

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\  
 Data File : BF100929.D  
 Acq On : 28 Nov 2017 13:08  
 Operator : SJ/JU  
 Sample : I6583-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 29 00:35:12 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 15:21:02 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 58253    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 200199   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.90  | 164  | 63133    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.39 | 188  | 12677    | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 14.03 | 240  | 147329   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.50 | 264  | 158225   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 182762 | 50.29  | ng | -0.01 |
| 7) Phenol-d6             | 6.48  | 99  | 129855 | 28.98  | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 335235 | 110.71 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 43722  | 67.96  | ng | 0.01  |
| 44) 2-Fluorobiphenyl     | 9.22  | 172 | 549023 | 132.42 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.97 | 244 | 96756  | 15.09  | ng | 0.00  |

## Target Compounds

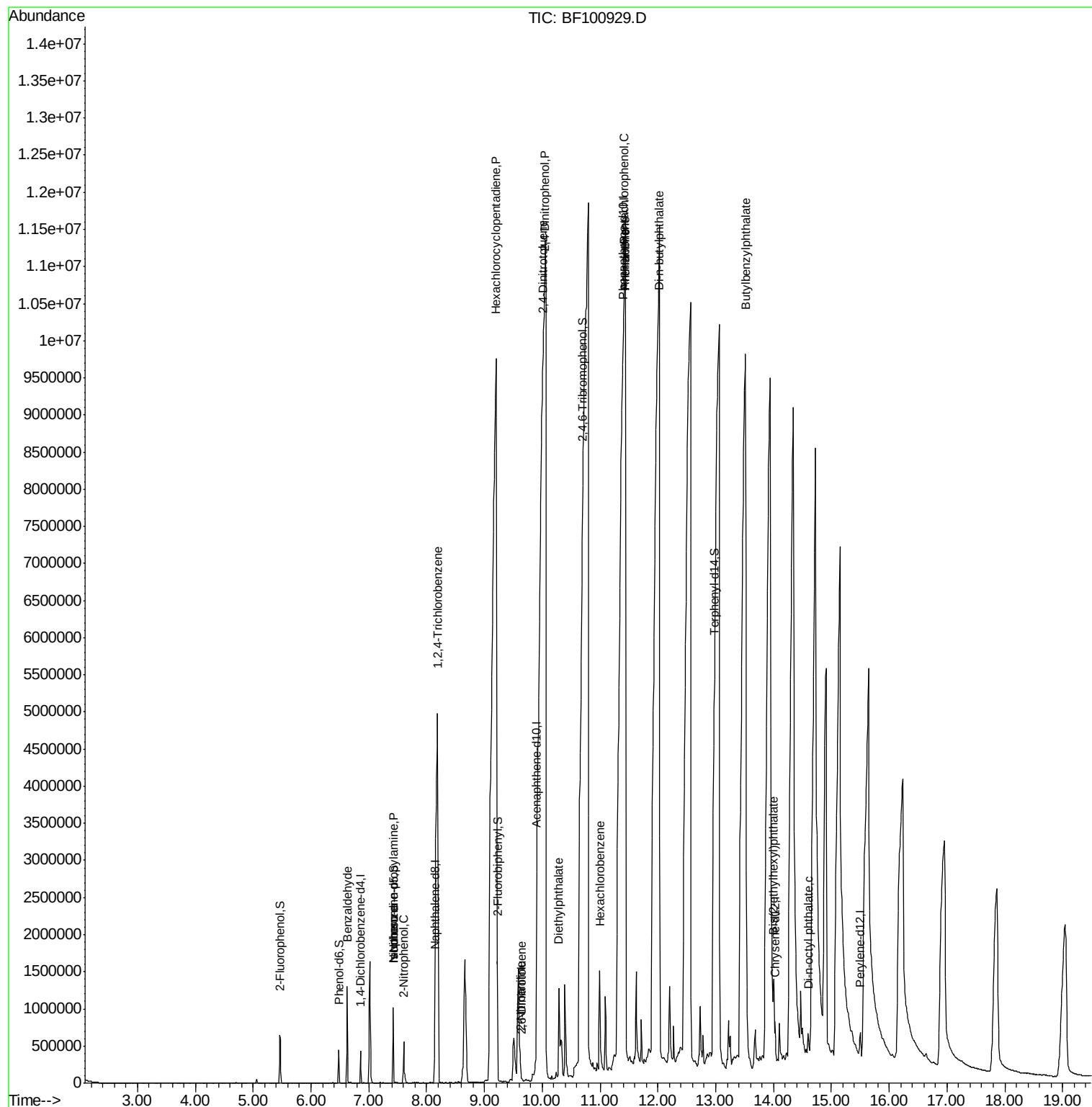
|                                |       |     |        |          |    | Qvalue |
|--------------------------------|-------|-----|--------|----------|----|--------|
| 9) Benzaldehyde                | 6.63  | 77  | 6970   | 2.178    | ng | 85     |
| 19) n-Nitroso-di-n-propylamine | 7.42  | 70  | 44334  | 14.266   | ng | # 83   |
| 25) Isophorone                 | 7.42  | 82  | 335231 | 52.682   | ng | # 64   |
| 26) 2-Nitrophenol              | 7.60  | 139 | 143    | 5.466    | ng | # 34   |
| 30) 1,2,4-Trichlorobenzene     | 8.19  | 180 | 5951   | 2.020    | ng | # 1    |
| 40) Hexachlorocyclopentadiene  | 9.20  | 237 | 50326  | 51.069   | ng | # 52   |
| 47) 2-Nitroaniline             | 9.64  | 65  | 238    | 2.975    | ng | # 2    |
| 50) 2,6-Dinitrotoluene         | 9.65  | 165 | 2400   | 2.515    | ng | # 24   |
| 53) 2,4-Dinitrophenol          | 10.03 | 184 | 117    | 8.203    | ng | # 58   |
| 56) 2,4-Dinitrotoluene         | 10.00 | 165 | 3263   | 2.711    | ng | # 60   |
| 59) Diethylphthalate           | 10.29 | 149 | 23097  | 4.788    | ng | 95     |
| 67) Hexachlorobenzene          | 10.99 | 284 | 5121   | 36.030   | ng | # 1    |
| 69) Pentachlorophenol          | 11.42 | 266 | 136690 | 1341.207 | ng | # 40   |
| 70) Phenanthrene               | 11.42 | 178 | 9295   | 13.926   | ng | # 1    |
| 71) Anthracene                 | 11.42 | 178 | 9295   | 13.726   | ng | # 1    |
| 73) Di-n-butylphthalate        | 12.03 | 149 | 467196 | 638.940  | ng | # 95   |
| 79) Butylbenzylphthalate       | 13.52 | 149 | 344475 | 80.429   | ng | # 23   |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 233396 | 41.433   | ng | 99     |
| 84) Di-n-octyl phthalate       | 14.60 | 149 | 67371  | 6.962    | ng | # 20   |

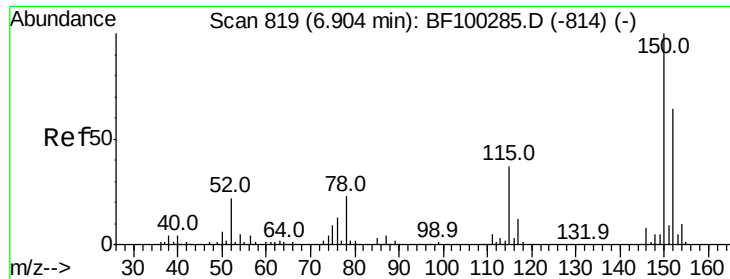
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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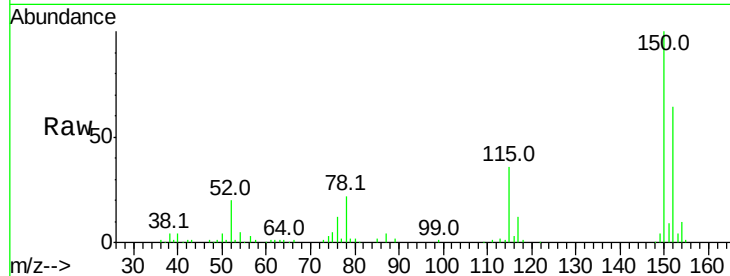


#1

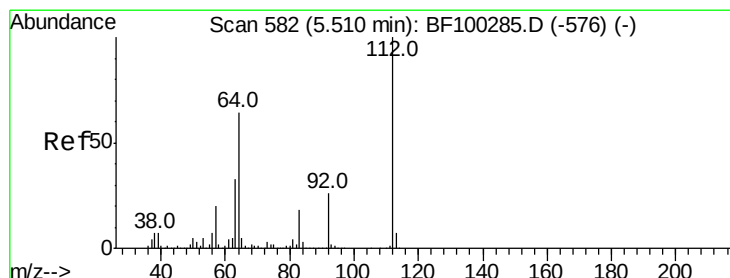
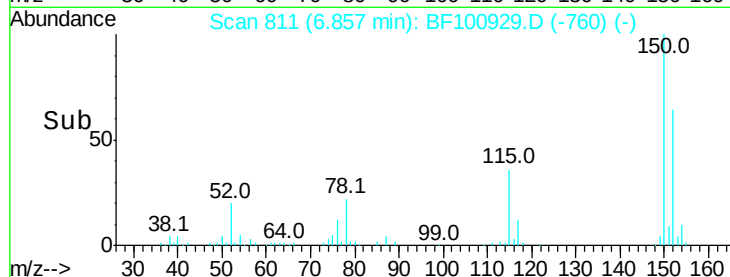
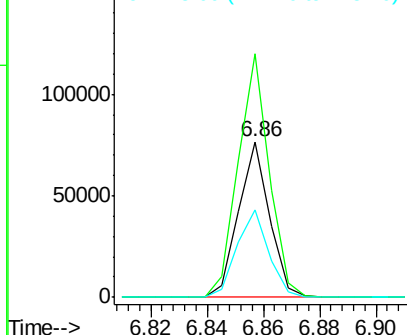
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 58253  
Ion Ratio Lower Upper  
152 100  
150 156.7 124.6 186.8  
115 56.6 50.1 75.1



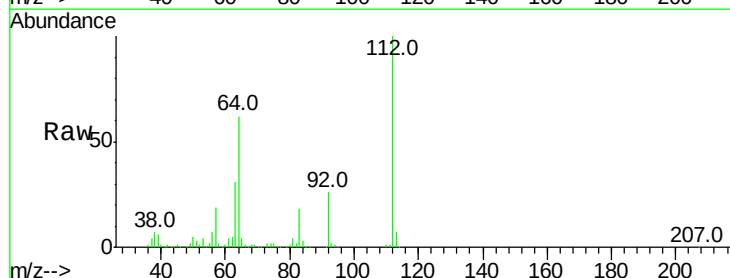
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



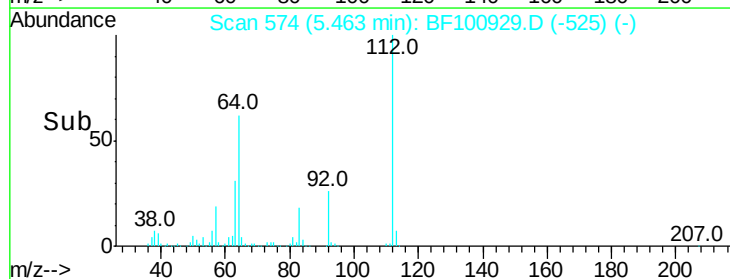
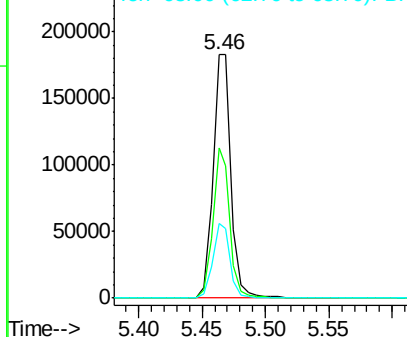
#5

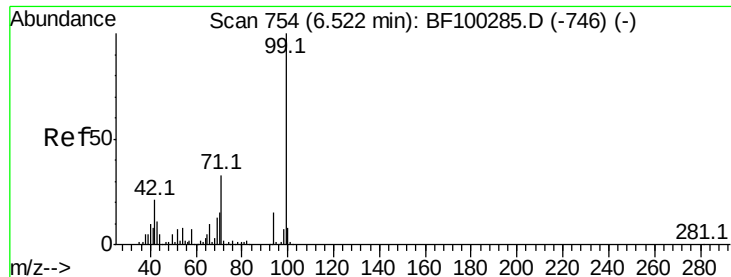
2-Fluorophenol  
Concen: 50.292 ng  
RT: 5.46 min Scan# 574  
Delta R.T. -0.01 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

Tgt Ion:112 Resp: 182762  
Ion Ratio Lower Upper  
112 100  
64 61.8 47.9 71.9  
63 30.8 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





#7

Phenol-d6

Concen: 28.978 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

Instrument :

BNA\_F

ClientSampleId :

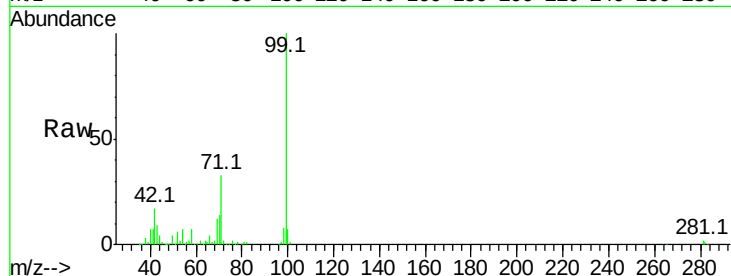
Tot Ion: 99 Resp: 129855

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

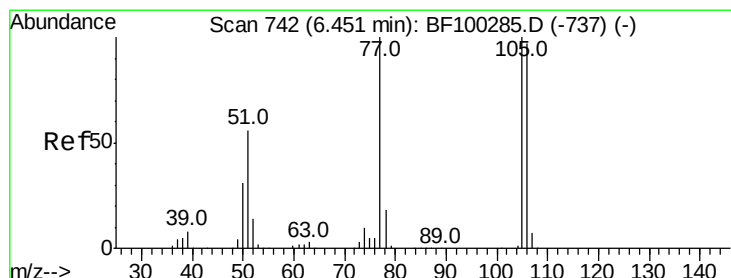
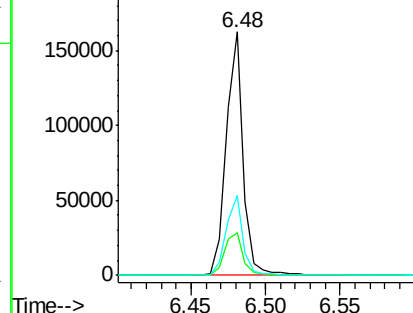
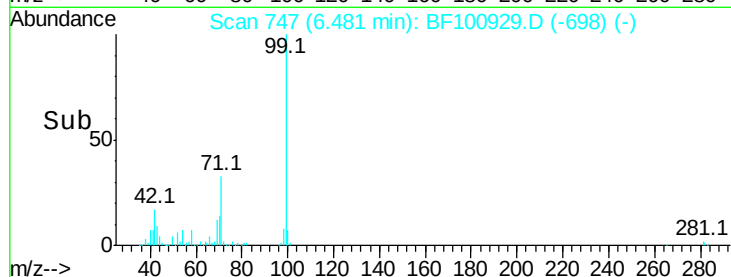
71 32.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.178 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.21 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

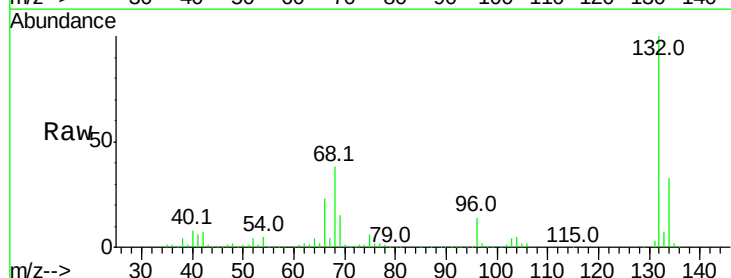
Tgt Ion: 77 Resp: 6970

Ion Ratio Lower Upper

77 100

105 87.4 81.1 121.1

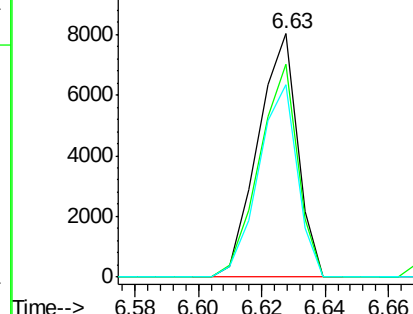
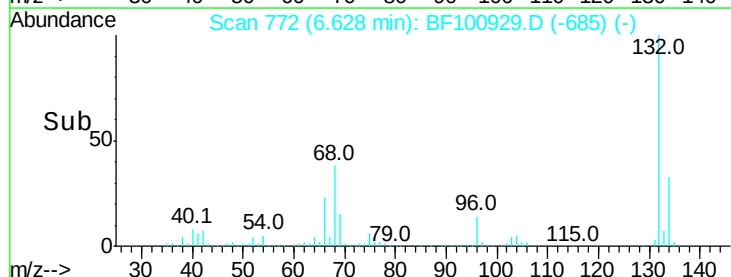
106 79.3 74.5 114.5

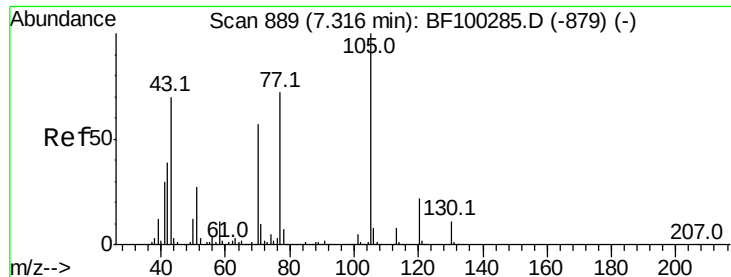


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

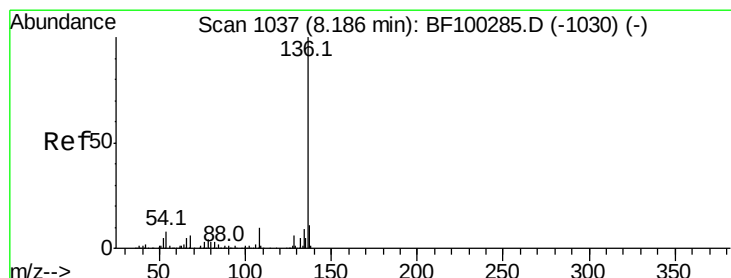
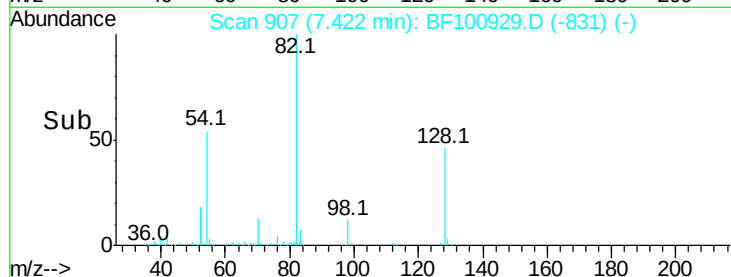
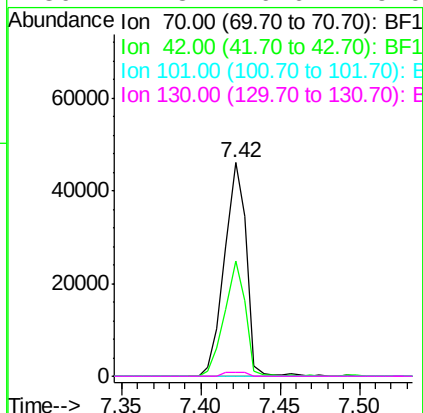
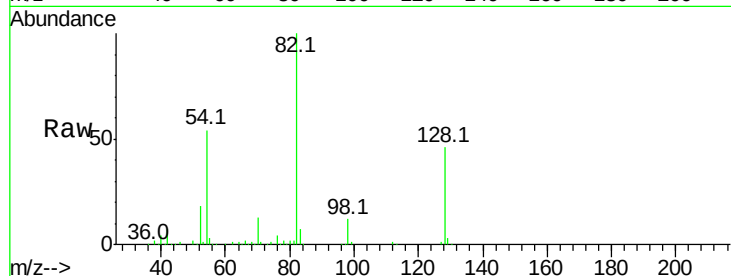




#19  
n-Nitroso-di-n-propylamine  
Concen: 14.266 ng  
RT: 7.42 min Scan# 907  
Delta R.T. 0.15 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

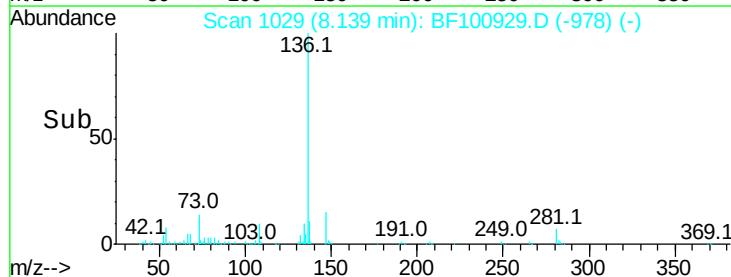
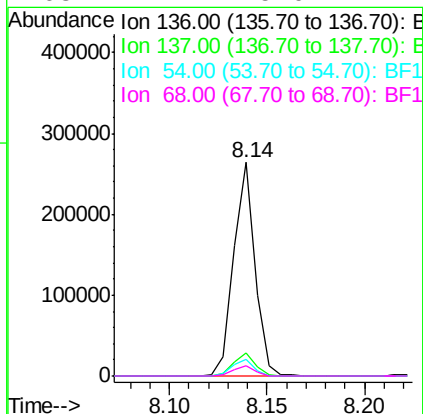
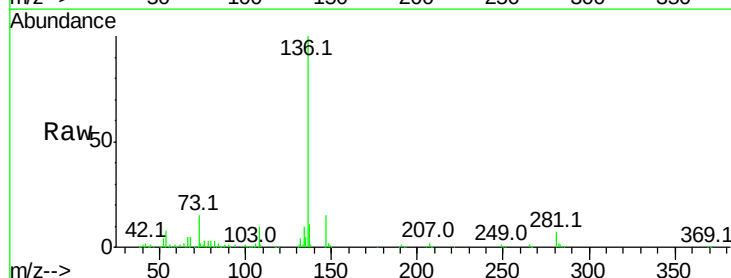
Instrument :  
BNA\_F  
ClientSampleId :

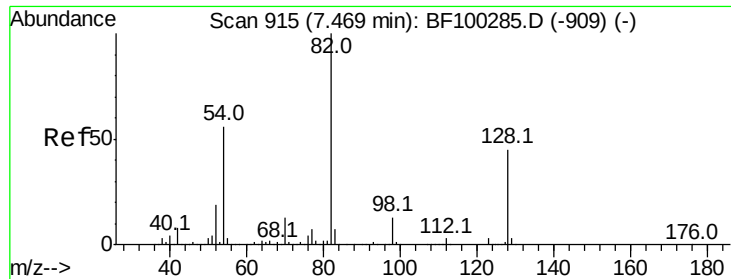
Tot Ion: 70 Resp: 44334  
Ion Ratio Lower Upper  
70 100  
42 53.7 47.5 71.3  
101 0.0 7.4 11.2#  
130 1.8 16.6 25.0#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.00 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

Tgt Ion:136 Resp: 200199  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.7 6.6 9.8  
68 4.7 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 110.707 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

Instrument :

BNA\_F

ClientSampleId :

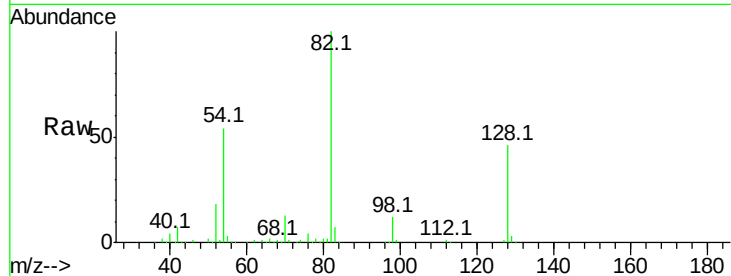
Tot Ion: 82 Resp: 335235

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

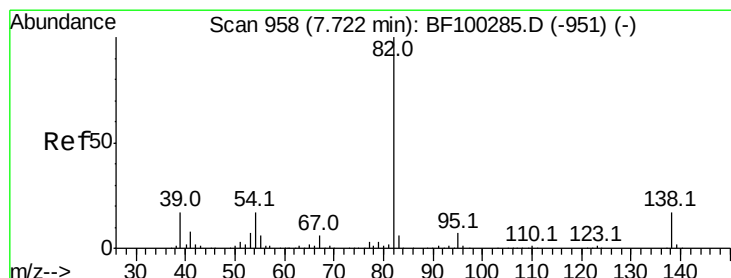
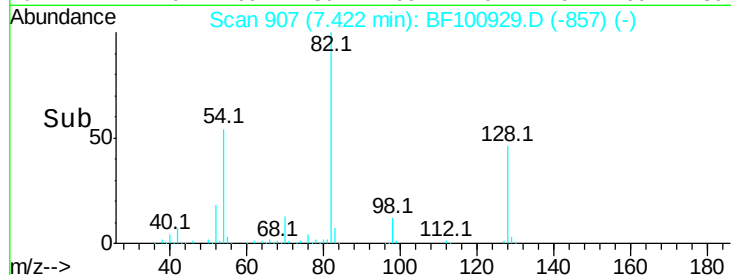
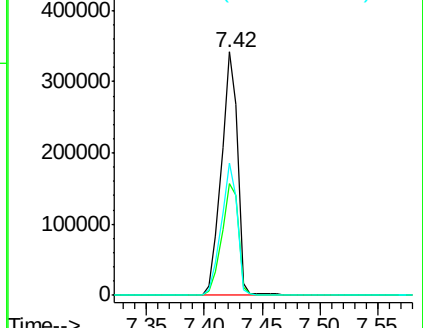
54 54.4 41.4 62.2



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



#25

Isophorone

Concen: 52.682 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

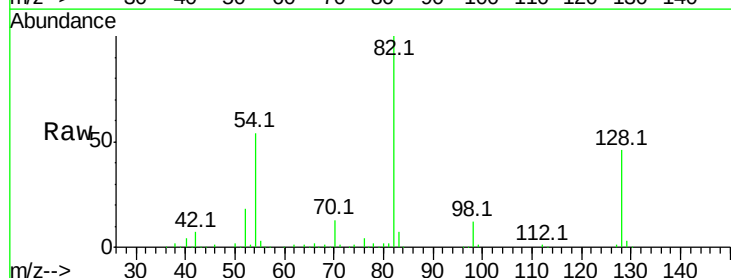
Tgt Ion: 82 Resp: 335231

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

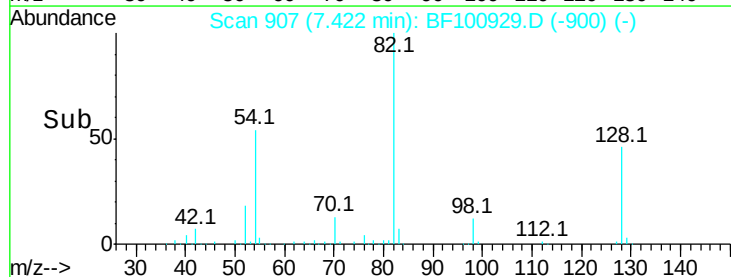
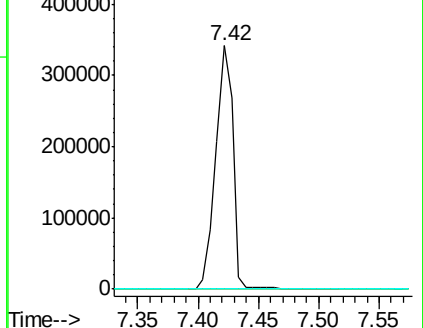
138 0.0 14.9 22.3#

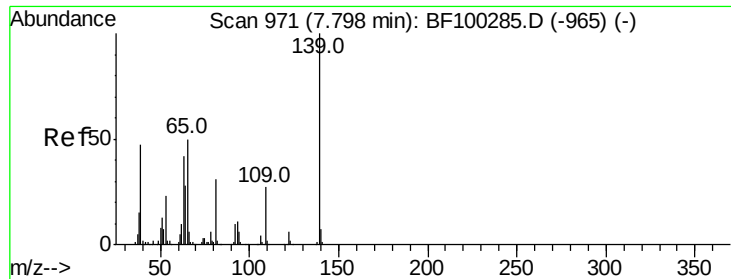


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

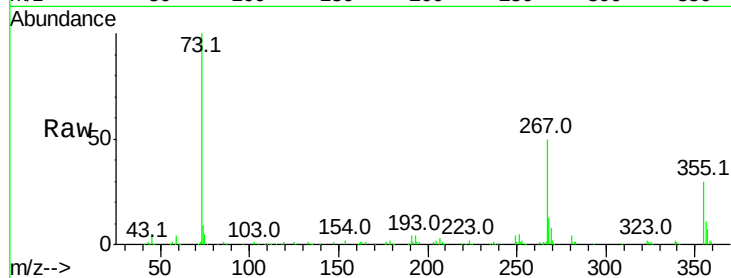




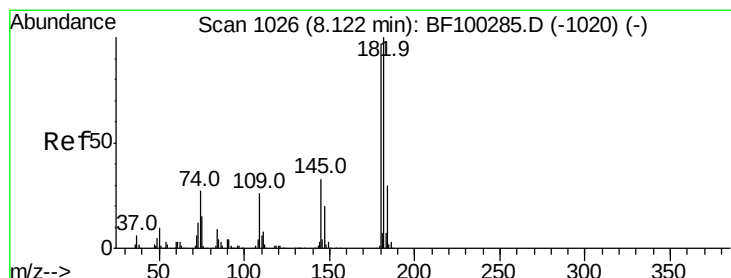
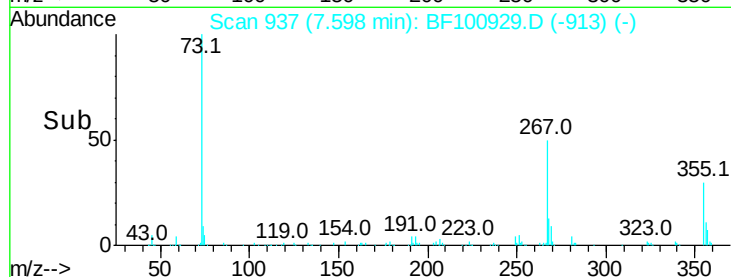
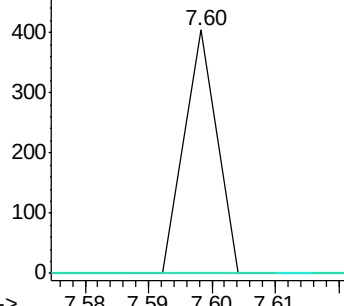
#26  
2-Nitrophenol  
Concen: 5.466 ng  
RT: 7.60 min Scan# 937  
Delta R.T. -0.16 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:139 Resp: 143  
Ion Ratio Lower Upper  
139 100  
109 0.0 22.7 34.1#  
65 0.0 40.5 60.7#

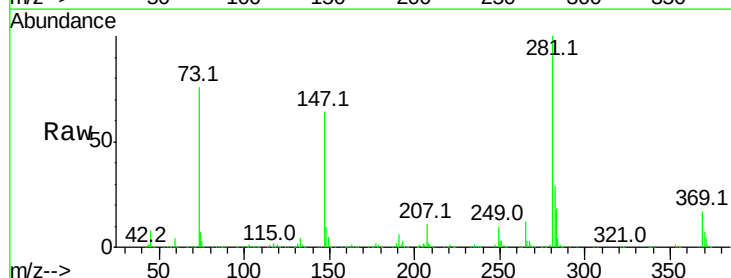


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

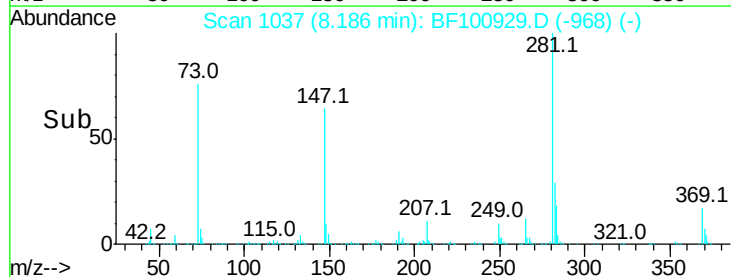
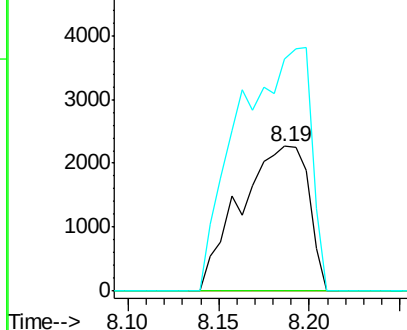


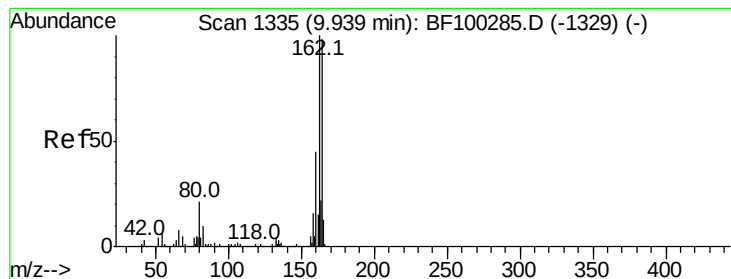
#30  
1,2,4-Trichlorobenzene  
Concen: 2.020 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. 0.11 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

Tgt Ion:180 Resp: 5951  
Ion Ratio Lower Upper  
180 100  
182 0.0 76.8 115.2#  
145 160.1 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

Instrument :

BNA\_F

ClientSampled :

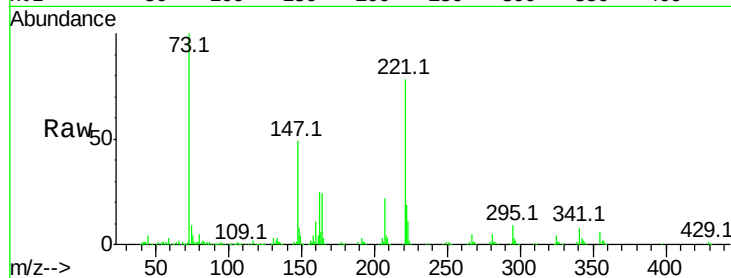
Tot Ion:164 Resp: 63133

Ion Ratio Lower Upper

164 100

162 106.5 86.1 129.1

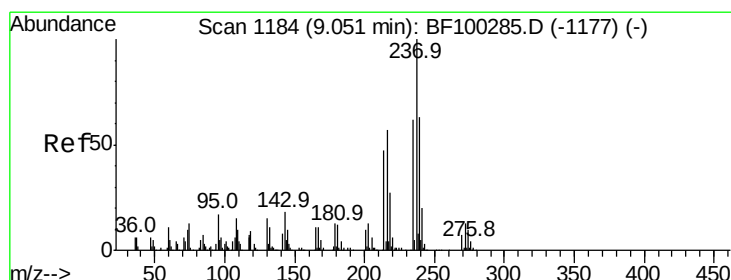
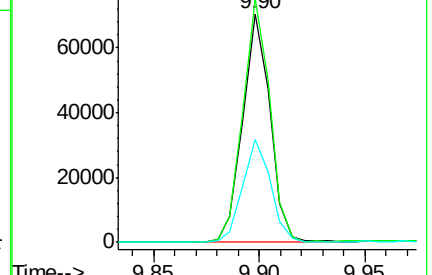
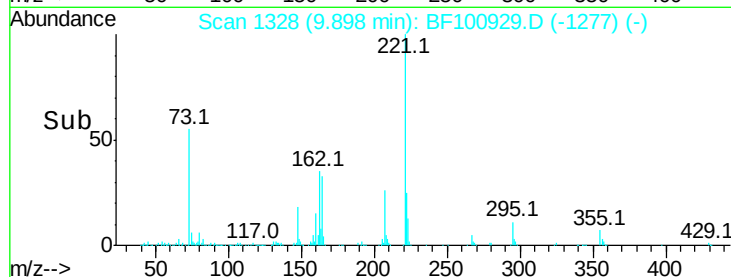
160 45.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.069 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.20 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

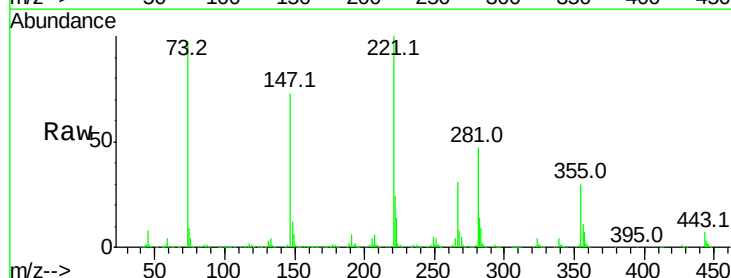
Tgt Ion:237 Resp: 50326

Ion Ratio Lower Upper

237 100

235 107.3 44.8 84.8#

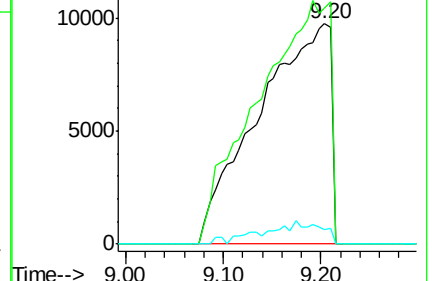
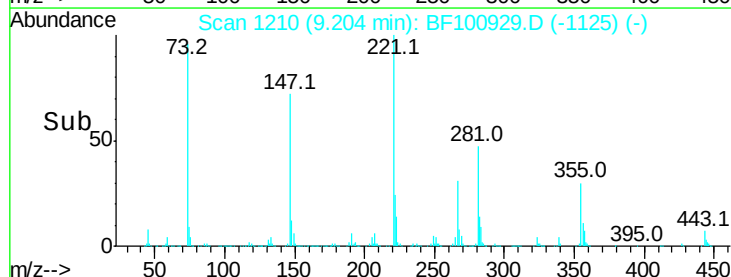
272 6.8 0.0 33.3



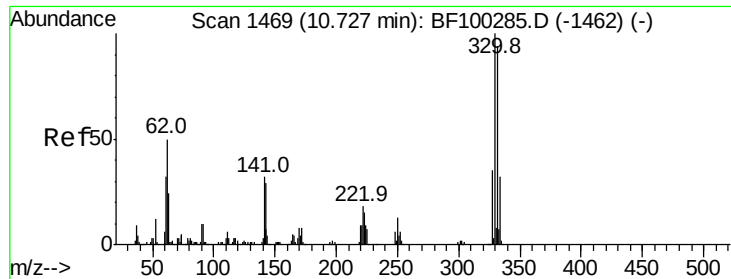
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



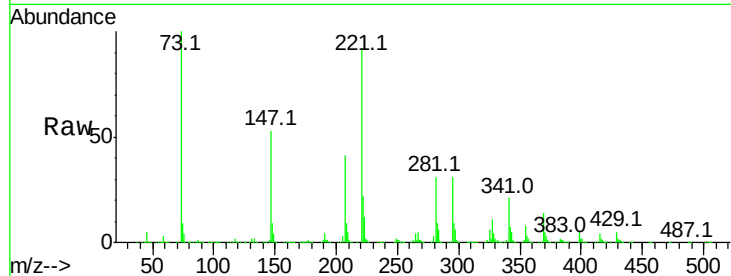




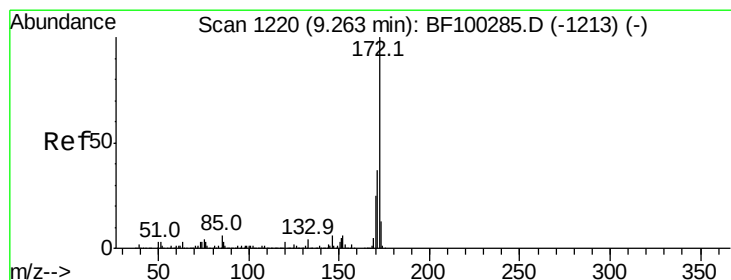
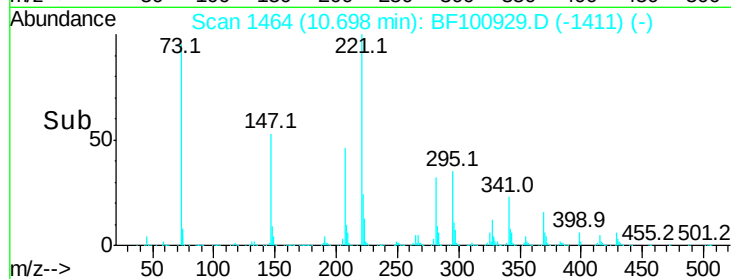
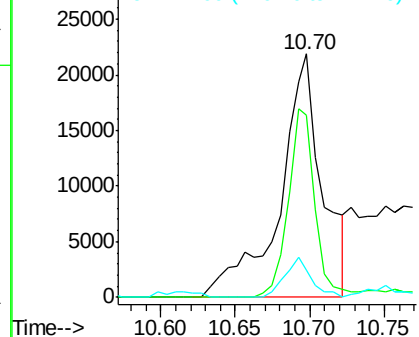
#41  
2,4,6-Tribromophenol  
Concen: 67.962 ng  
RT: 10.70 min Scan# 1464  
Delta R.T. 0.01 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:330 Resp: 43722  
Ion Ratio Lower Upper  
330 100  
332 48.9 77.0 115.6#  
141 10.3 29.9 44.9#

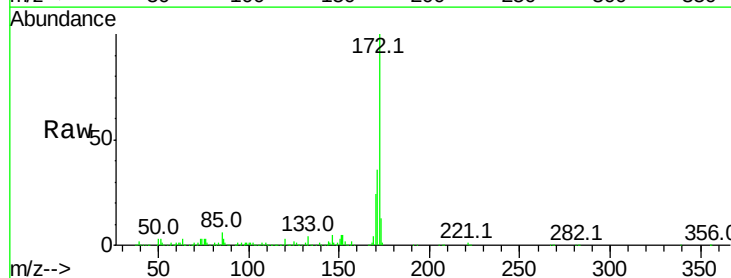


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

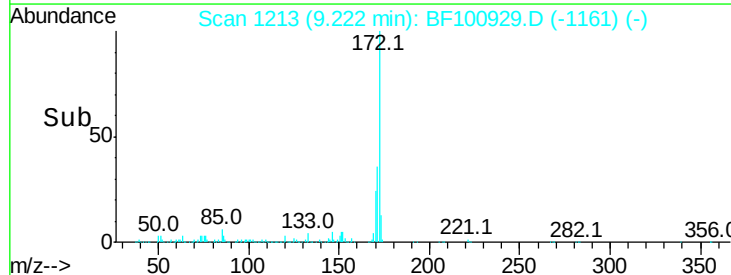
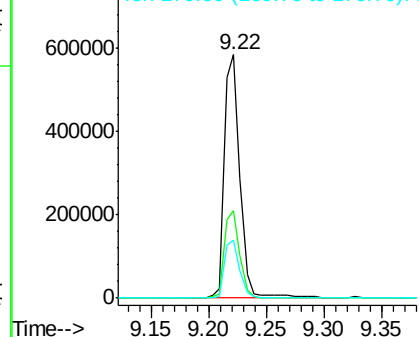


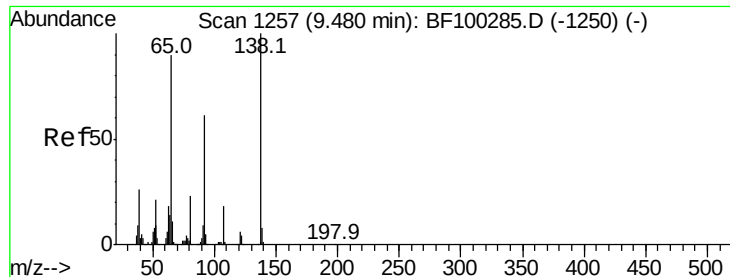
#44  
2-Fluorobiphenyl  
Concen: 132.419 ng  
RT: 9.22 min Scan# 1213  
Delta R.T. 0.01 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

Tgt Ion:172 Resp: 549023  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.7 44.5  
170 23.7 19.6 29.4



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





#47

2-Nitroaniline

Concen: 2.975 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.20 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

Instrument :

BNA\_F

ClientSampleId :

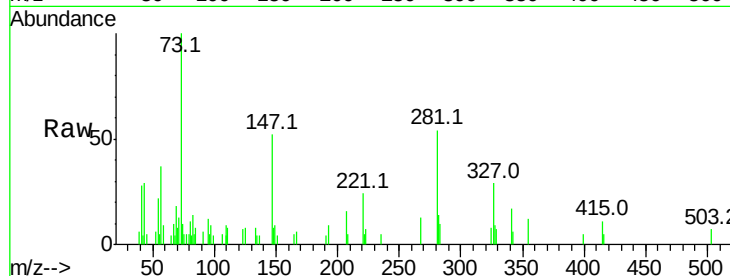
Tot Ion: 65 Resp: 238

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

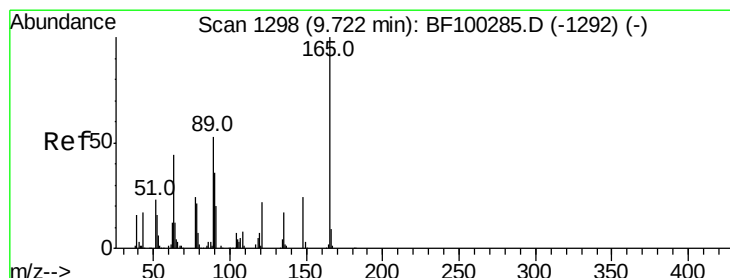
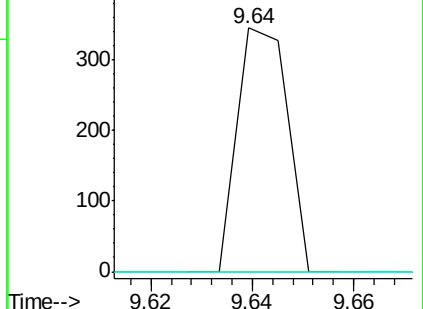
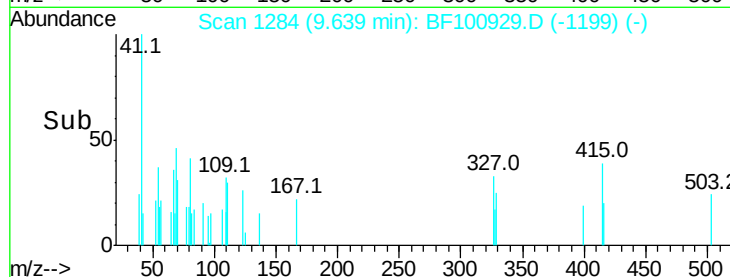
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 2.515 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.04 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

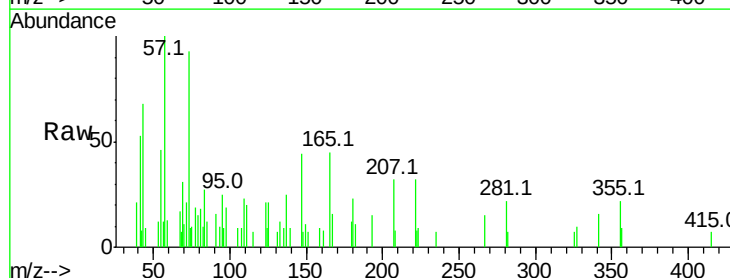
Tgt Ion: 165 Resp: 2400

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

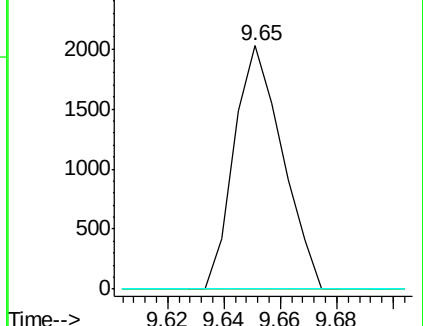
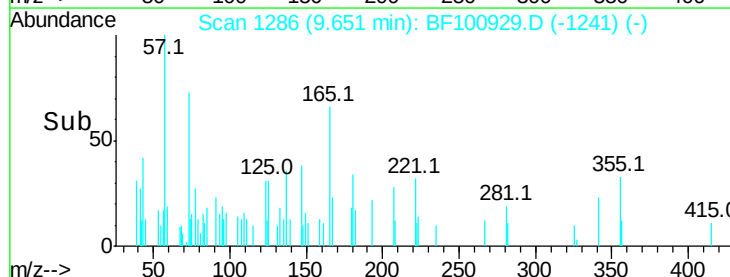
89 0.0 44.0 66.0#

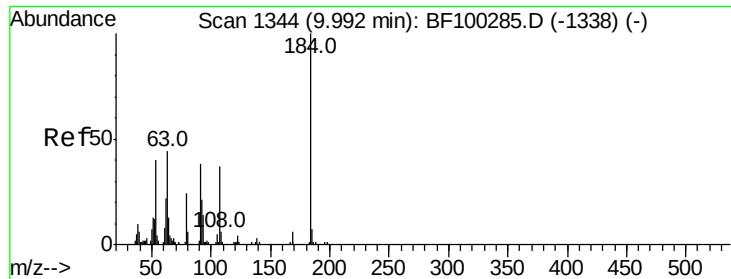


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

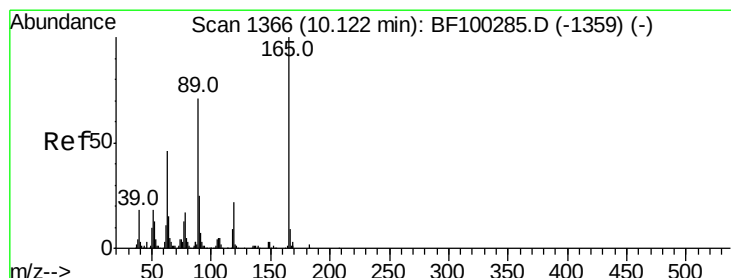
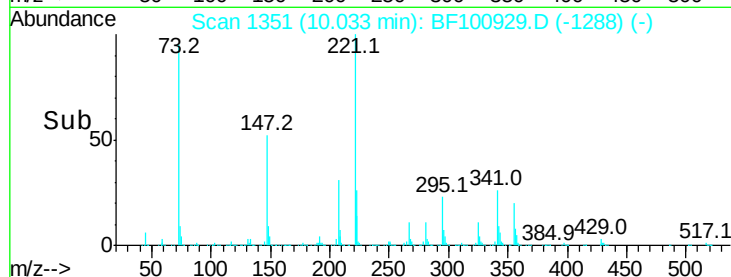
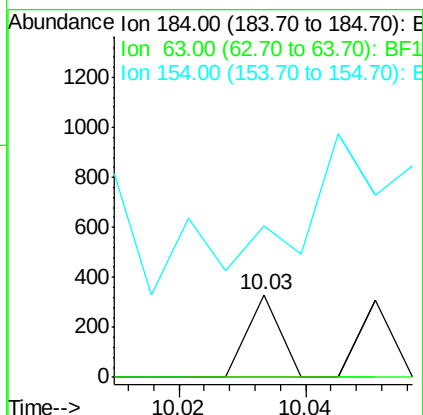
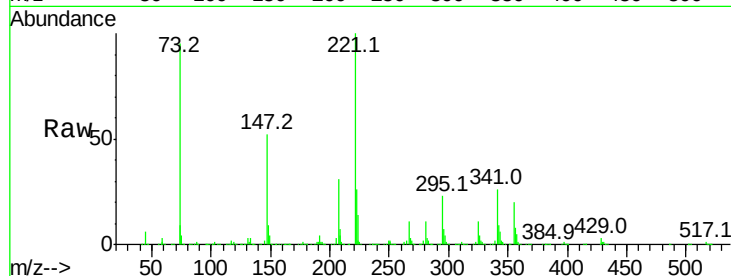




#53  
2,4-Dinitrophenol  
Concen: 8.203 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.07 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

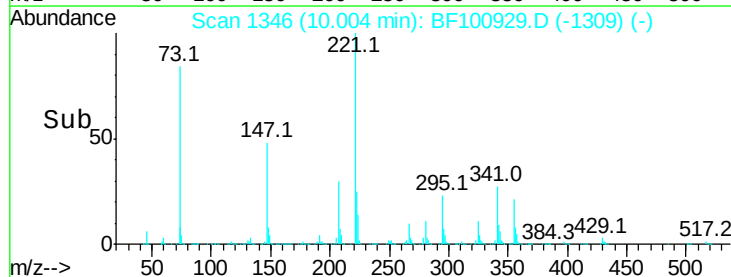
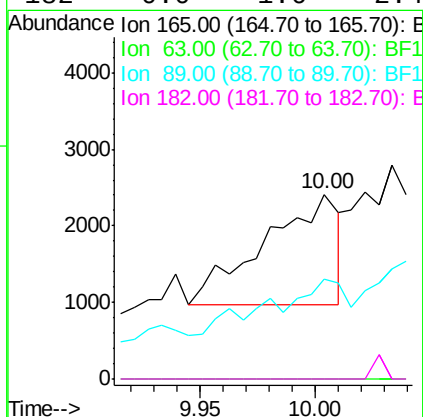
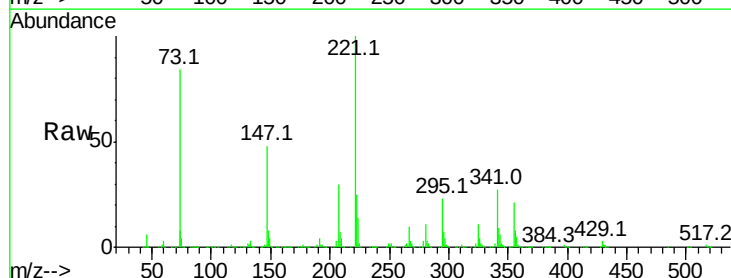
Instrument :  
BNA\_F  
ClientSampled :

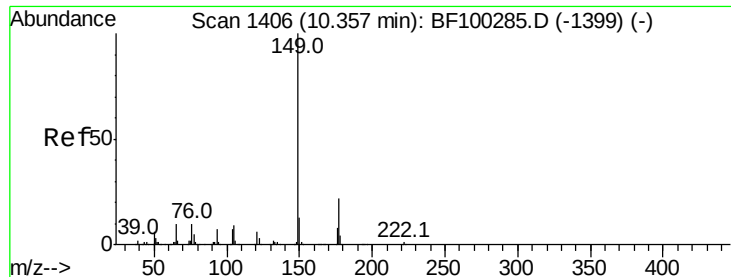
Tot Ion:184 Resp: 117  
Ion Ratio Lower Upper  
184 100  
63 0.0 54.2 81.2#  
154 181.9 184.0 276.0#



#56  
2,4-Dinitrotoluene  
Concen: 2.711 ng  
RT: 10.00 min Scan# 1346  
Delta R.T. -0.08 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

Tgt Ion:165 Resp: 3263  
Ion Ratio Lower Upper  
165 100  
63 0.0 36.4 54.6#  
89 53.9 57.8 86.6#  
182 0.0 1.6 2.4#





#59

Diethylphthalate

Concen: 4.788 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.03 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

Instrument :

BNA\_F

ClientSampleId :

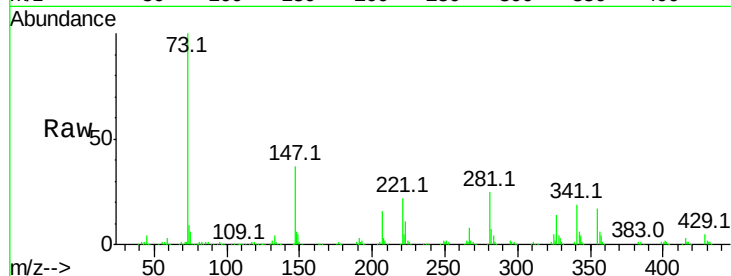
Tot Ion:149 Resp: 23097

Ion Ratio Lower Upper

149 100

177 16.6 16.1 24.1

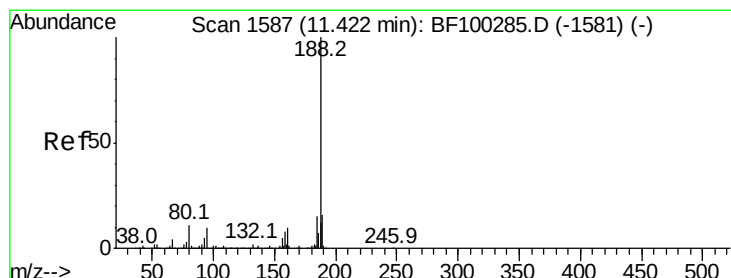
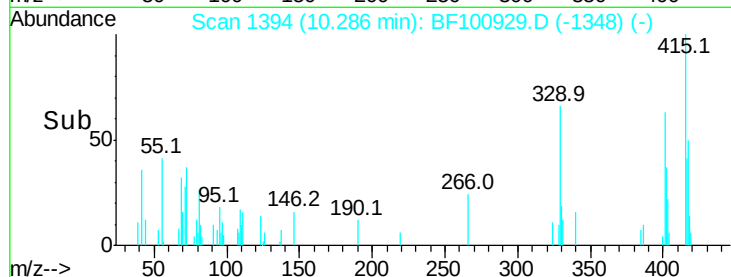
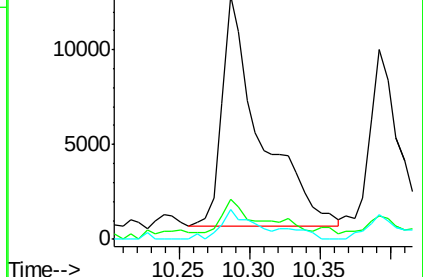
150 12.1 10.1 15.1



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

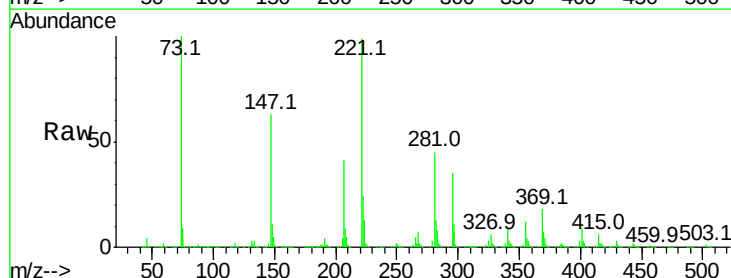
Tgt Ion:188 Resp: 12677

Ion Ratio Lower Upper

188 100

94 5.1 8.5 12.7#

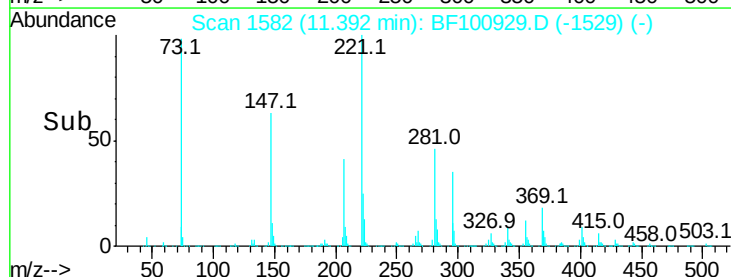
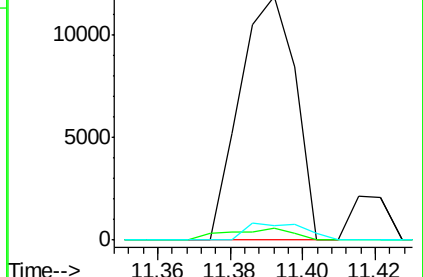
80 5.8 9.2 13.8#

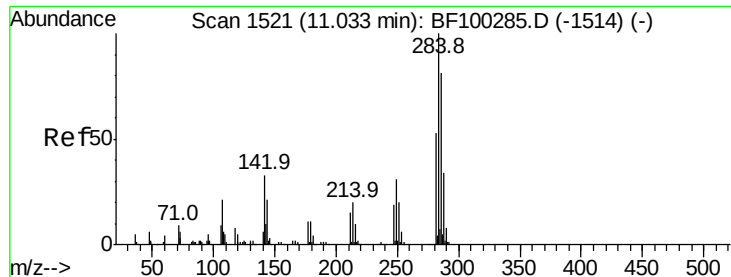


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

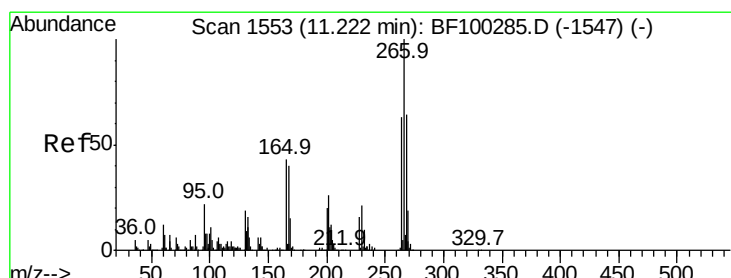
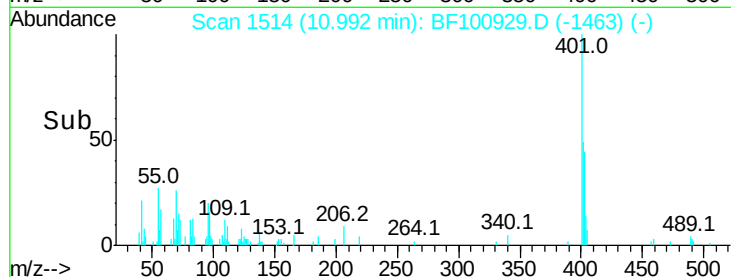
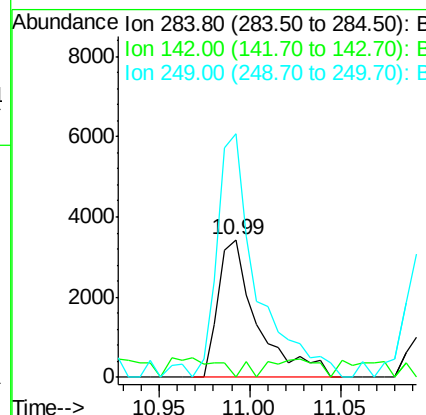
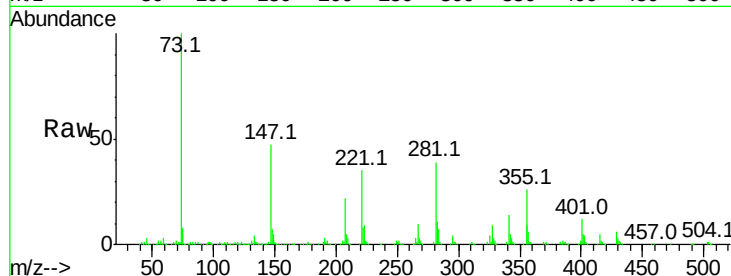




#67  
Hexachlorobenzene  
Concen: 36.030 ng  
RT: 10.99 min Scan# 1514  
Delta R.T. -0.00 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

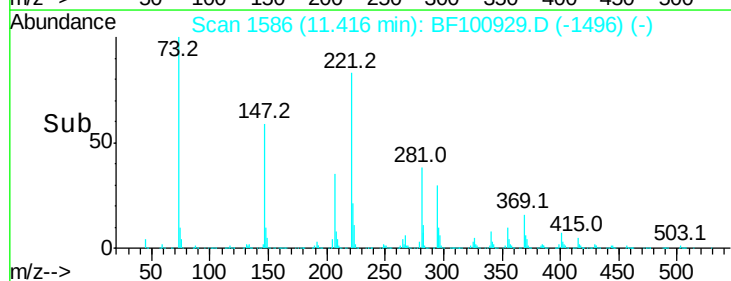
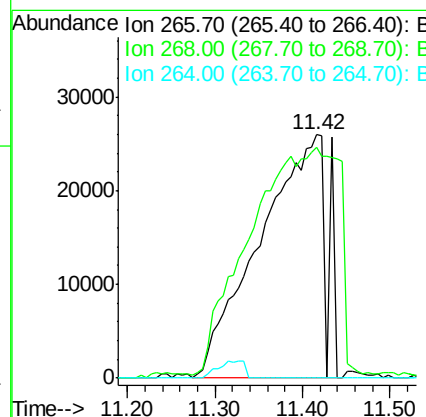
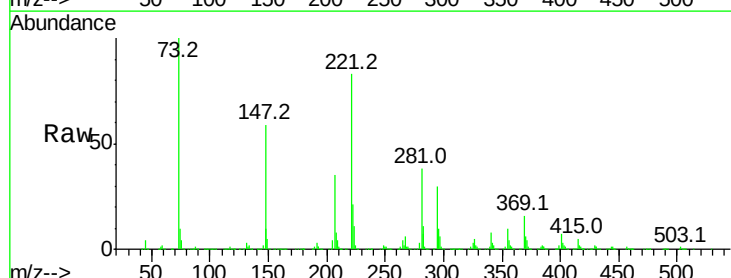
Instrument :  
BNA\_F  
ClientSampleId :

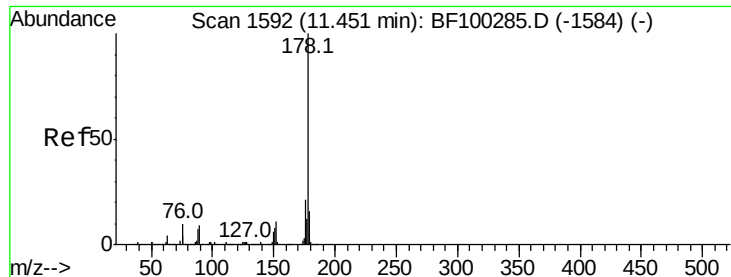
Tot Ion:284 Resp: 5121  
Ion Ratio Lower Upper  
284 100  
142 0.0 34.6 52.0#  
249 177.2 24.8 37.2#



#69  
Pentachlorophenol  
Concen: 1341.207 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. 0.23 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

Tgt Ion:266 Resp: 136690  
Ion Ratio Lower Upper  
266 100  
268 94.7 51.1 76.7#  
264 0.0 49.5 74.3#





#70

Phenanthrene

Concen: 13.926 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

Instrument :

BNA\_F

ClientSampled :

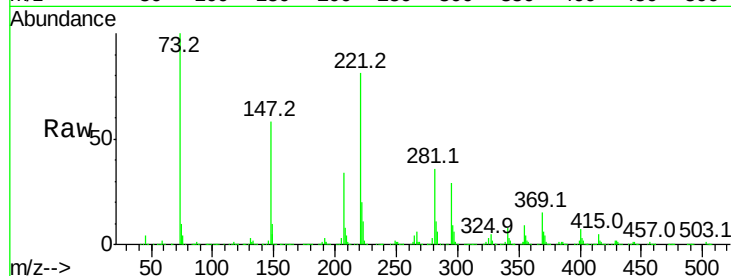
Tot Ion:178 Resp: 9295

Ion Ratio Lower Upper

178 100

176 80.9 15.8 23.8#

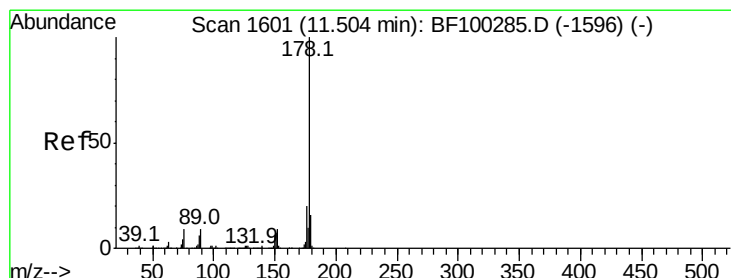
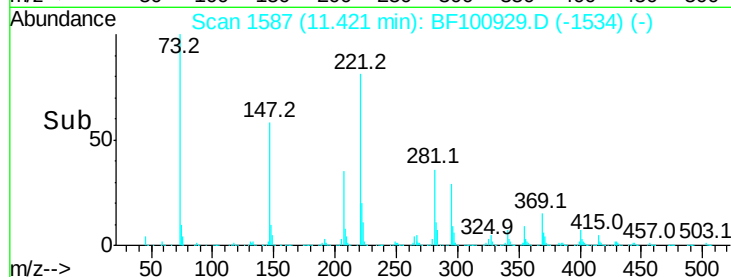
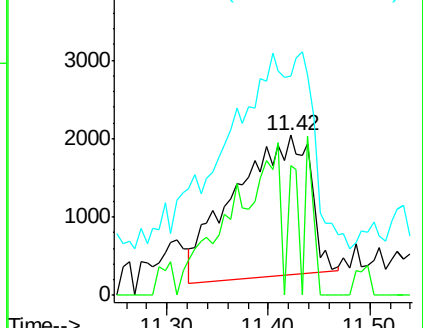
179 136.7 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 13.726 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.04 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

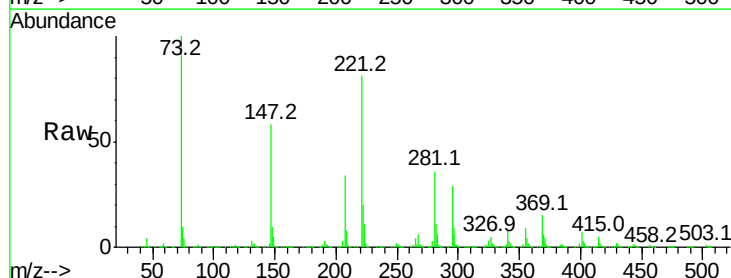
Tgt Ion:178 Resp: 9295

Ion Ratio Lower Upper

178 100

176 80.9 15.4 23.2#

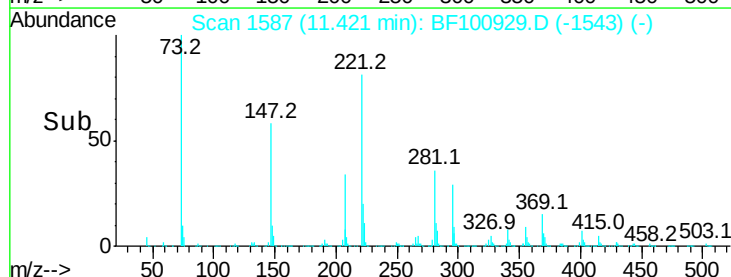
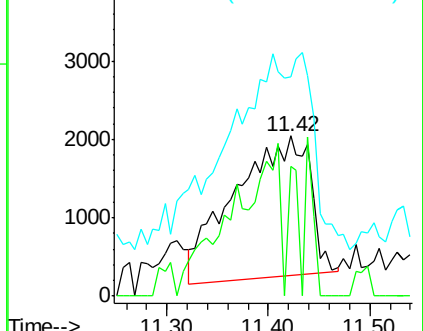
179 136.7 12.6 19.0#

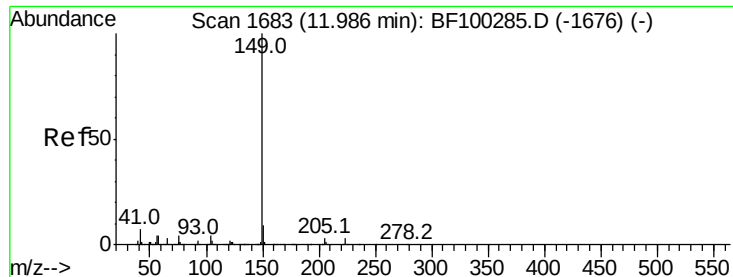


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 638.940 ng

RT: 12.03 min Scan# 1690

Delta R.T. 0.09 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

Instrument :

BNA\_F

ClientSampleId :

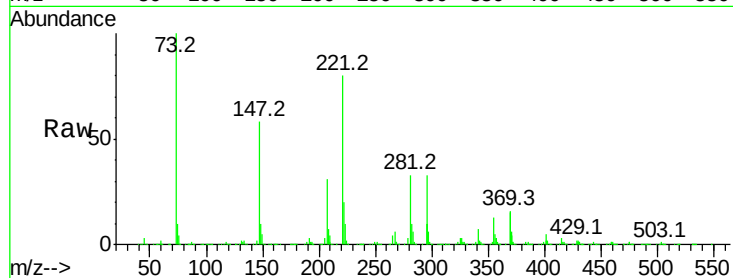
Tot Ion:149 Resp: 467196

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

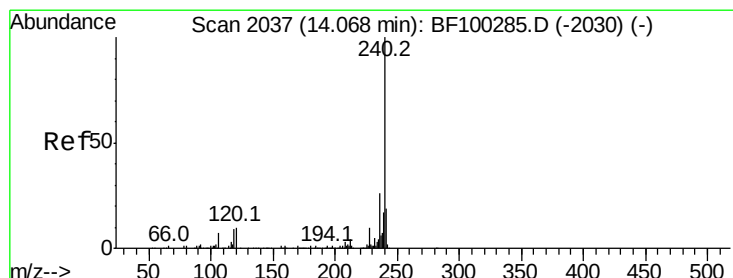
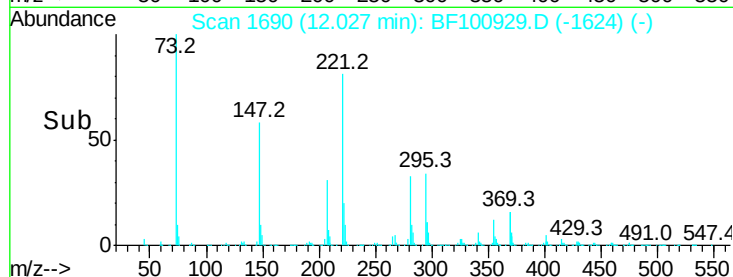
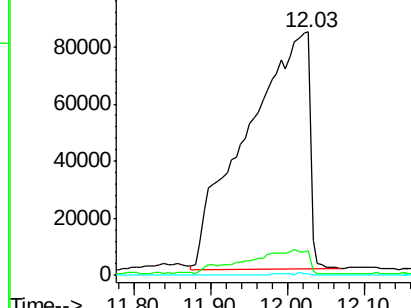
104 0.5 3.8 5.8#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

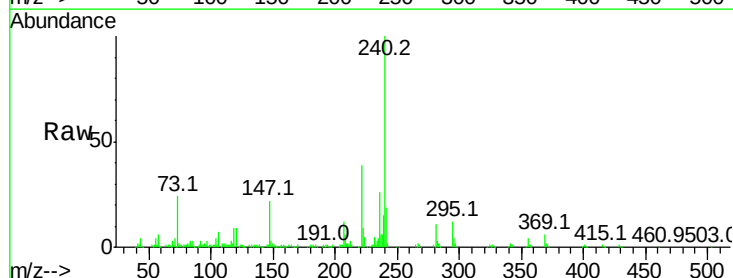
Tgt Ion:240 Resp: 147329

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

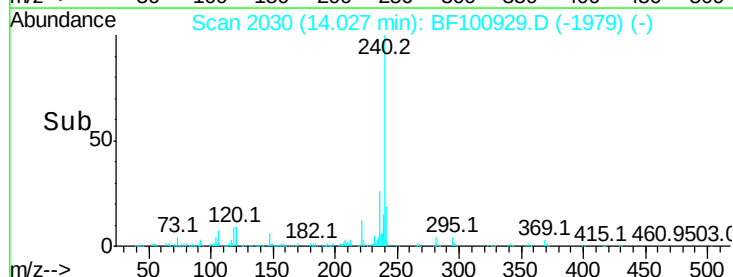
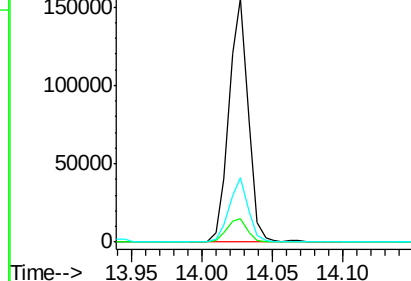
236 26.3 20.7 31.1

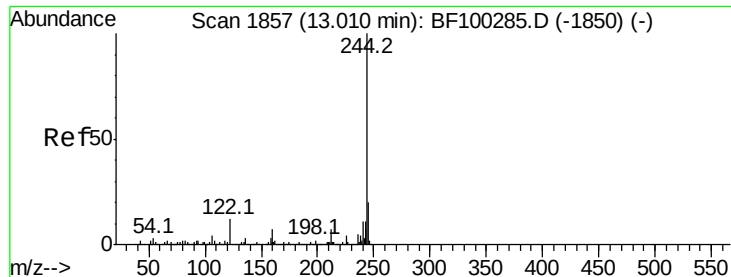


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 15.090 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

Instrument :

BNA\_F

ClientSampled :

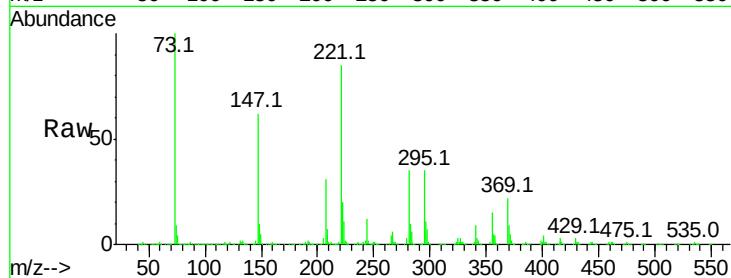
Tot Ion:244 Resp: 96756

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

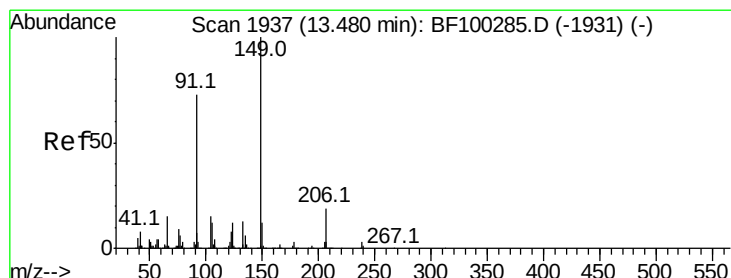
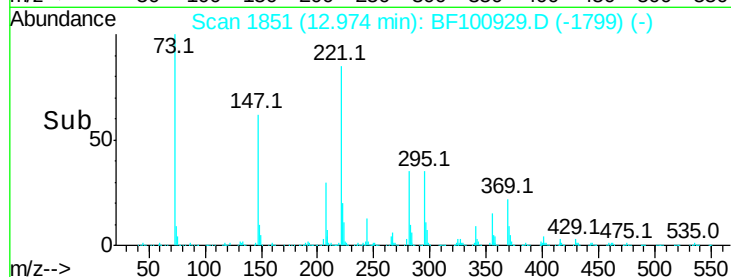
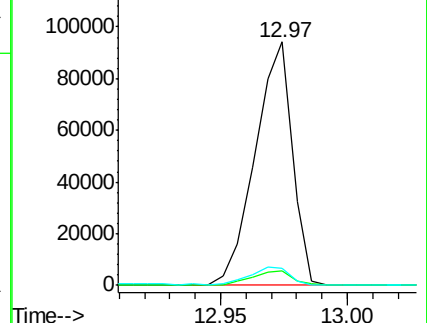
122 6.9 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 80.429 ng

RT: 13.52 min Scan# 1943

Delta R.T. 0.08 min

Lab File: BF100929.D

Acq: 28 Nov 2017 13:08

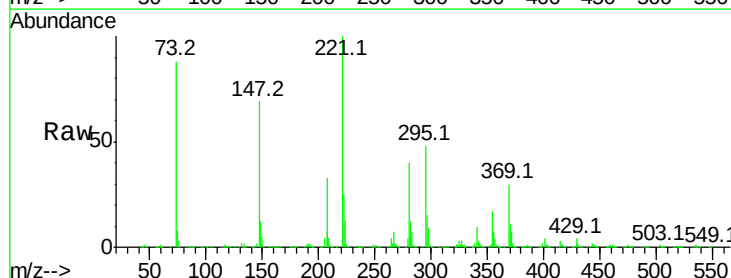
Tgt Ion:149 Resp: 344475

Ion Ratio Lower Upper

149 100

91 0.0 56.8 85.2#

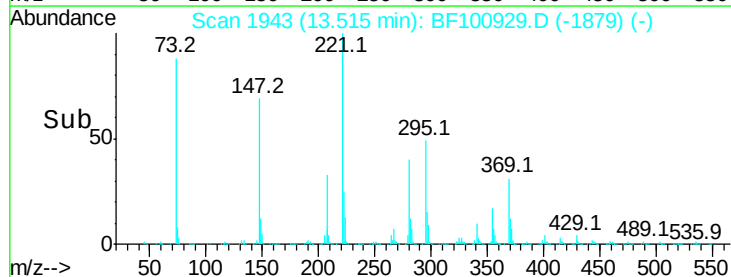
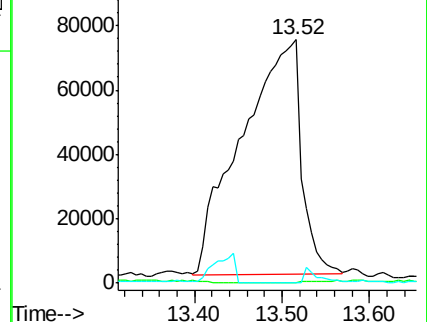
206 0.0 14.1 21.1#



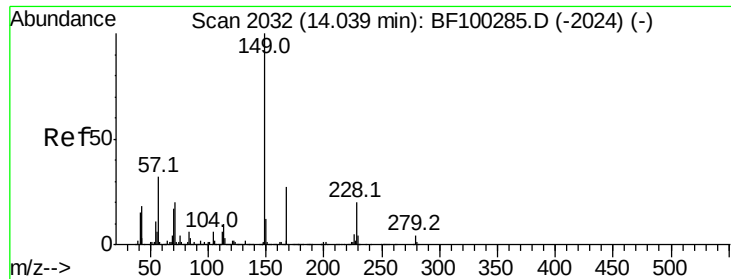
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



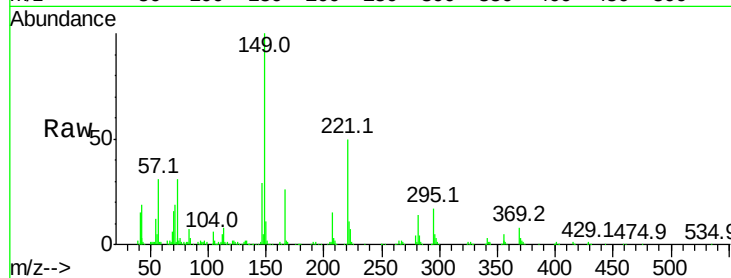




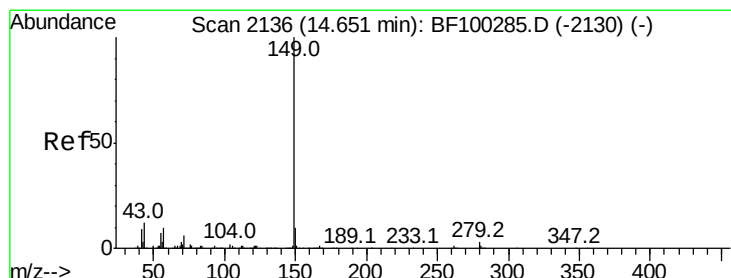
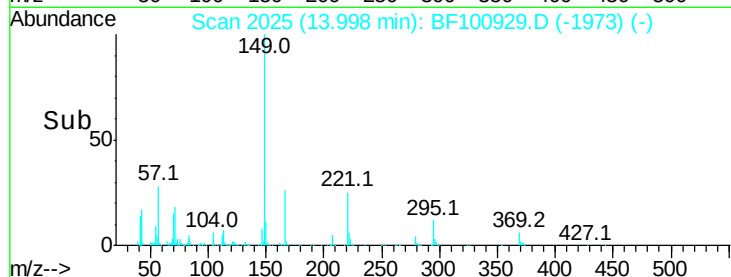
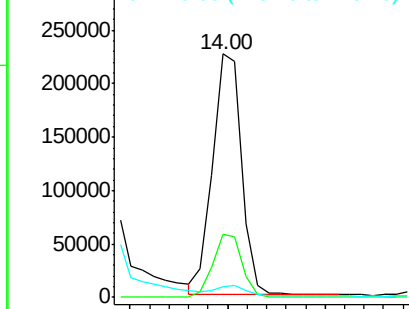
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.433 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. 0.01 min  
 Lab File: BF100929.D  
 Acq: 28 Nov 2017 13:08

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.0  | 21.3  | 31.9  |
| 279     | 4.4   | 3.0   | 4.4   |

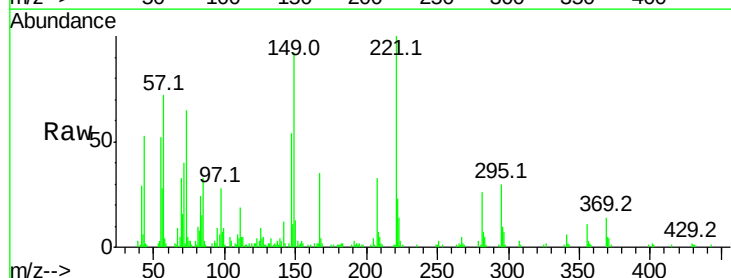


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

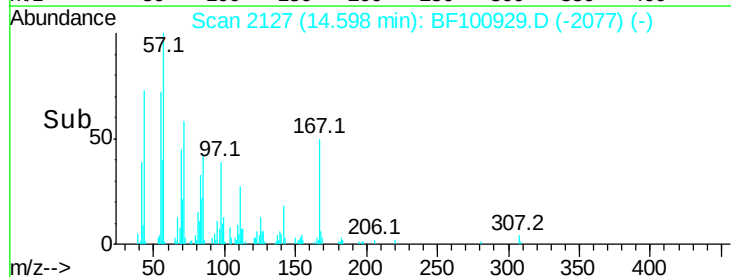
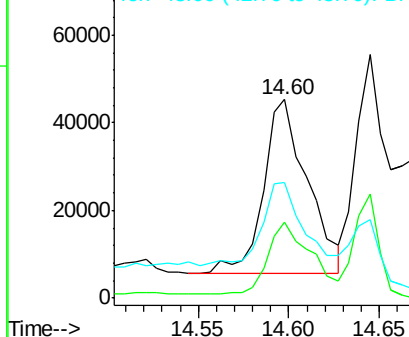


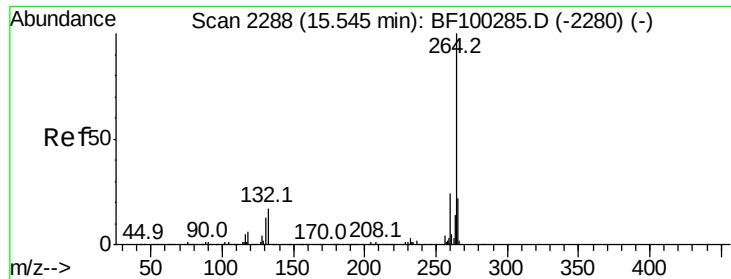
#84  
 Di-n-octyl phthalate  
 Concen: 6.962 ng  
 RT: 14.60 min Scan# 2127  
 Delta R.T. -0.01 min  
 Lab File: BF100929.D  
 Acq: 28 Nov 2017 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 40.9  | 1.2   | 1.8#  |
| 43      | 39.4  | 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





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.50 min Scan# 2281  
Delta R.T. 0.01 min  
Lab File: BF100929.D  
Acq: 28 Nov 2017 13:08

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 19.2  | 28.8  |
| 265     | 21.2  | 17.5  | 26.3  |

