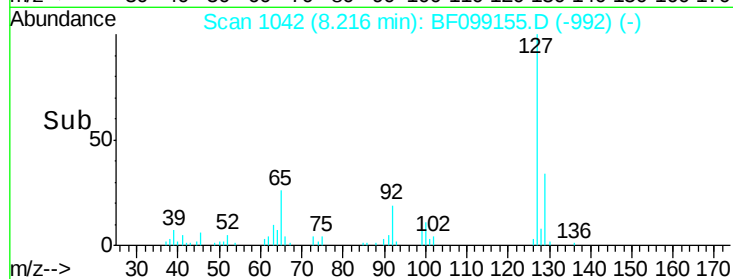
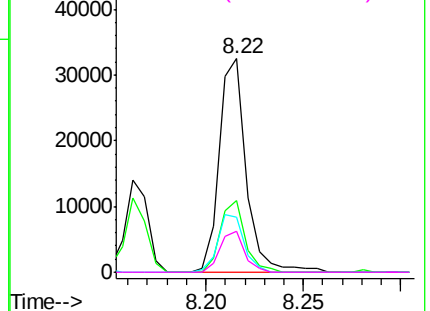
#33  
4-Chloroaniline  
Concen: 2.76 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 31144 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.6  | 25.9  | 38.9  |
| 65       | 26.0  | 25.0  | 37.4  |
| 92       | 19.1  | 15.2  | 22.8  |

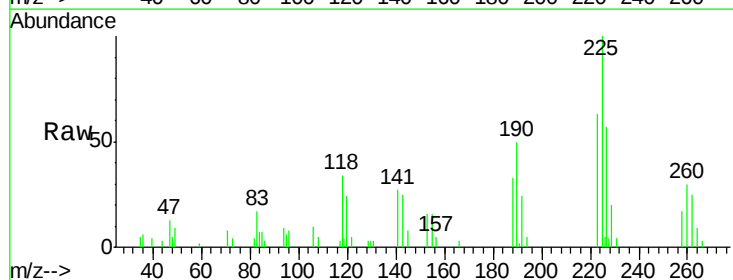


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

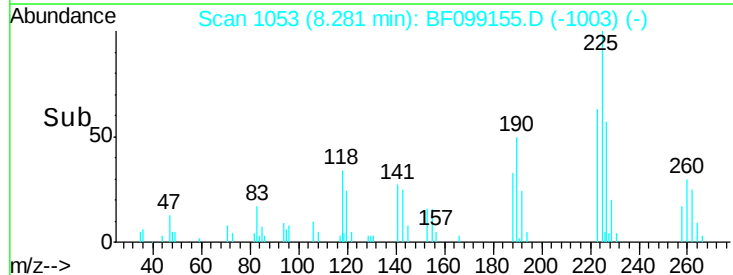
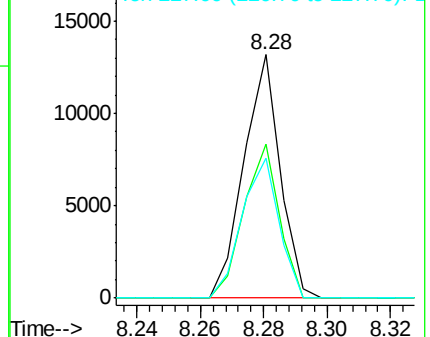


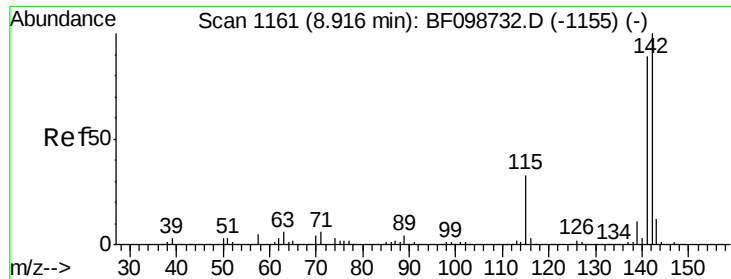
#34  
Hexachlorobutadiene  
Concen: 2.55 ng  
RT: 8.28 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 10430 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.0  | 50.6  | 76.0  |
| 227      | 60.8  | 51.9  | 77.9  |



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

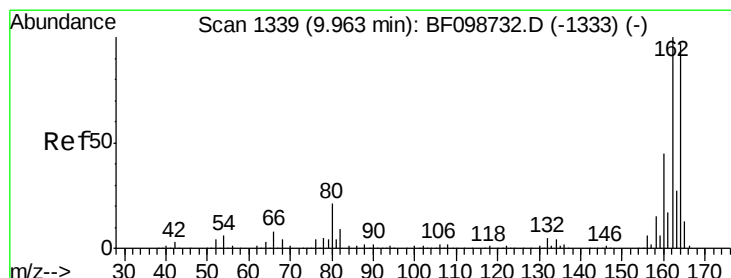
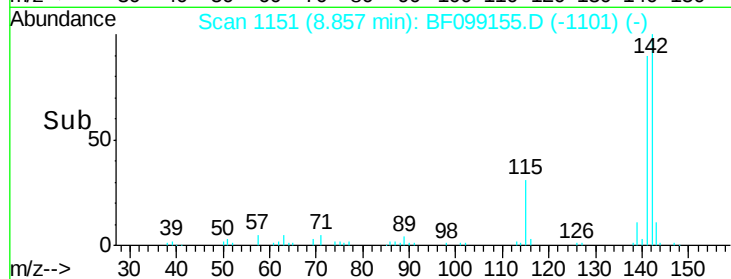
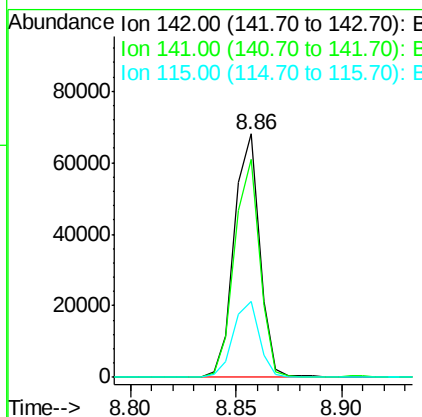
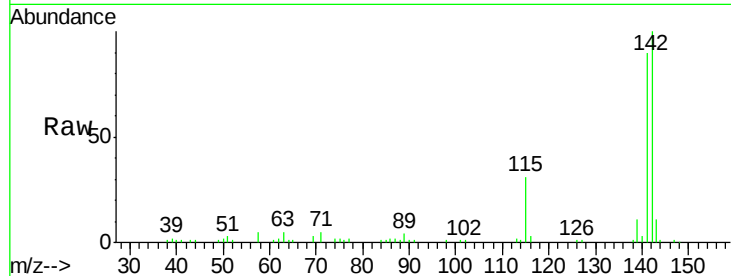




#37  
2-Methylnaphthalene  
Concen: 3.23 ng  
RT: 8.86 min Scan# 1151  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

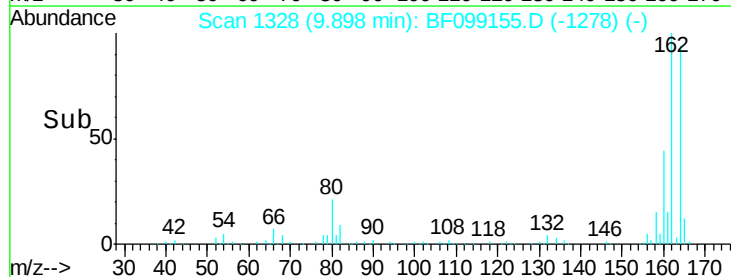
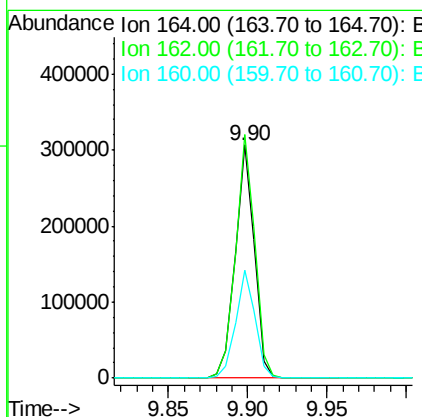
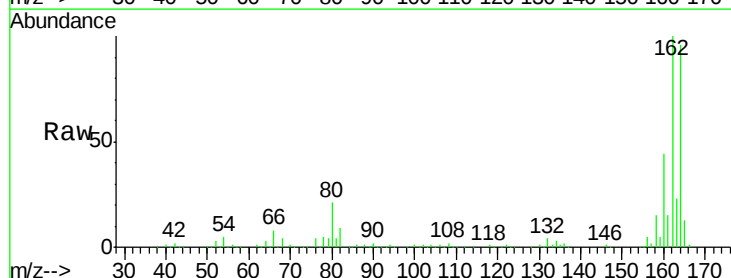
Instrument :  
BNA\_F  
ClientSampleId :

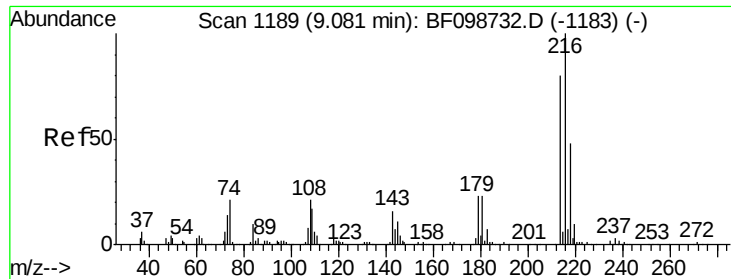
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 70.8  | 106.2 |
| 115     | 31.3  | 26.1  | 39.1  |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.4 | 86.1  | 129.1 |
| 160     | 46.2  | 38.3  | 57.5  |

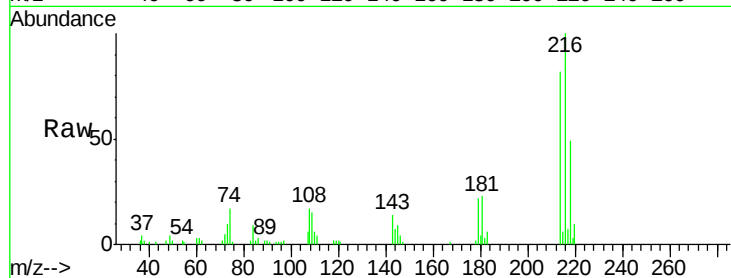




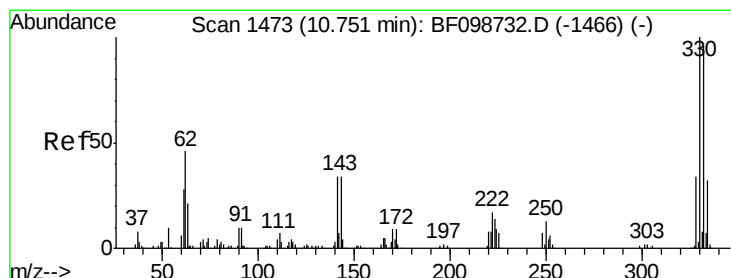
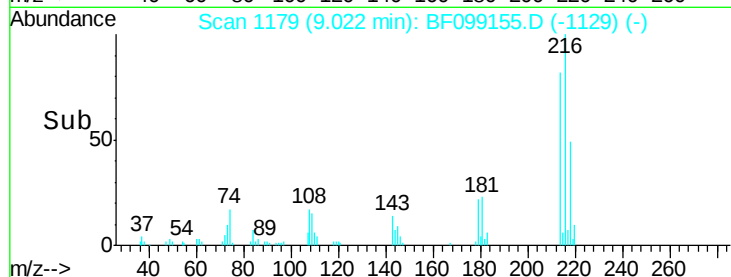
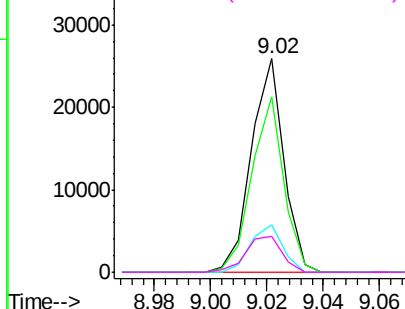
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 2.70 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 20621     |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 80.9  | 63.0 94.4 |
| 179         | 22.1  | 18.1 27.1 |
| 108         | 19.0  | 17.2 25.8 |

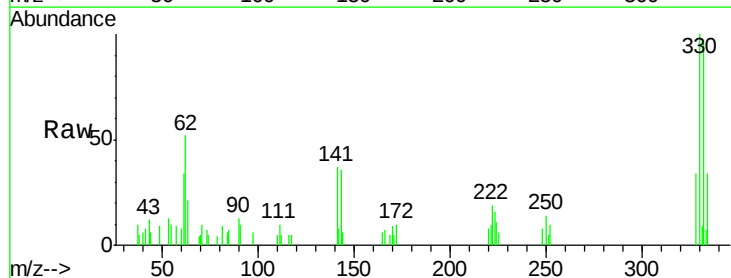


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

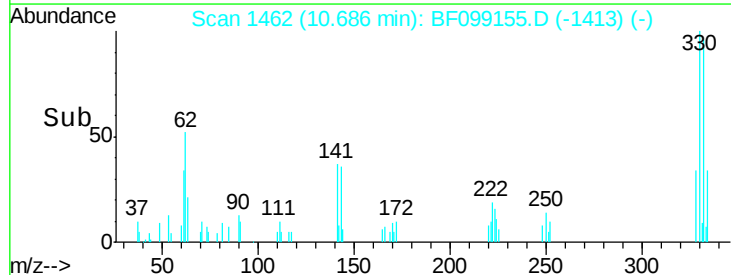
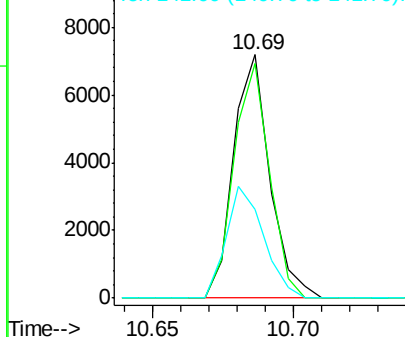


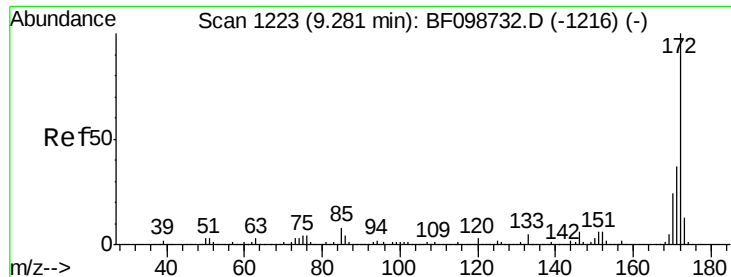
#41  
 2,4,6-Tribromophenol  
 Concen: 3.06 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 6411       |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 94.3  | 77.0 115.6 |
| 141         | 47.4  | 29.9 44.9# |



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

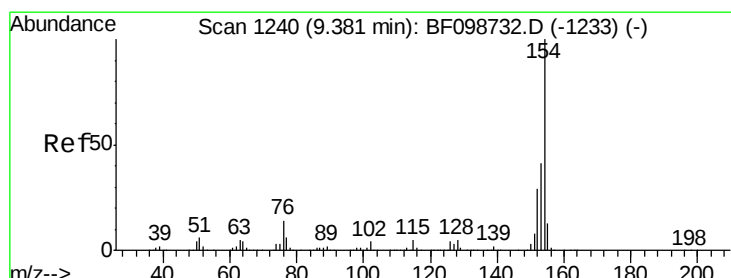
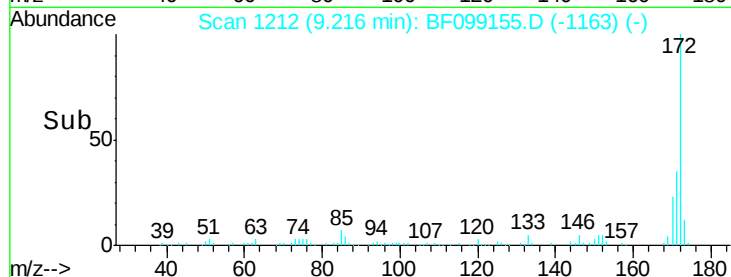
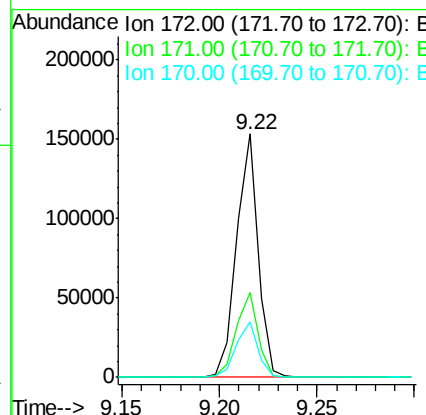
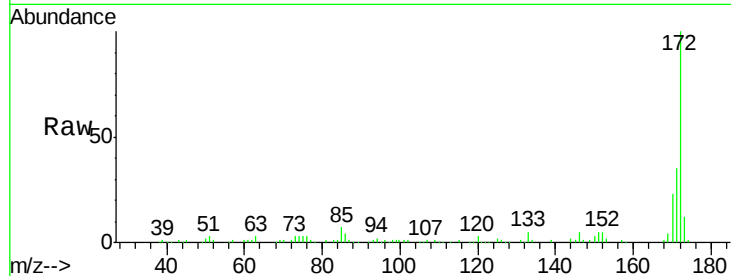




#44  
2-Fluorobiphenyl  
Concen: 7.67 ng  
RT: 9.22 min Scan# 1212  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

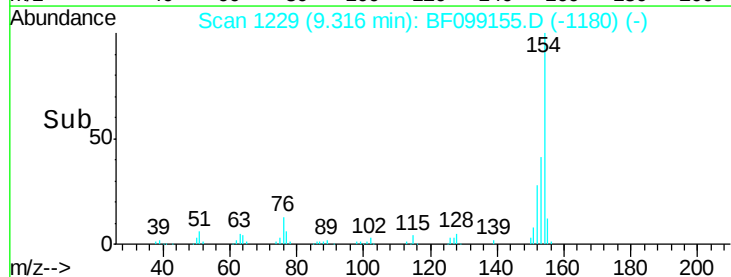
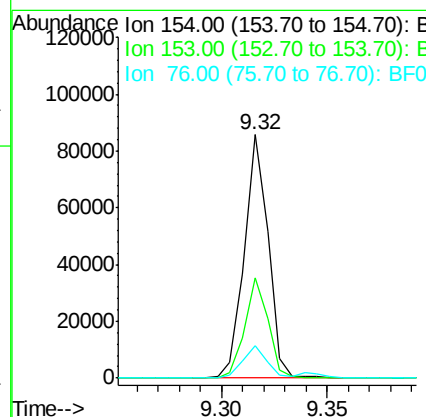
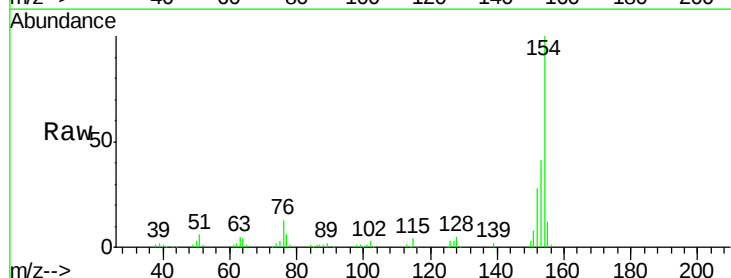
Instrument :  
BNA\_F  
ClientSampleId :

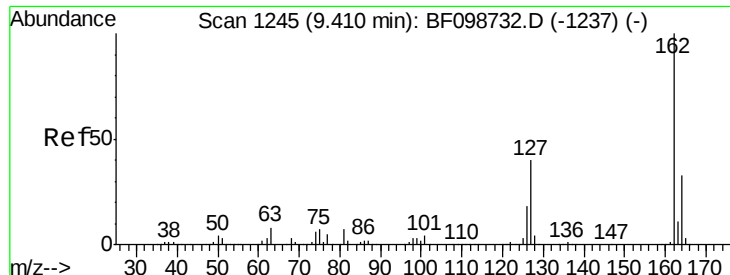
Tot Ion:172 Resp: 117784  
Ion Ratio Lower Upper  
172 100  
171 35.0 29.7 44.5  
170 22.7 19.6 29.4



#45  
1,1'-Biphenyl  
Concen: 3.02 ng  
RT: 9.32 min Scan# 1229  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion:154 Resp: 66534  
Ion Ratio Lower Upper  
154 100  
153 41.3 21.3 61.3  
76 13.3 0.0 34.0

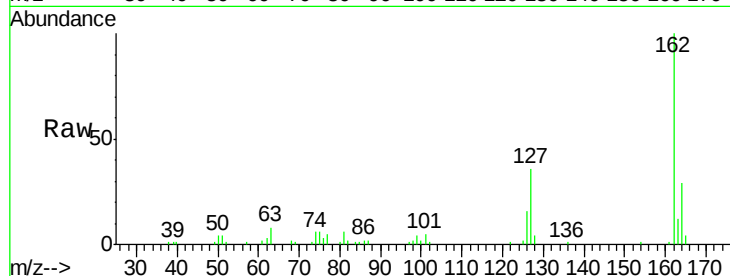




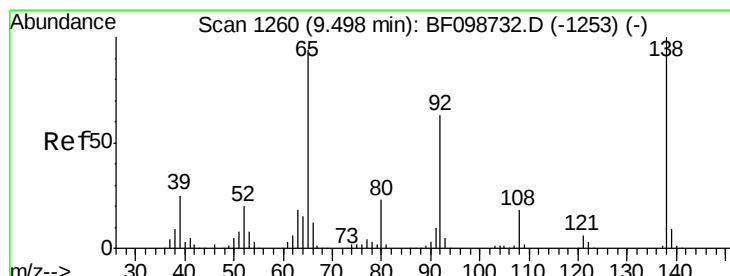
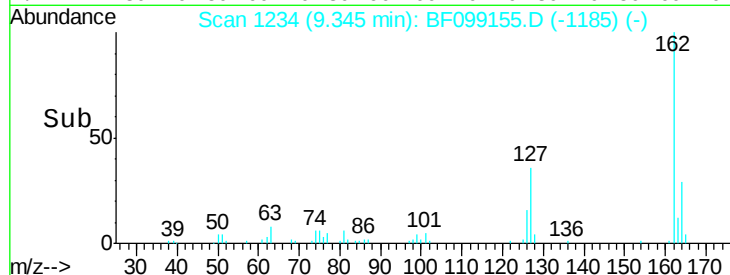
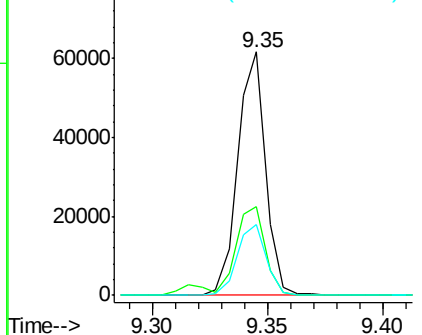
#46  
 2-Chloronaphthalene  
 Concen: 3.12 ng  
 RT: 9.35 min Scan# 1234  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 51686  
 Ion Ratio Lower Upper  
 162 100  
 127 36.5 33.9 50.9  
 164 29.1 26.5 39.7

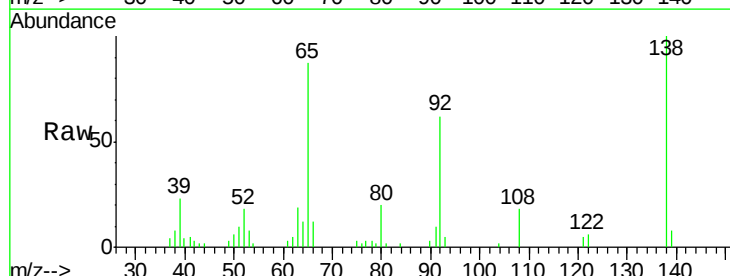


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

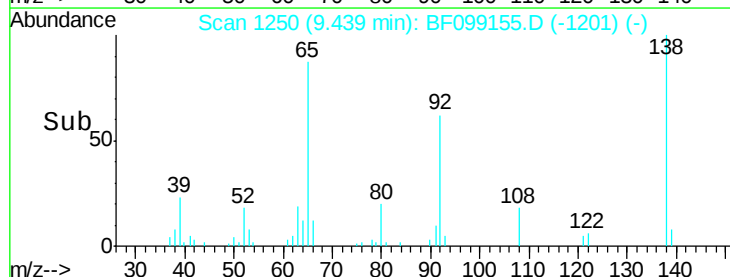
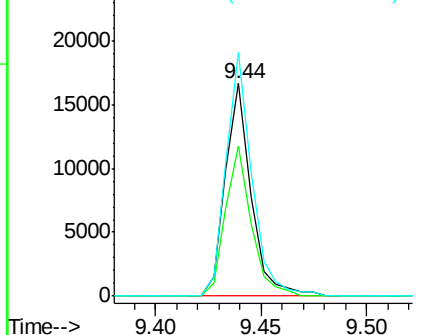


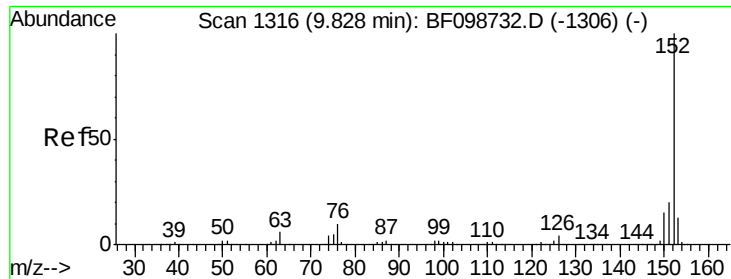
#47  
 2-Nitroaniline  
 Concen: 2.79 ng  
 RT: 9.44 min Scan# 1250  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

Tgt Ion: 65 Resp: 14115  
 Ion Ratio Lower Upper  
 65 100  
 92 70.9 55.8 83.6  
 138 114.6 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0  
 Ion 92.00 (91.70 to 92.70): BF0  
 Ion 138.00 (137.70 to 138.70): E

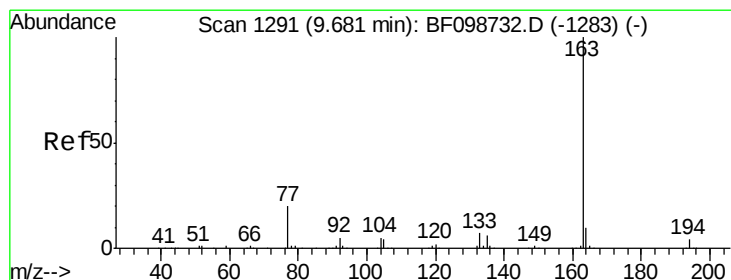
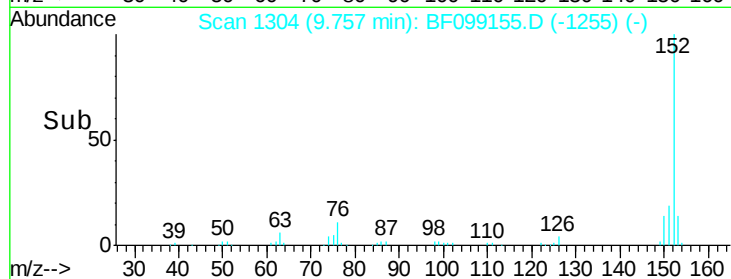
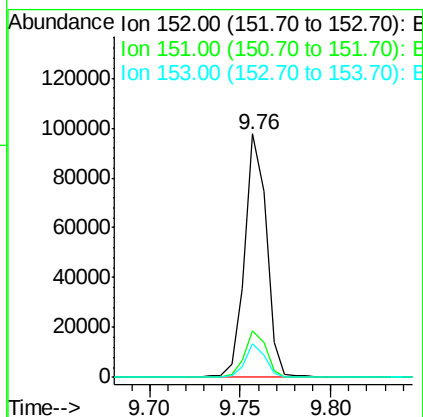
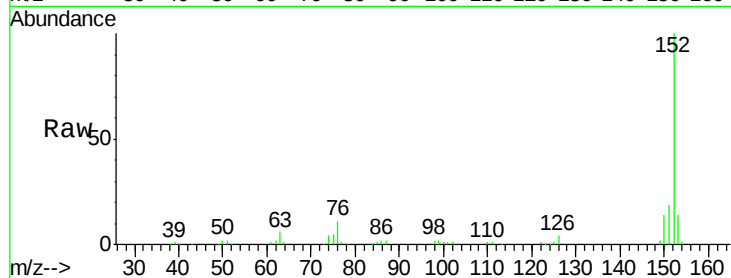




#48  
Acenaphthylene  
Concen: 3.22 ng  
RT: 9.76 min Scan# 1304  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

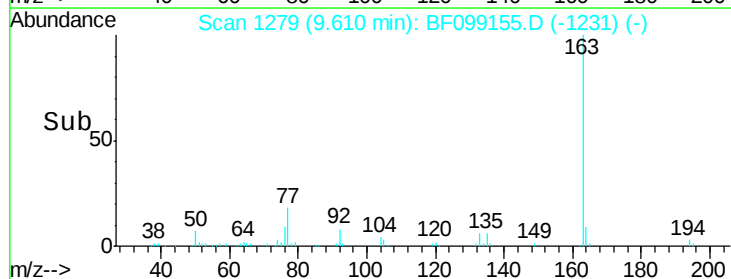
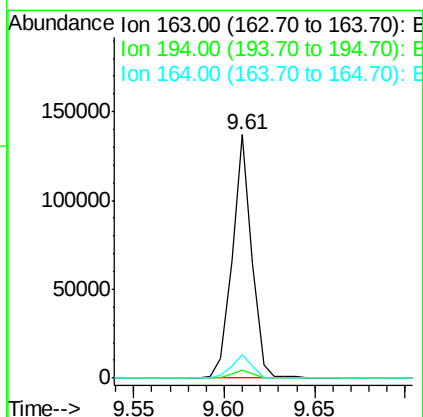
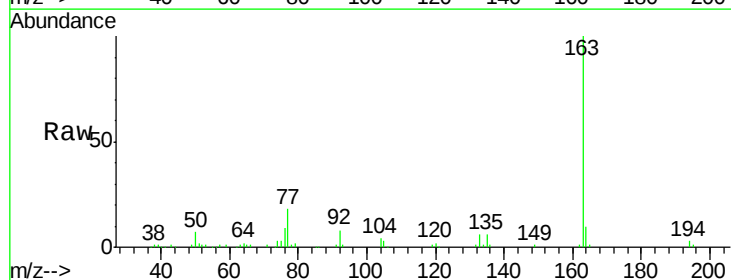
Instrument :  
BNA\_F  
ClientSampleId :

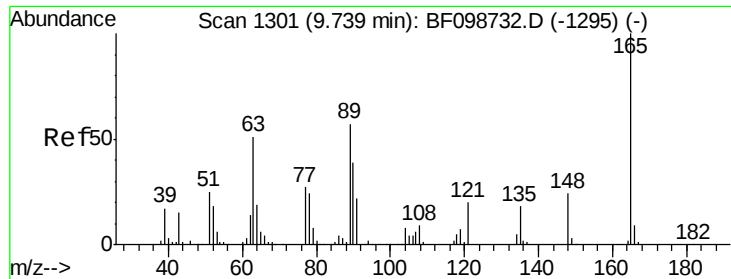
Tot Ion:152 Resp: 81469  
Ion Ratio Lower Upper  
152 100  
151 19.1 16.3 24.5  
153 13.6 10.7 16.1



#49  
Dimethylphthalate  
Concen: 5.29 ng  
RT: 9.61 min Scan# 1279  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion:163 Resp: 102278  
Ion Ratio Lower Upper  
163 100  
194 3.2 2.7 4.1  
164 9.7 8.2 12.2

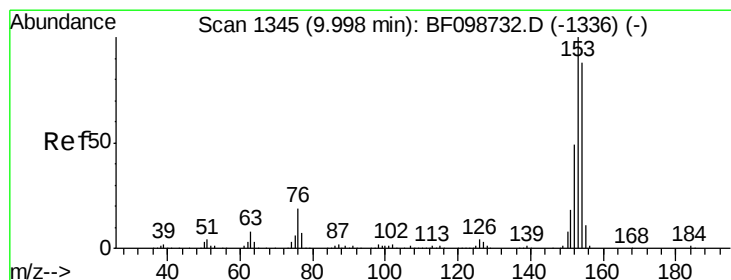
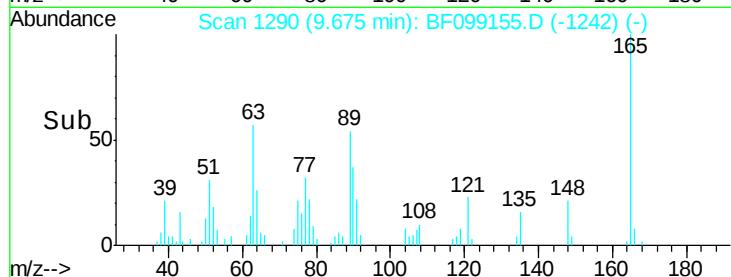
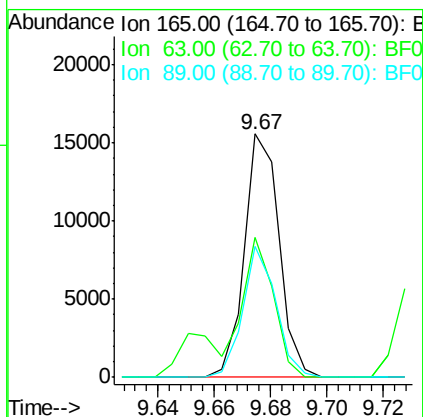
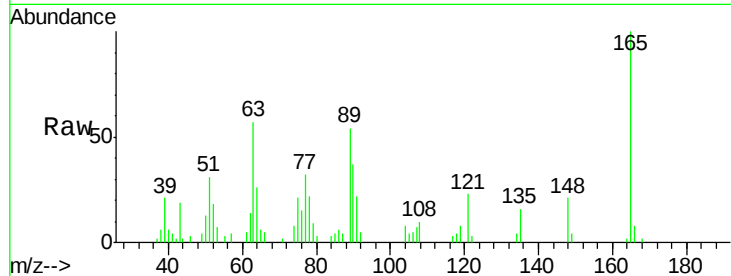




#50  
2,6-Dinitrotoluene  
Concen: 3.15 ng  
RT: 9.67 min Scan# 1290  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

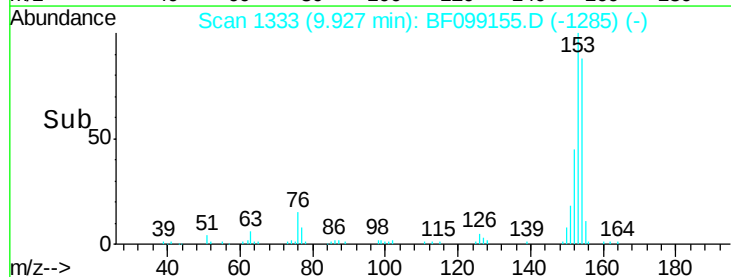
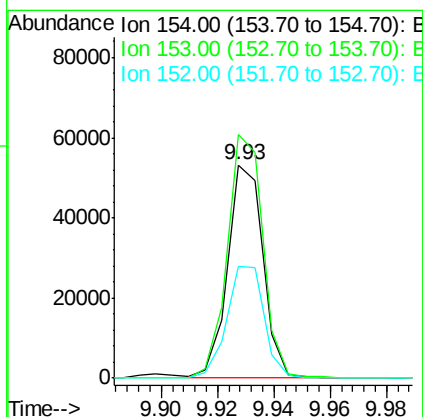
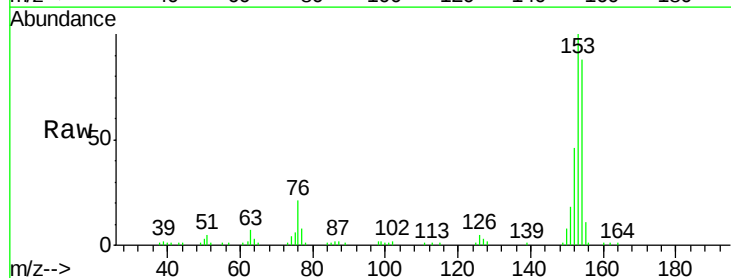
Instrument :  
BNA\_F  
ClientSampleId :

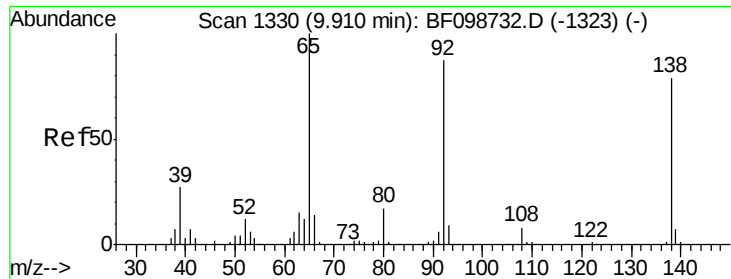
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 57.3  | 44.7  | 67.1  |
| 89      | 53.7  | 44.0  | 66.0  |



#51  
Acenaphthene  
Concen: 2.89 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.3 | 91.2  | 136.8 |
| 152     | 52.4  | 43.8  | 65.8  |

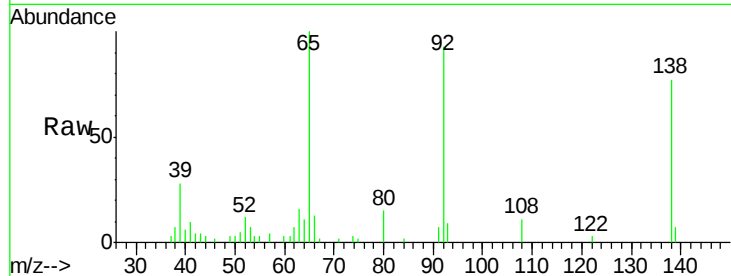




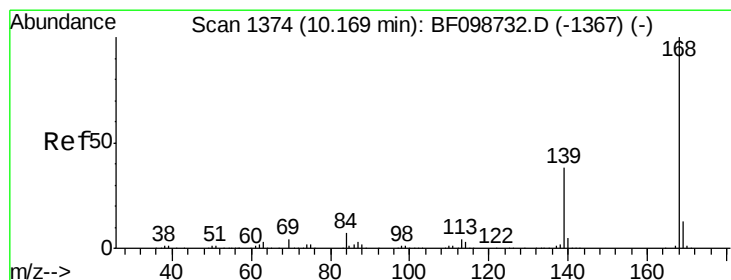
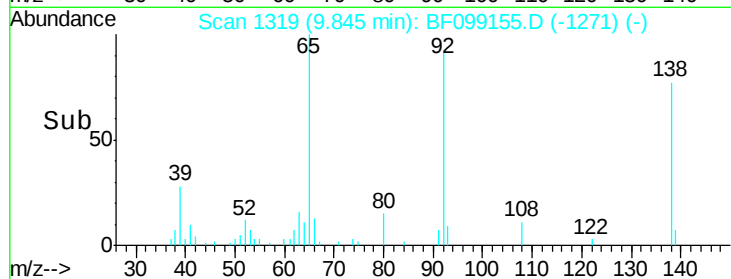
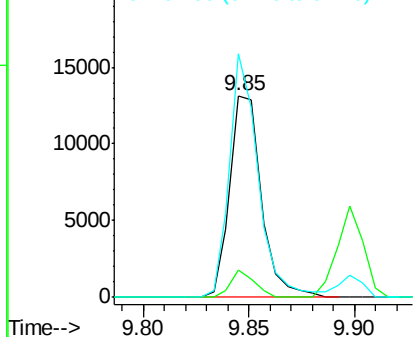
#52  
3-Nitroaniline  
Concen: 2.77 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 13600  
Ion Ratio Lower Upper  
138 100  
108 13.7 9.4 14.0  
92 120.6 89.4 134.2

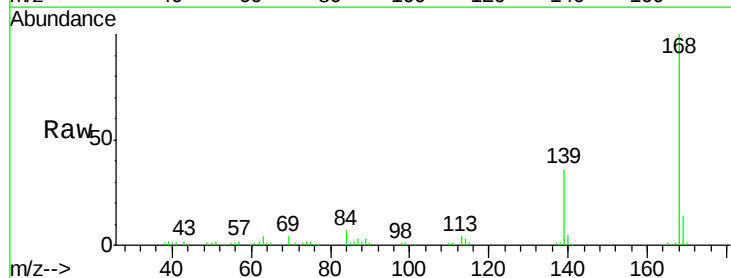


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0

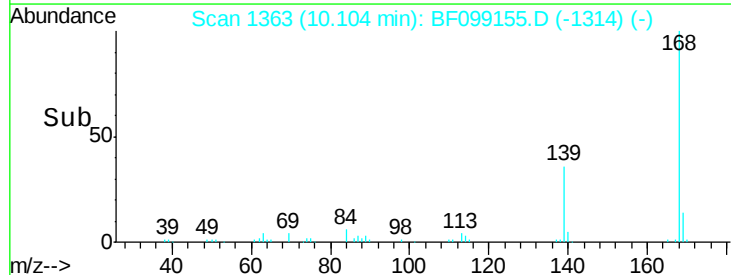
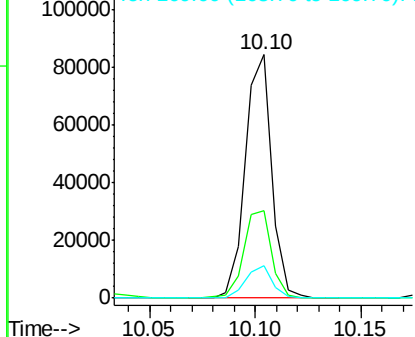


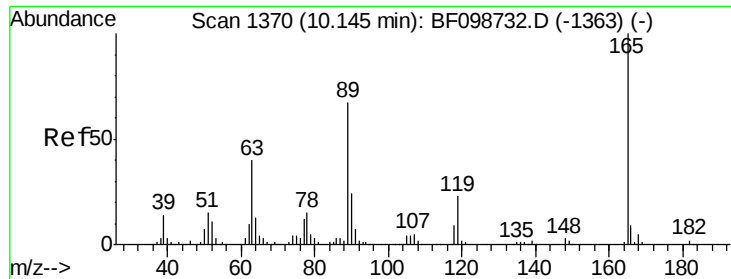
#54  
Dibenzofuran  
Concen: 3.43 ng  
RT: 10.10 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion:168 Resp: 73199  
Ion Ratio Lower Upper  
168 100  
139 36.0 30.1 45.1  
169 13.5 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

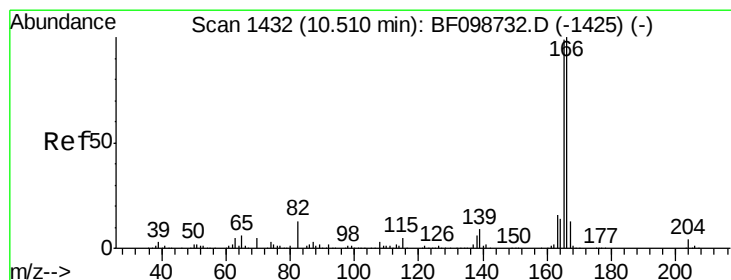
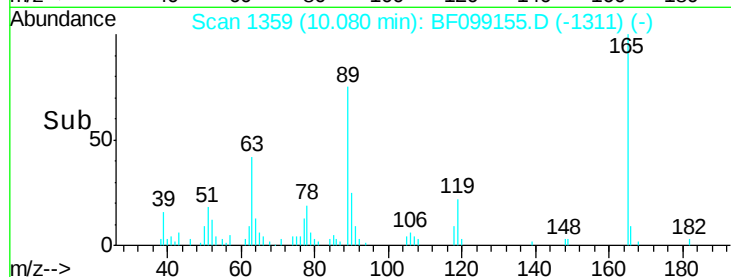
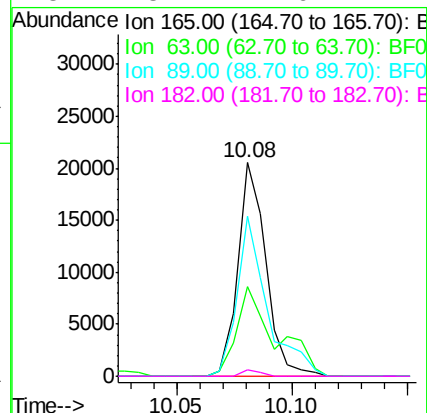
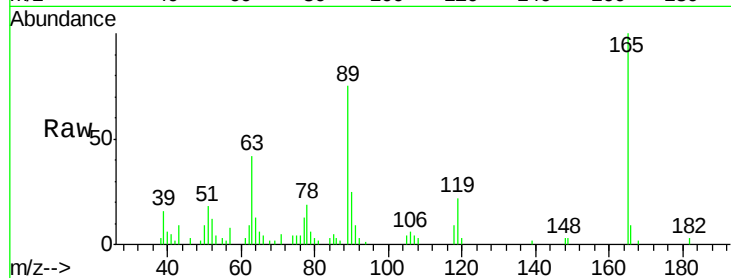




#56  
2,4-Dinitrotoluene  
Concen: 3.18 ng  
RT: 10.08 min Scan# 1359  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

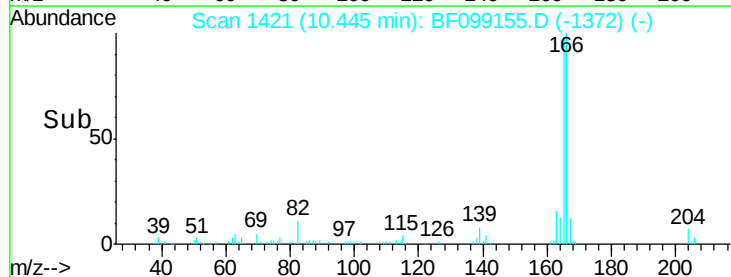
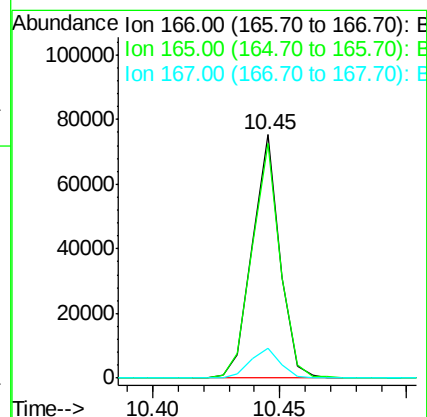
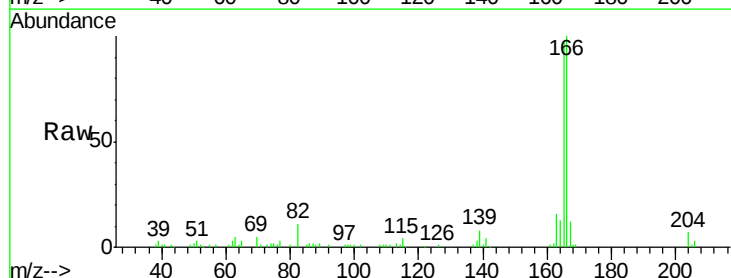
Instrument :  
BNA\_F  
ClientSampleId :

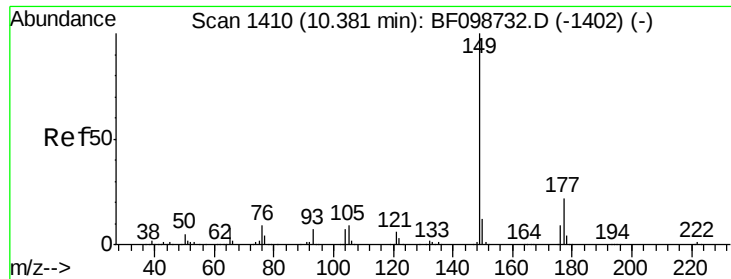
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.0  | 36.4  | 54.6  |
| 89      | 74.7  | 57.8  | 86.6  |
| 182     | 3.2   | 1.6   | 2.4   |



#57  
Fluorene  
Concen: 3.32 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.5  | 79.8  | 119.8 |
| 167     | 12.2  | 10.6  | 16.0  |

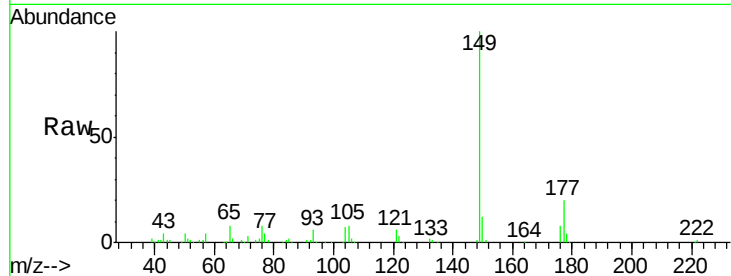




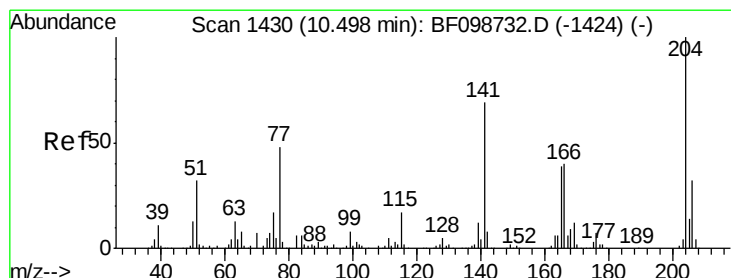
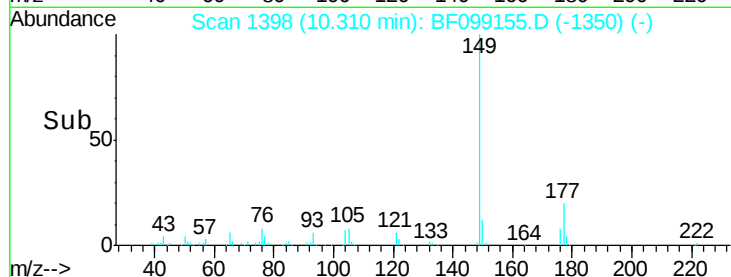
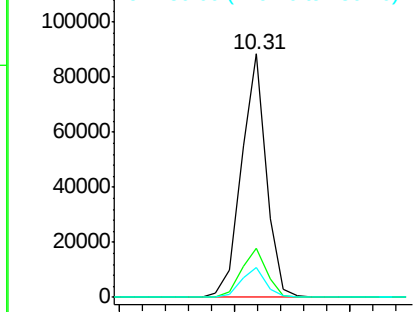
#59  
Diethylphthalate  
Concen: 3.50 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 66134  
Ion Ratio Lower Upper  
149 100  
177 20.2 16.1 24.1  
150 12.3 10.1 15.1

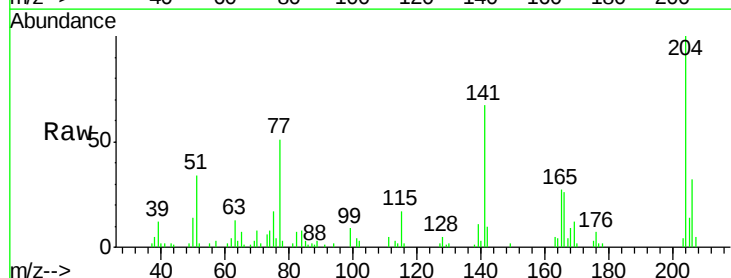


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

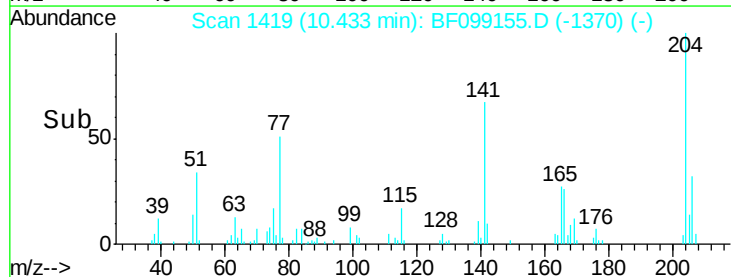
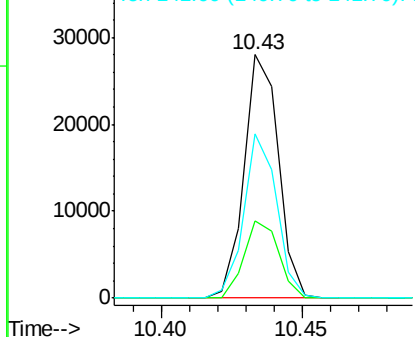


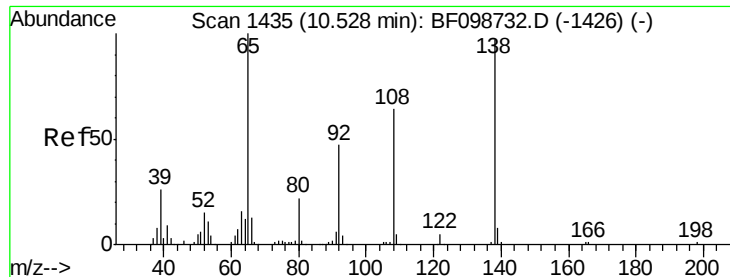
#60  
4-Chlorophenyl-phenylether  
Concen: 3.06 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion:204 Resp: 23611  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.5 39.7  
141 67.5 54.6 81.8



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

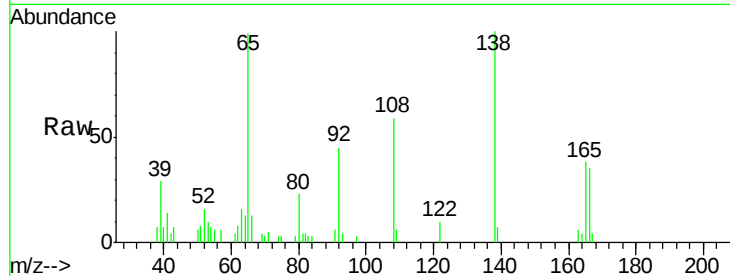




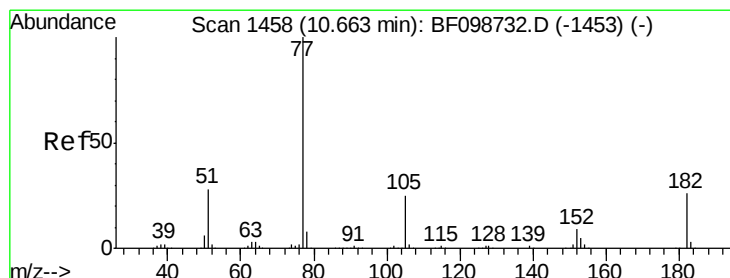
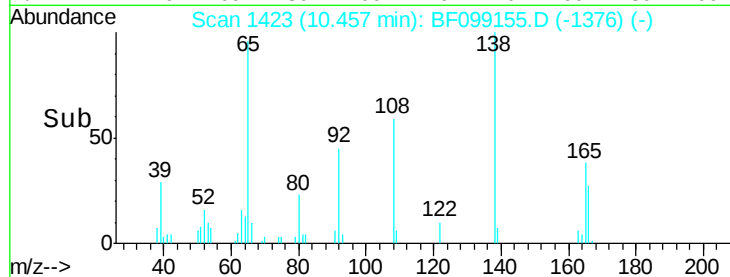
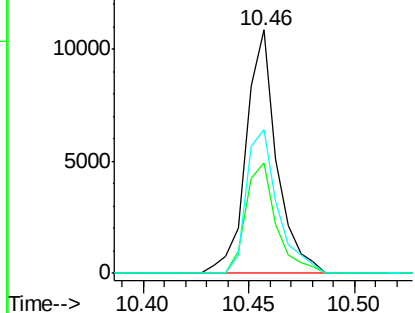
#61  
4-Nitroaniline  
Concen: 2.31 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 10959  
Ion Ratio Lower Upper  
138 100  
92 45.2 30.2 70.2  
108 59.0 52.5 92.5



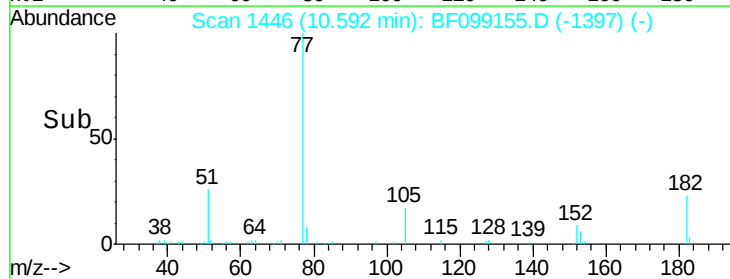
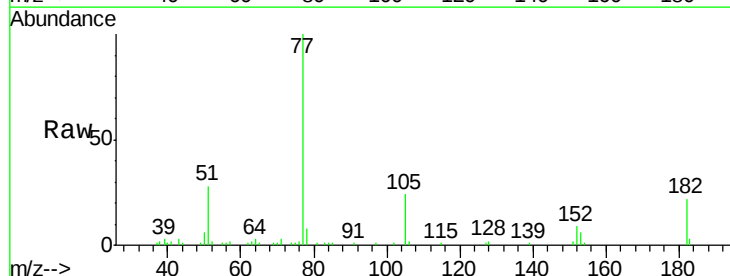
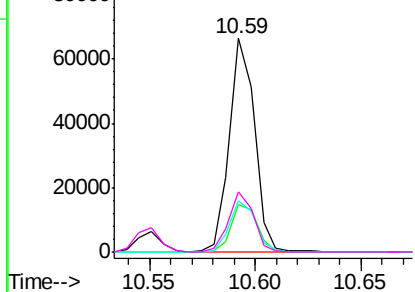
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

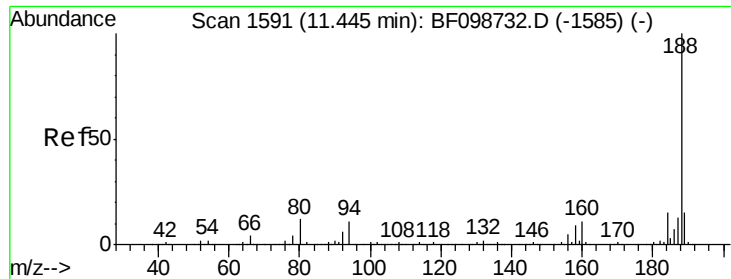


#62  
Azobenzene  
Concen: 3.15 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion: 77 Resp: 54798  
Ion Ratio Lower Upper  
77 100  
182 22.4 1.7 41.7  
105 24.0 3.0 43.0  
51 28.1 9.9 49.9

Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampleId :

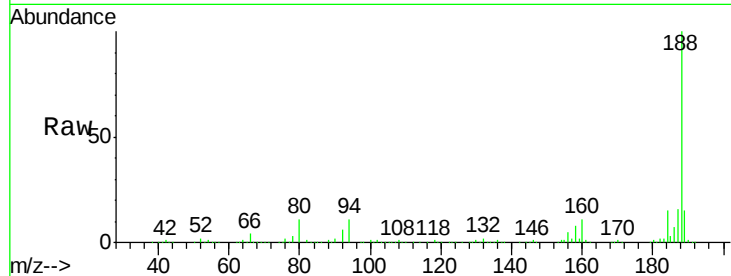
Tot Ion:188 Resp: 448752

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

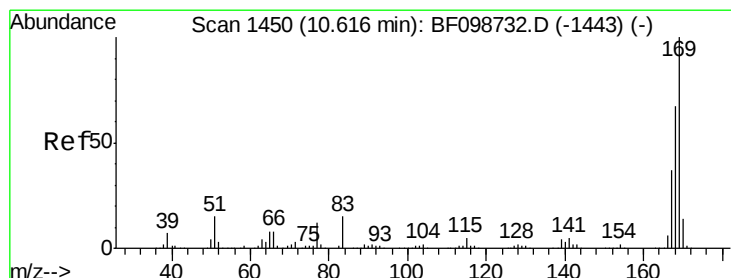
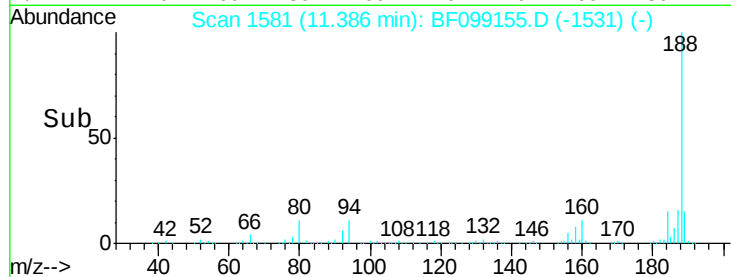
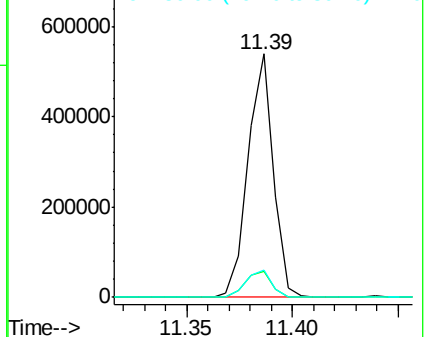
80 11.4 9.2 13.8



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



#65

n-Nitrosodiphenylamine

Concen: 3.00 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

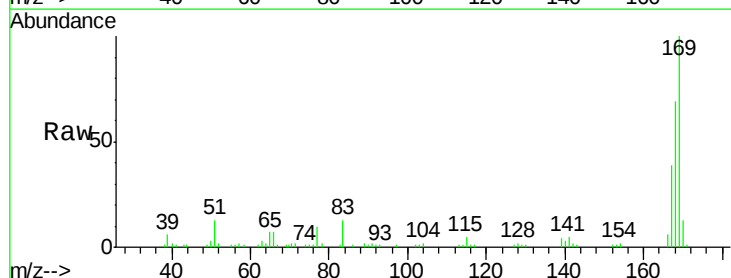
Tgt Ion:169 Resp: 46579

Ion Ratio Lower Upper

169 100

168 69.0 54.4 81.6

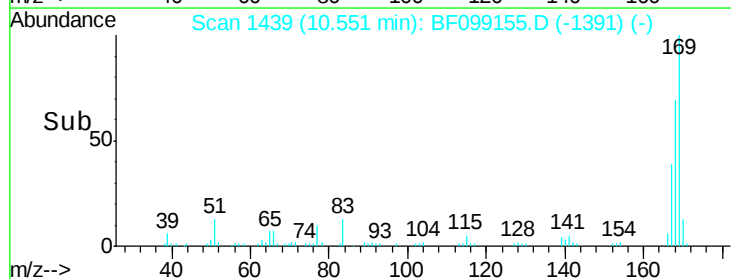
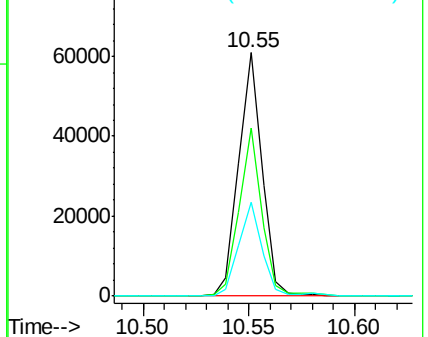
167 38.5 29.8 44.6

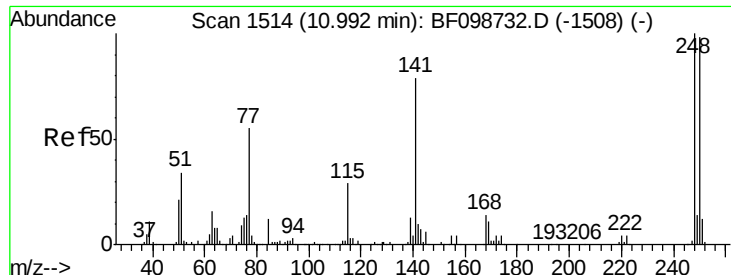


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

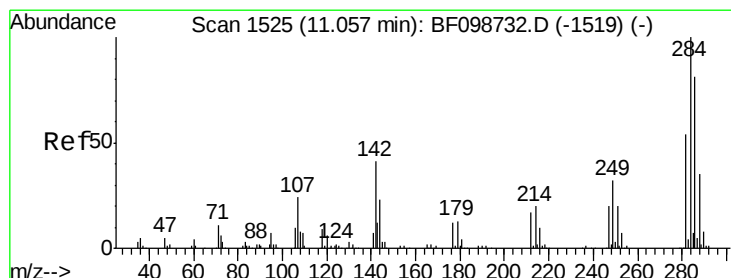
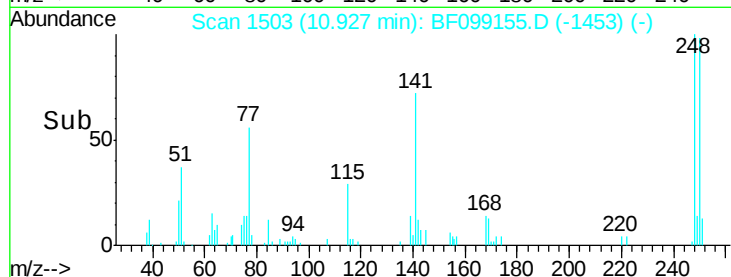
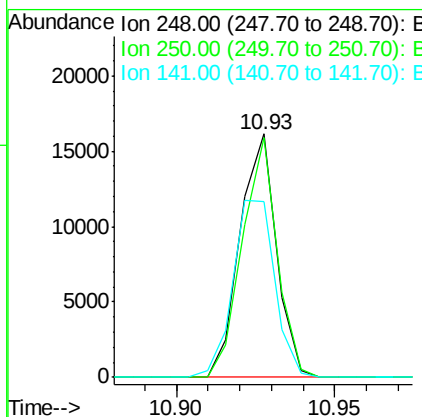
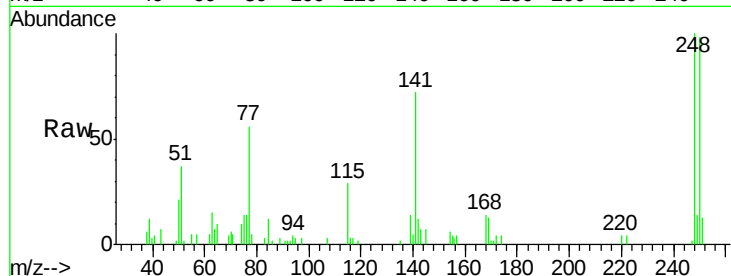




#66  
 4-Bromophenyl-phenylether  
 Concen: 2.92 ng  
 RT: 10.93 min Scan# 1503  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

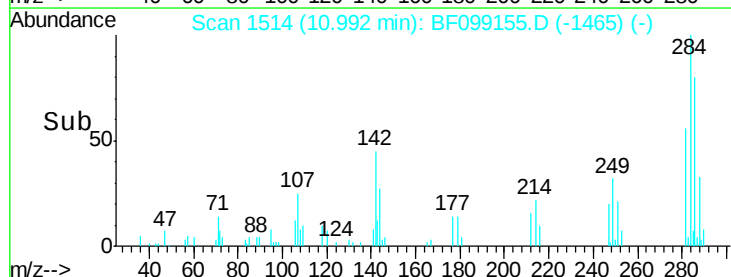
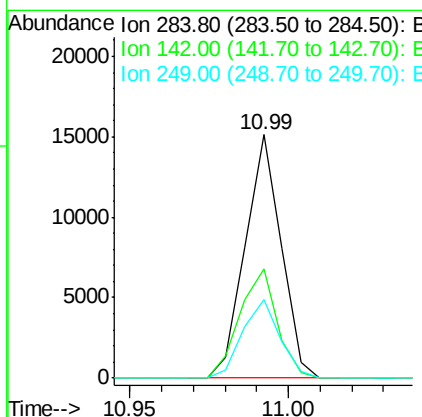
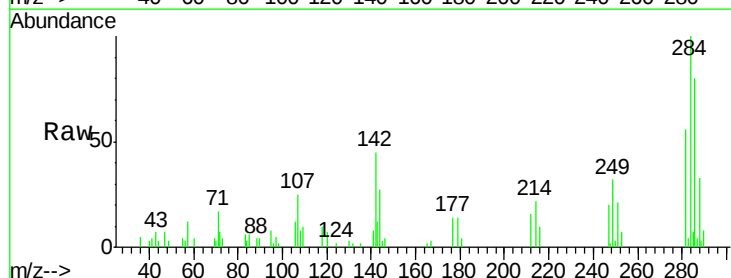
Instrument :  
 BNA\_F  
 ClientSampleId :

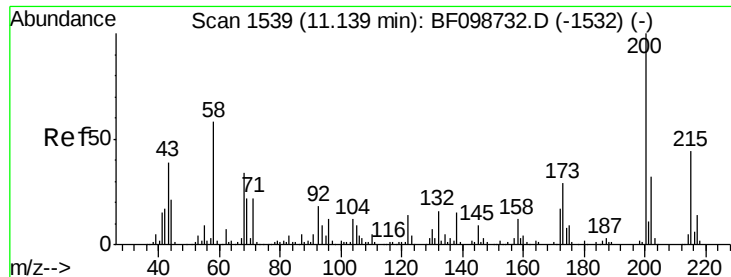
Tot Ion:248 Resp: 12846  
 Ion Ratio Lower Upper  
 248 100  
 250 98.3 76.9 115.3  
 141 72.3 74.4 111.6#



#67  
 Hexachlorobenzene  
 Concen: 2.52 ng  
 RT: 10.99 min Scan# 1514  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

Tgt Ion:284 Resp: 11842  
 Ion Ratio Lower Upper  
 284 100  
 142 44.6 34.6 52.0  
 249 32.1 24.8 37.2

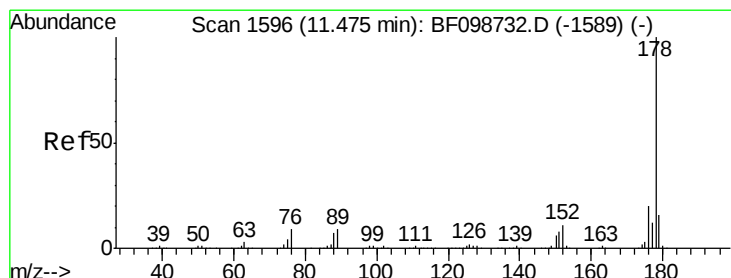
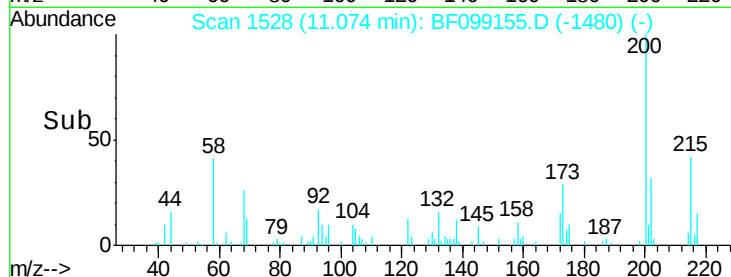
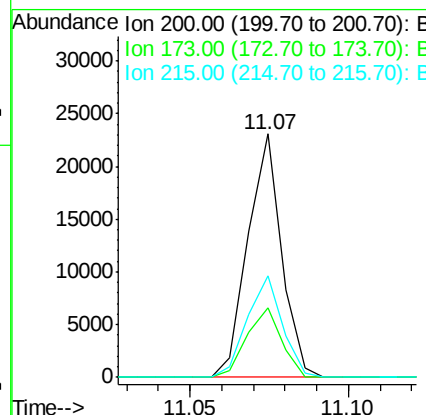
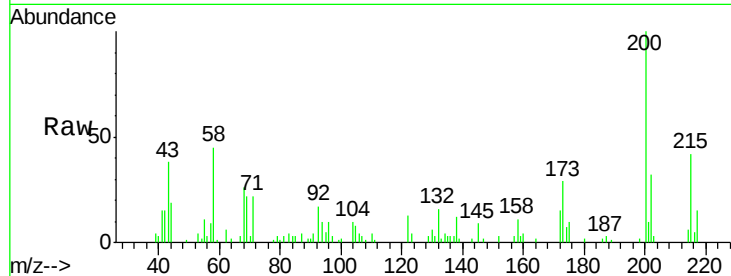




#68  
 Atrazine  
 Concen: 3.62 ng  
 RT: 11.07 min Scan# 1528  
 Delta R.T. -0.02 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

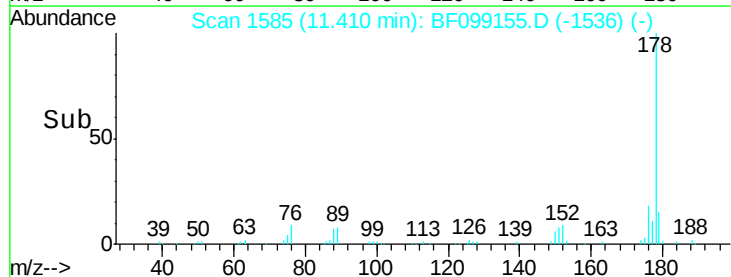
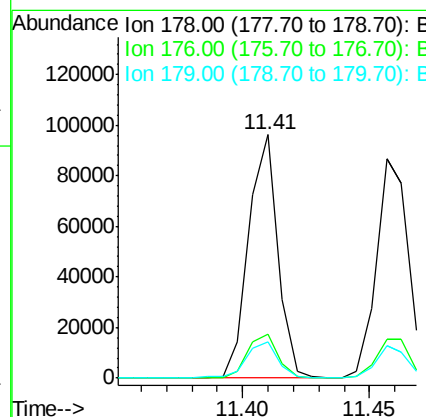
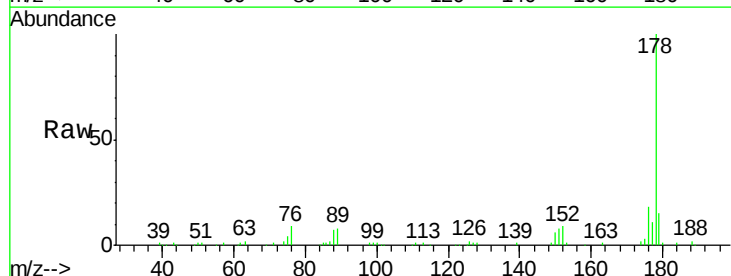
Instrument :  
 BNA\_F  
 ClientSampleId :

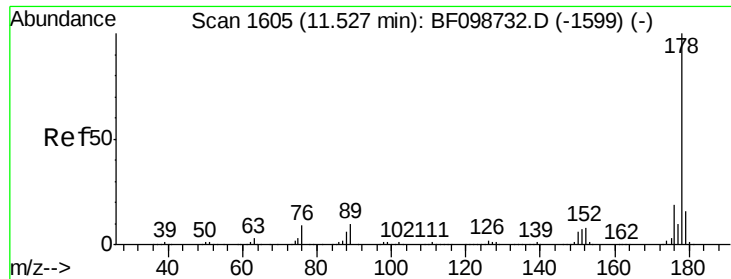
Tot Ion:200 Resp: 16944  
 Ion Ratio Lower Upper  
 200 100  
 173 28.7 8.6 48.6  
 215 41.9 25.1 65.1



#70  
 Phenanthrene  
 Concen: 3.22 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

Tgt Ion:178 Resp: 77385  
 Ion Ratio Lower Upper  
 178 100  
 176 18.2 15.8 23.8  
 179 14.7 13.0 19.6

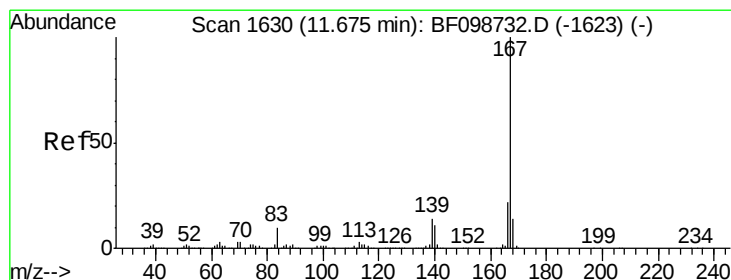
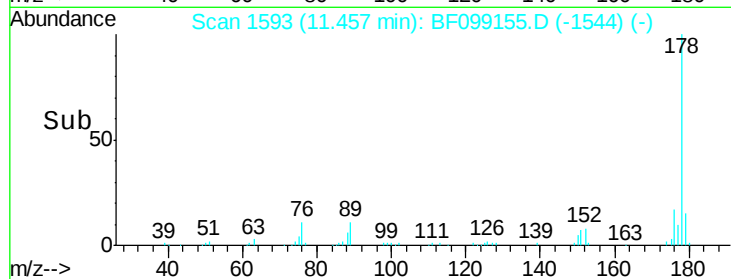
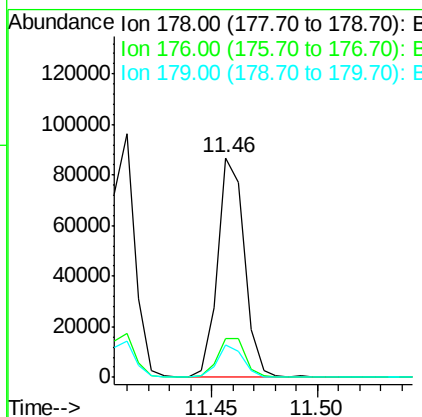
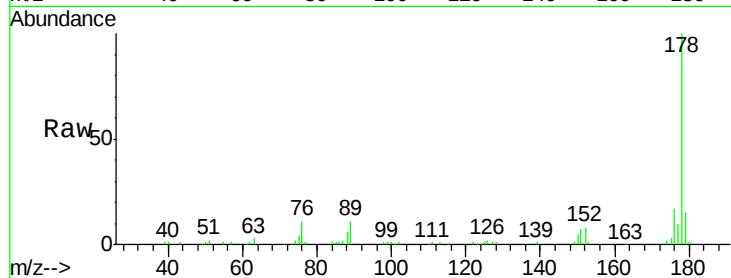




#71  
 Anthracene  
 Concen: 3.12 ng  
 RT: 11.46 min Scan# 1593  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

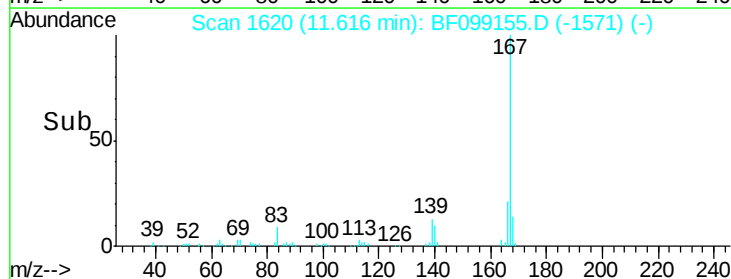
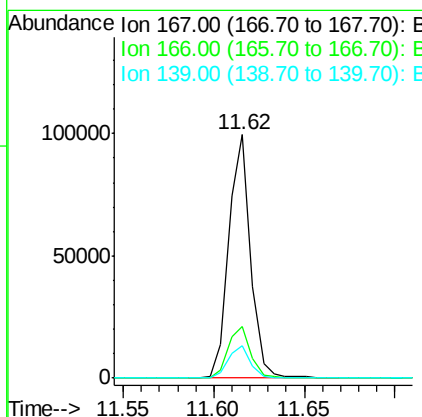
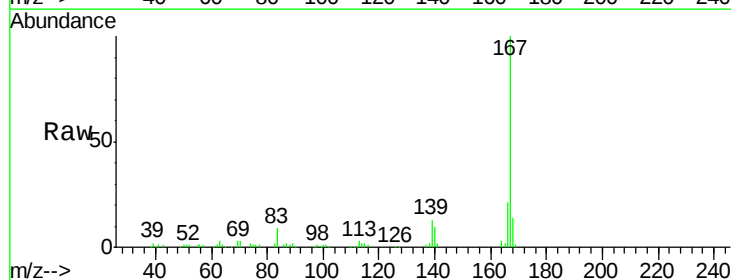
Instrument :  
 BNA\_F  
 ClientSampleId :

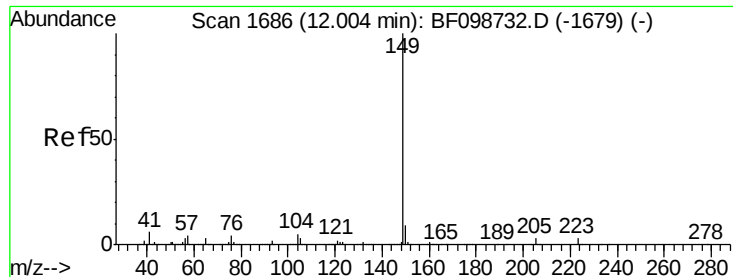
Tot Ion:178 Resp: 76593  
 Ion Ratio Lower Upper  
 178 100  
 176 17.5 15.4 23.2  
 179 14.8 12.6 19.0



#72  
 Carbazole  
 Concen: 3.46 ng  
 RT: 11.62 min Scan# 1620  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

Tgt Ion:167 Resp: 83376  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.6 26.4  
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 2.97 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF099155.D

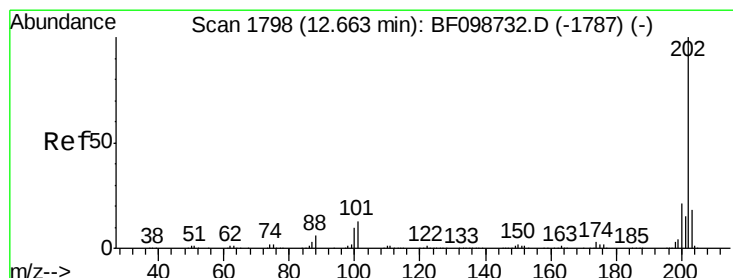
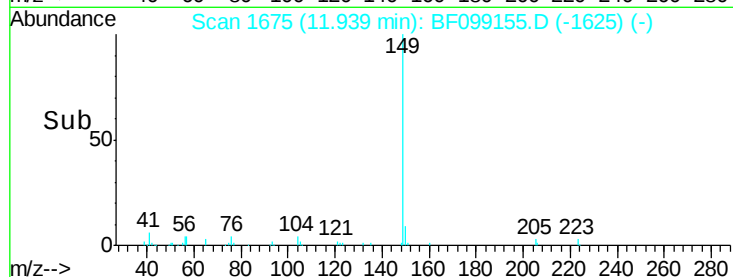
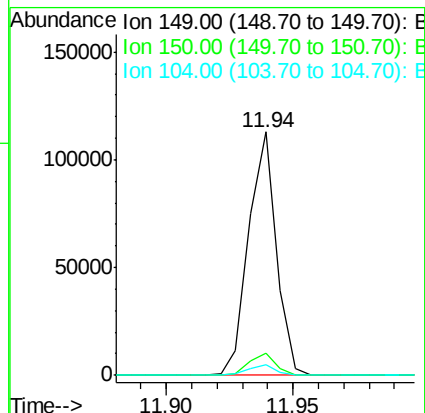
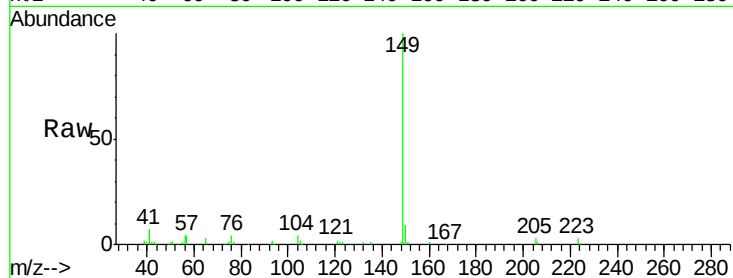
Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:149 | Resp: | 85957       |
| Ion         | Ratio | Lower Upper |
| 149         | 100   |             |
| 150         | 9.1   | 7.8 11.6    |
| 104         | 4.2   | 3.8 5.8     |



#74

Fluoranthene

Concen: 3.06 ng

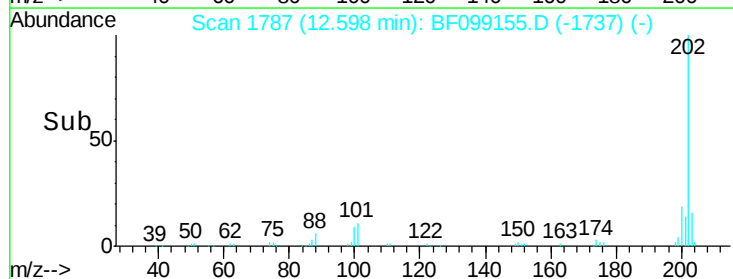
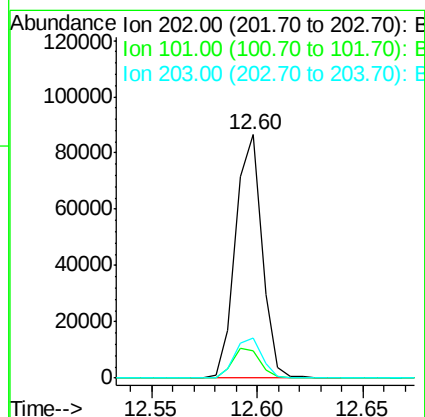
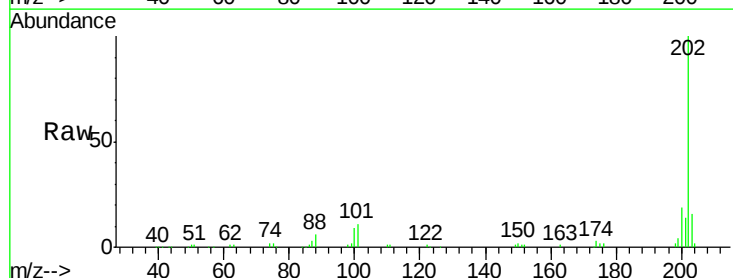
RT: 12.60 min Scan# 1787

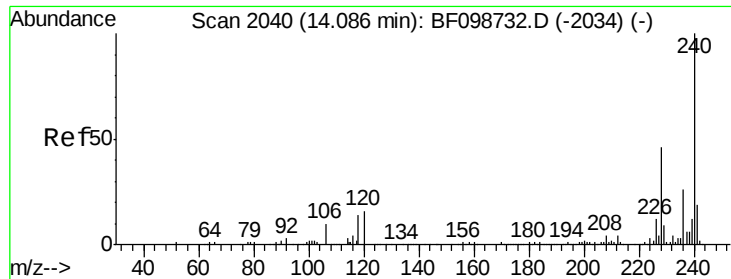
Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:202 | Resp: | 74548       |
| Ion         | Ratio | Lower Upper |
| 202         | 100   |             |
| 101         | 11.0  | 0.0 34.1    |
| 203         | 16.5  | 0.0 38.1    |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampleId :

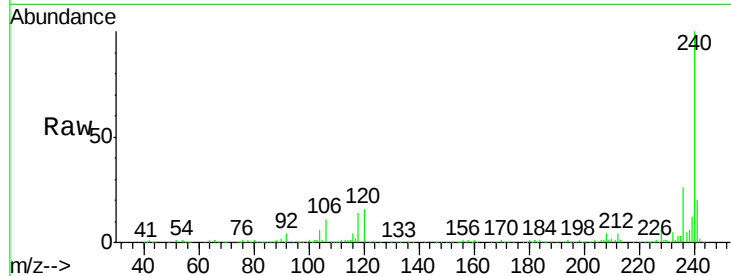
Tot Ion:240 Resp: 310738

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

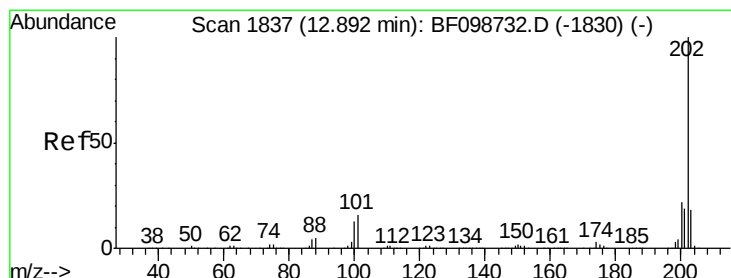
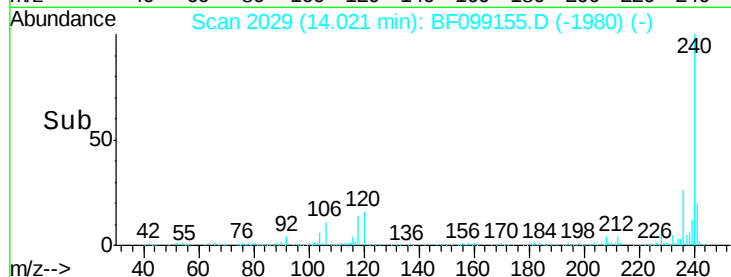
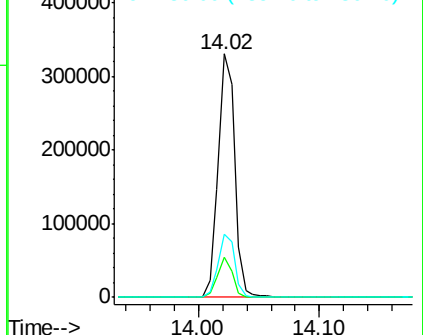
236 26.0 20.7 31.1



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



#77

Pyrene

Concen: 3.14 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

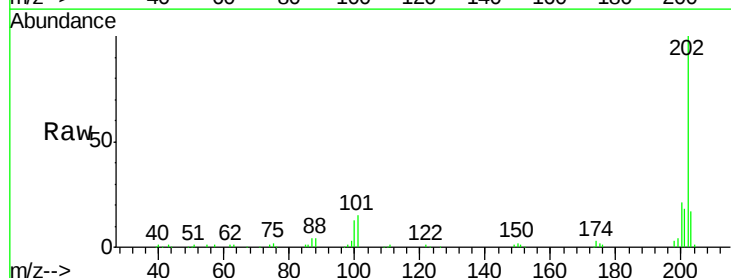
Tgt Ion:202 Resp: 74402

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

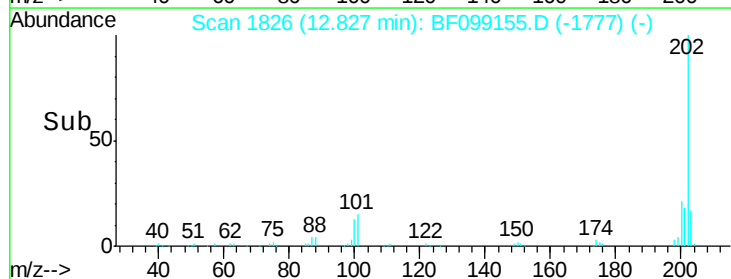
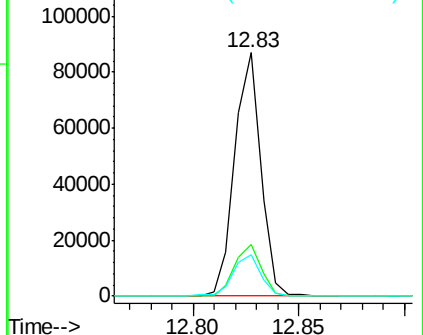
203 17.2 14.3 21.5

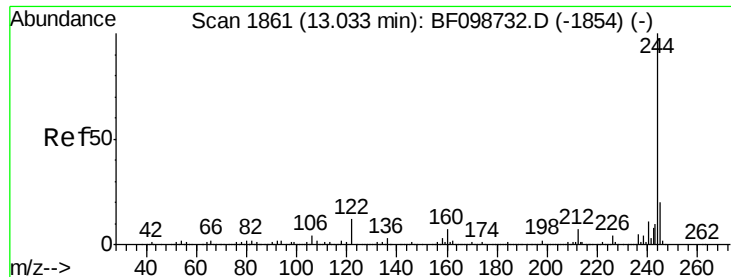


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

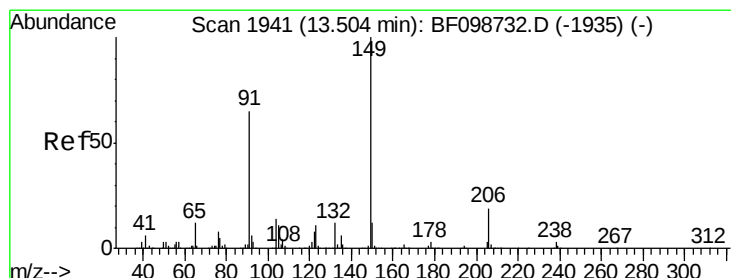
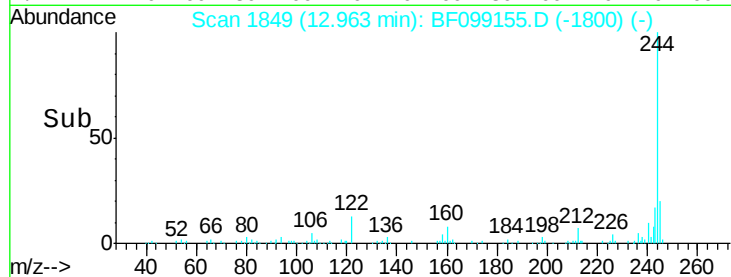
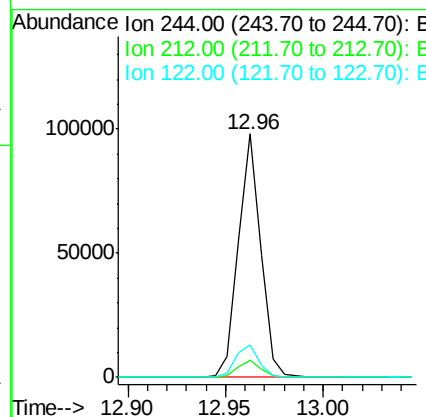
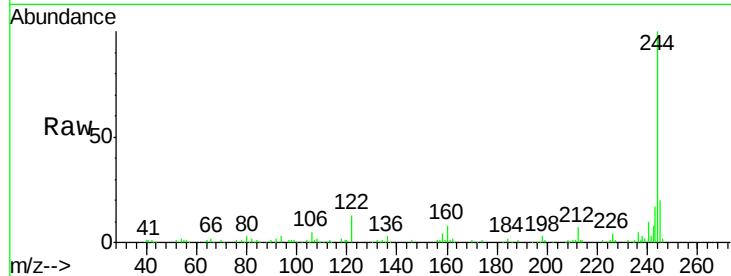




#78  
 Terphenyl-d14  
 Concen: 5.70 ng  
 RT: 12.96 min Scan# 1849  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

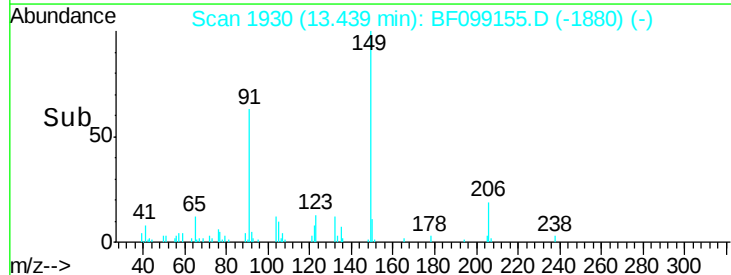
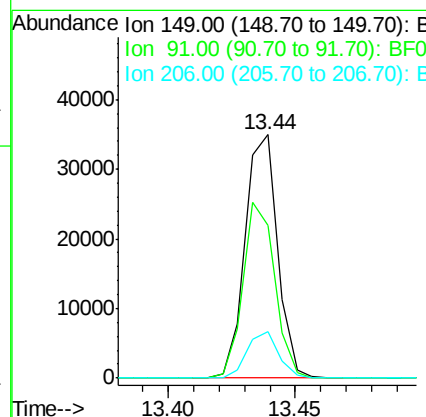
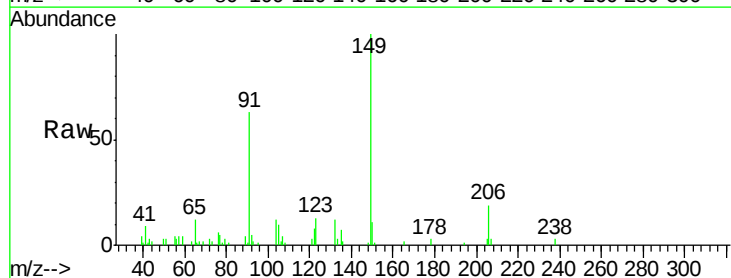
Instrument :  
 BNA\_F  
 ClientSampled :

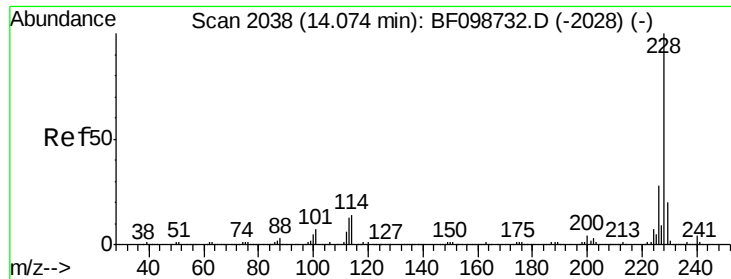
Tot Ion:244 Resp: 77869  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.4 8.0  
 122 13.4 11.0 16.4



#79  
 Butylbenzylphthalate  
 Concen: 2.79 ng  
 RT: 13.44 min Scan# 1930  
 Delta R.T. -0.01 min  
 Lab File: BF099155.D  
 Acq: 6 Oct 2017 18:51

Tgt Ion:149 Resp: 31066  
 Ion Ratio Lower Upper  
 149 100  
 91 62.9 56.8 85.2  
 206 19.0 14.1 21.1

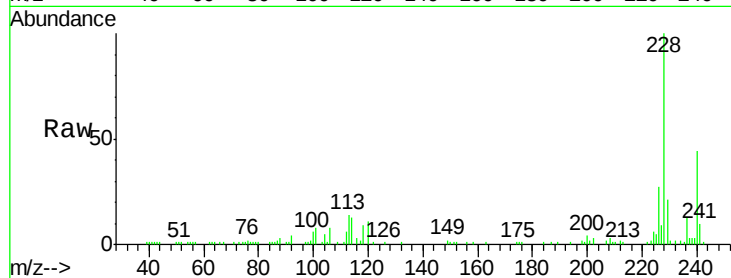




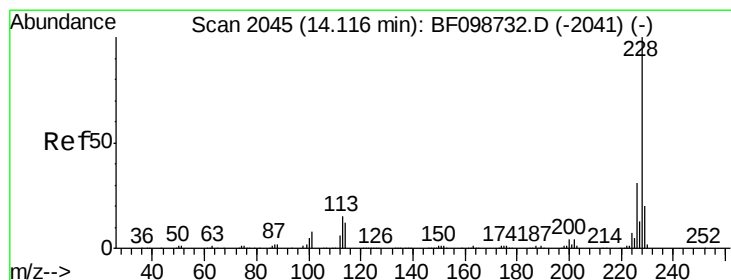
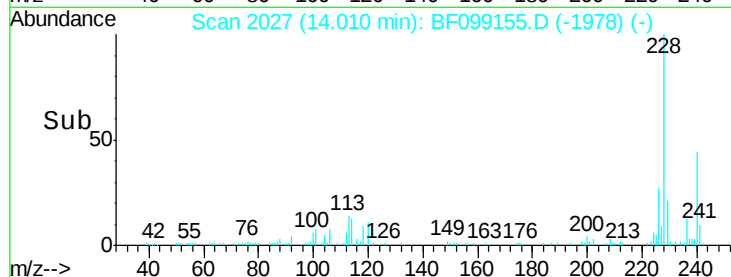
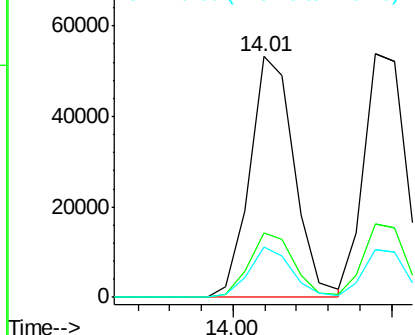
#80  
Benzo(a)anthracene  
Concen: 2.76 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:228 Resp: 51925  
Ion Ratio Lower Upper  
228 100  
226 27.0 22.6 33.8  
229 21.2 15.8 23.6

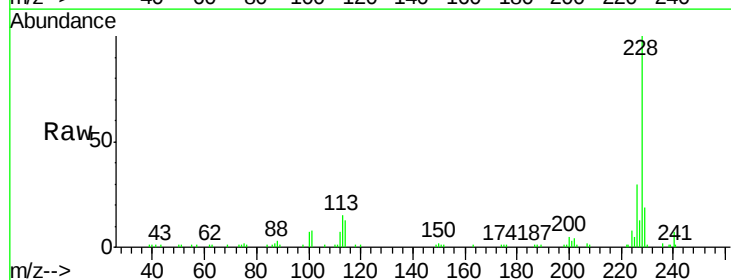


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

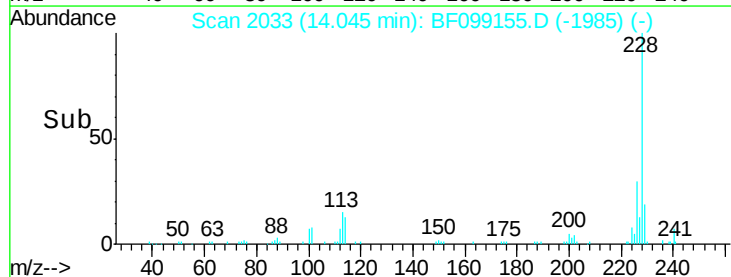
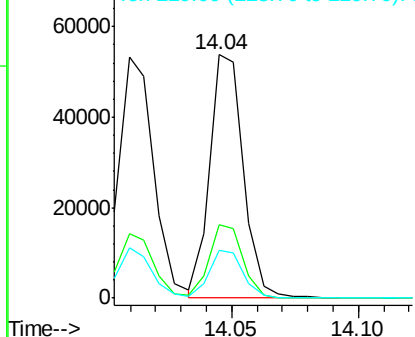


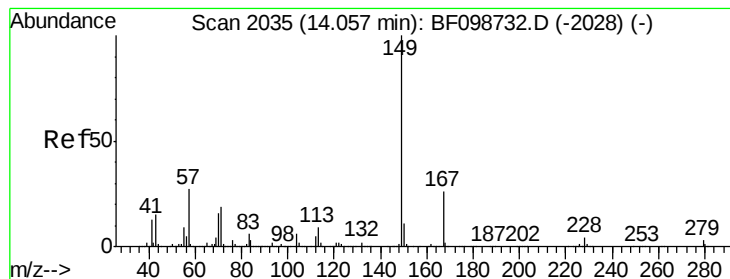
#82  
Chrysene  
Concen: 2.78 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion:228 Resp: 49781  
Ion Ratio Lower Upper  
228 100  
226 30.1 25.0 37.6  
229 19.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.84 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampleId :

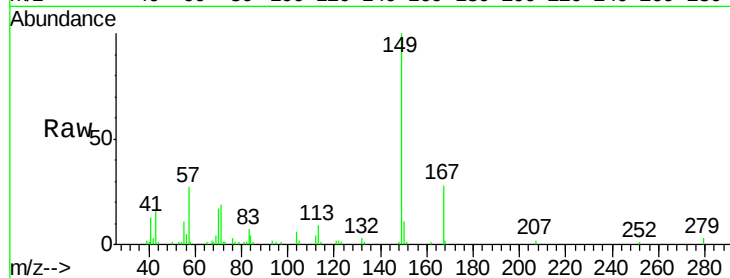
Tot Ion:149 Resp: 43500

Ion Ratio Lower Upper

149 100

167 28.5 21.3 31.9

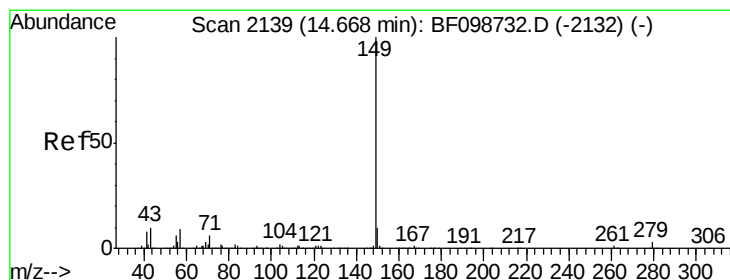
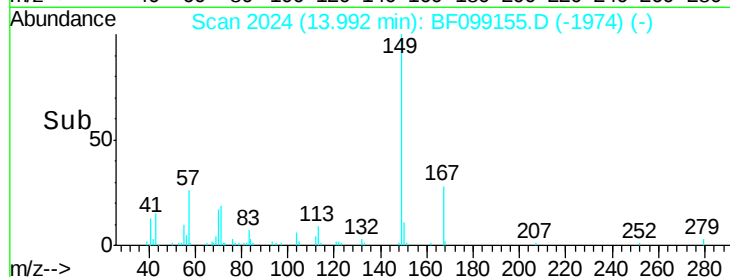
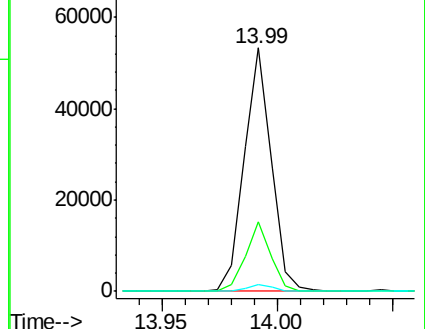
279 2.8 3.0 4.4#



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: 2.18 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

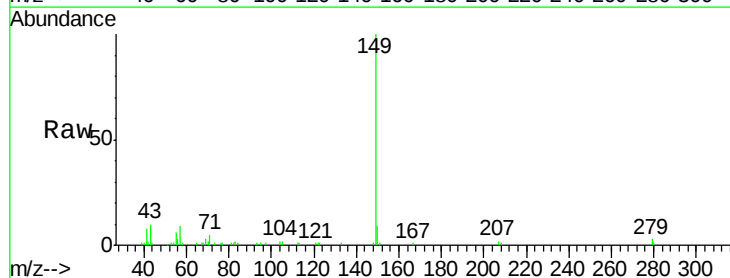
Tgt Ion:149 Resp: 53876

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

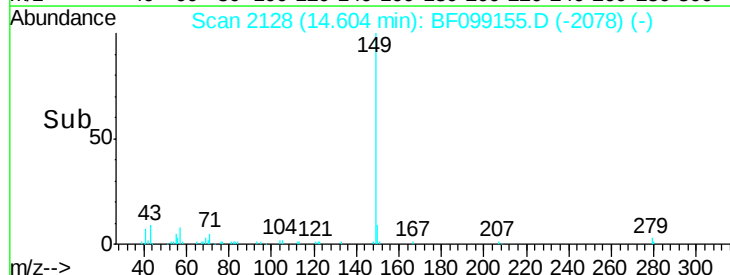
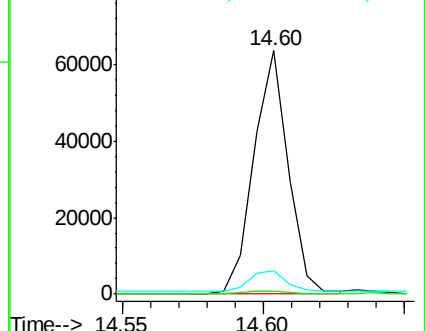
43 9.1 8.4 12.6

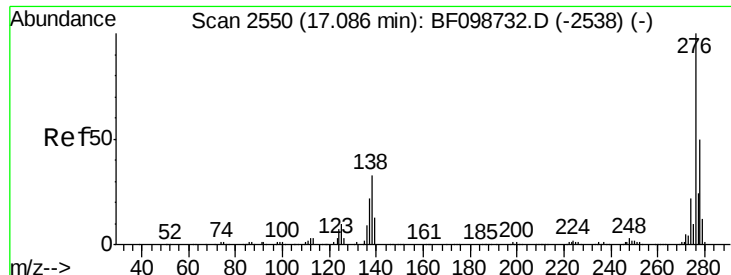


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

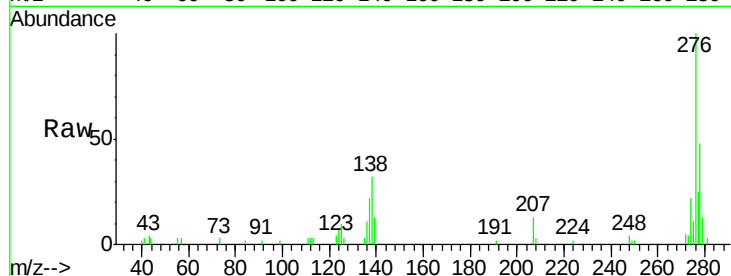




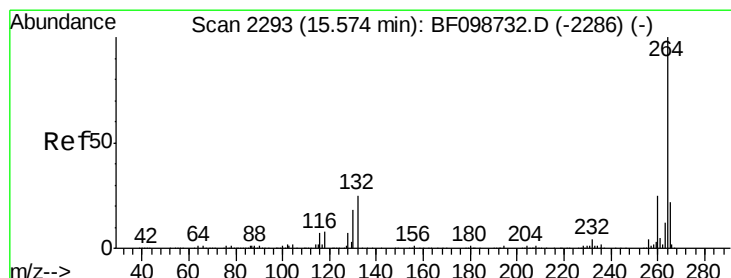
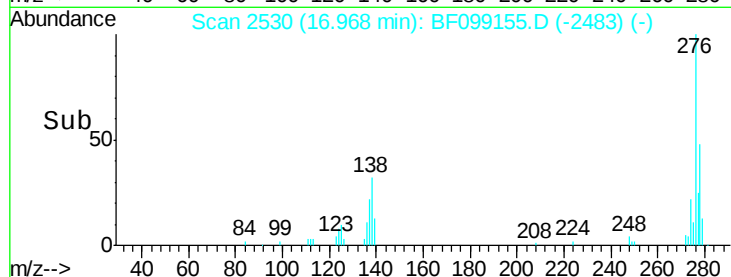
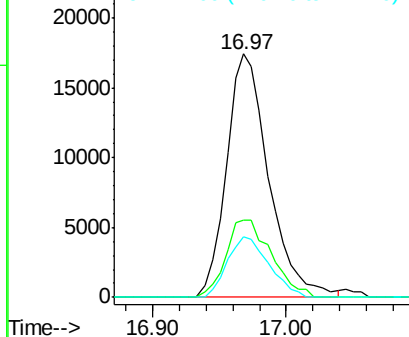
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 2.68 ng  
RT: 16.97 min Scan# 2530  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:276 Resp: 38379  
Ion Ratio Lower Upper  
276 100  
138 34.2 25.0 37.6  
277 24.5 20.1 30.1

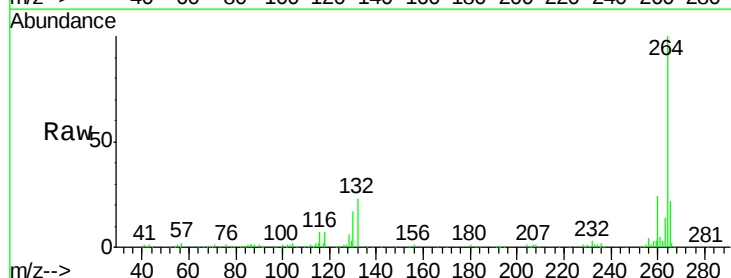


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

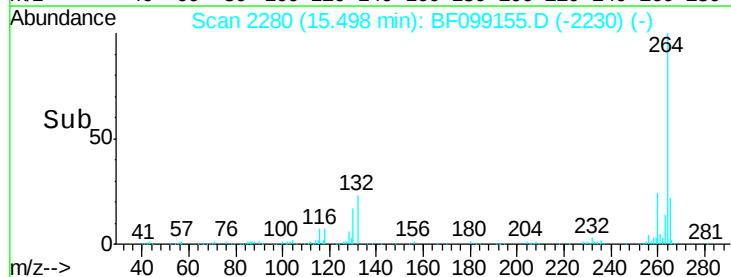
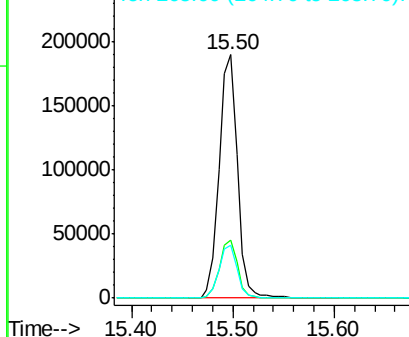


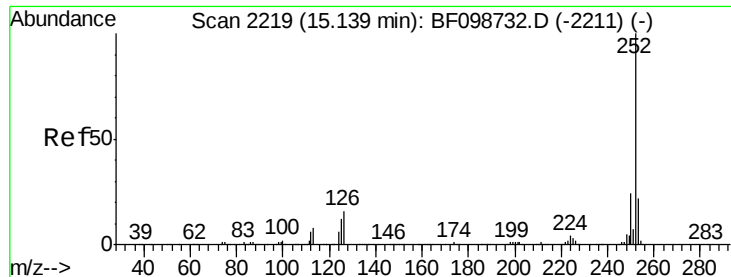
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion:264 Resp: 238579  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.2 28.8  
265 21.6 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

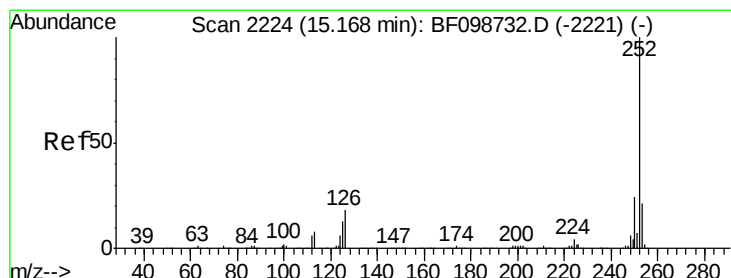
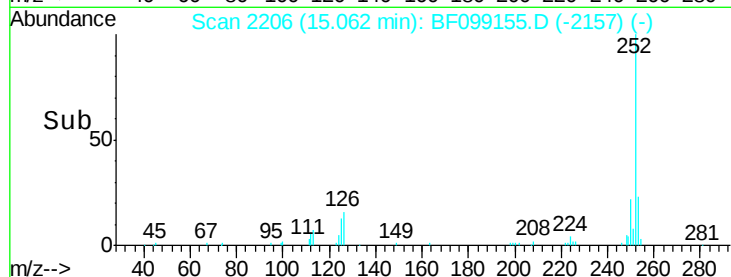
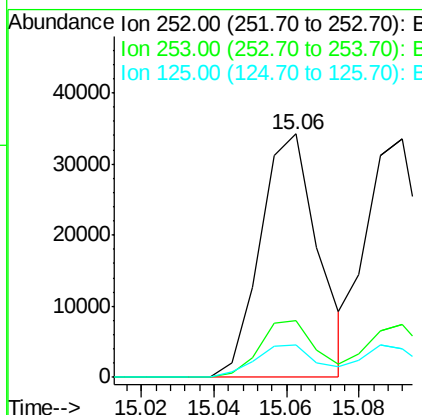
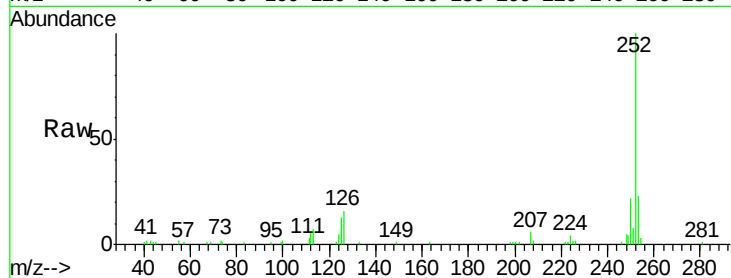




#87  
Benzo(b)fluoranthene  
Concen: 2.59 ng  
RT: 15.06 min Scan# 2206  
Delta R.T. -0.01 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

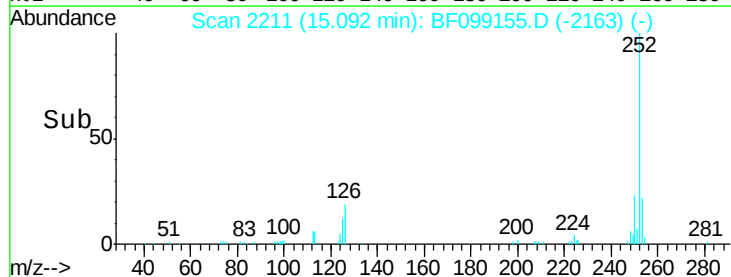
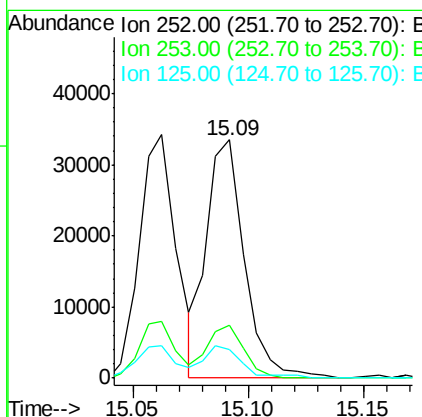
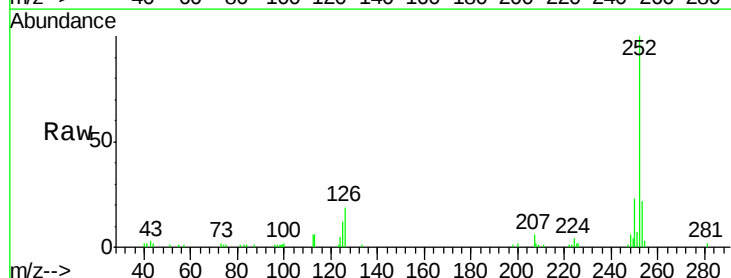
Instrument :  
BNA\_F  
ClientSampleId :

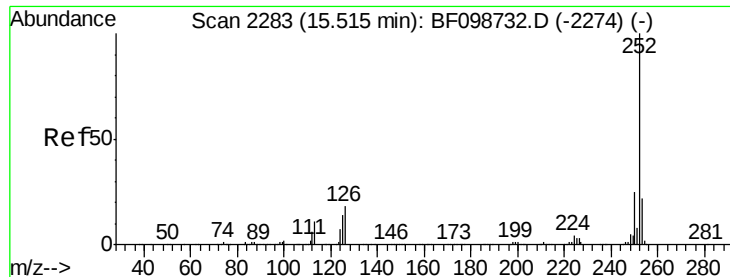
Tot Ion:252 Resp: 38006  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.0 25.6  
125 13.4 9.0 13.6



#88  
Benzo(k)fluoranthene  
Concen: 2.64 ng  
RT: 15.09 min Scan# 2211  
Delta R.T. -0.02 min  
Lab File: BF099155.D  
Acq: 6 Oct 2017 18:51

Tgt Ion:252 Resp: 38267  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.9 26.9  
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 2.54 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampleId :

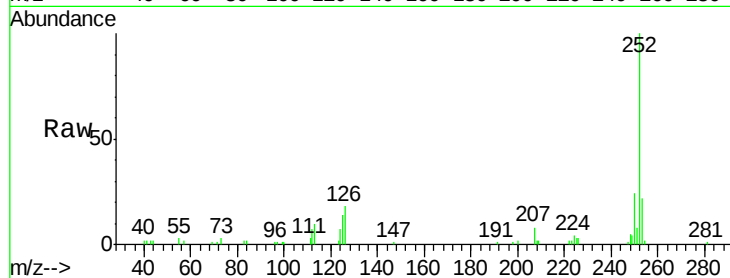
Tot Ion:252 Resp: 34246

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

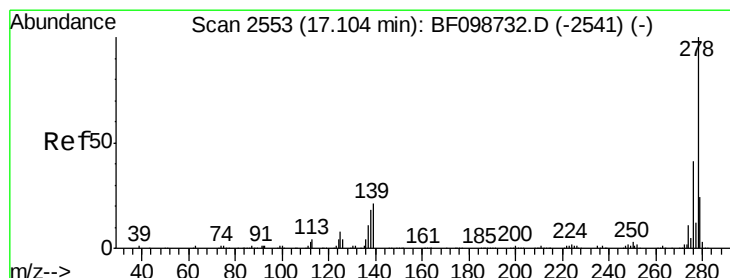
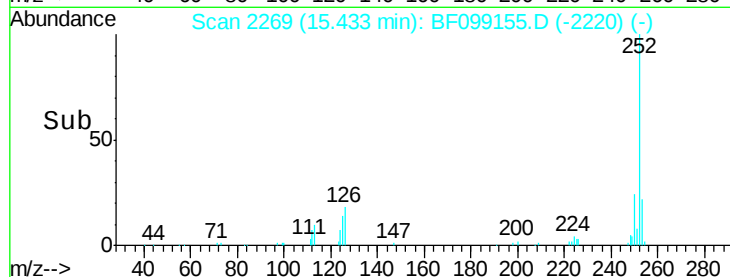
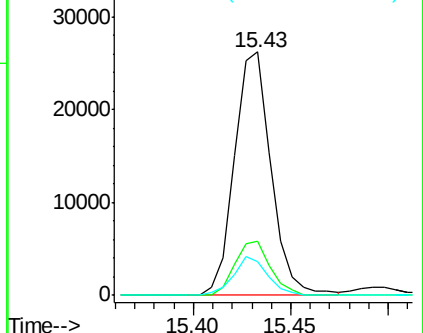
125 13.8 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 2.94 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.03 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

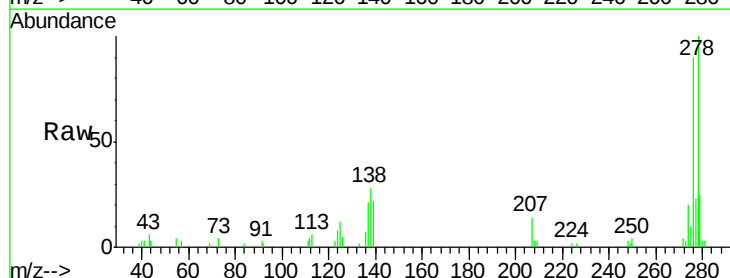
Tgt Ion:278 Resp: 31702

Ion Ratio Lower Upper

278 100

139 22.5 15.9 23.9

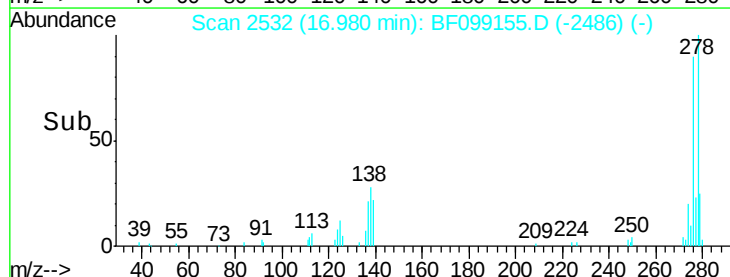
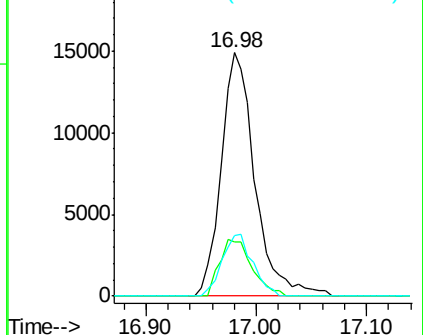
279 24.7 19.0 28.4

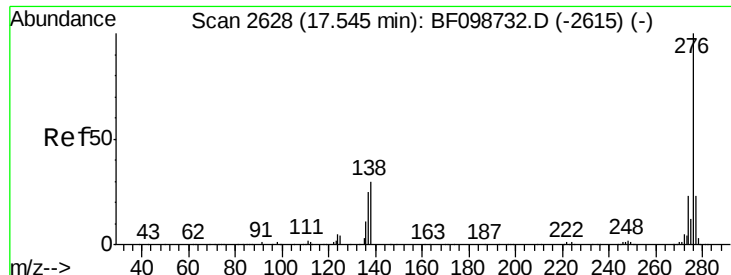


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.09 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.03 min

Lab File: BF099155.D

Acq: 6 Oct 2017 18:51

Instrument :

BNA\_F

ClientSampleId :

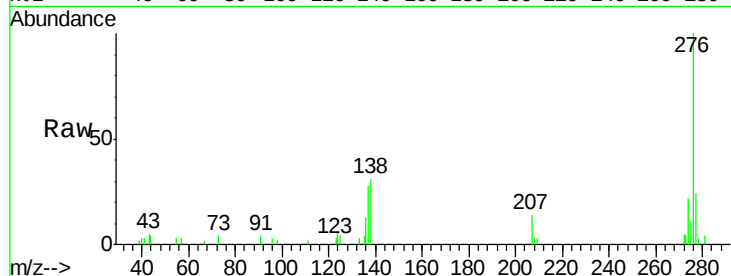
Tot Ion:276 Resp: 32894

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 30.5 21.8 32.8



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

