

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\  
 Data File : BF078042.D  
 Acq On : 27 Mar 2015 17:50  
 Operator : TP/IZ  
 Sample : G1654-06  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-9-3-24-15

Quant Time: Mar 28 06:10:12 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 28 05:39:24 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.07  | 152  | 37099    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.65  | 136  | 149908   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.82 | 164  | 79101    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.65 | 188  | 148645   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 15.93 | 240  | 167391   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 17.62 | 264  | 159670   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.38  | 112  | 22904    | 10.78 | ng    | 0.01     |
| 7) Phenol-d6                | 6.67  | 99   | 21083    | 8.03  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.77  | 82   | 198197   | 86.67 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 11.80 | 330  | 22807    | 30.14 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.00 | 172  | 451581   | 83.90 | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.65 | 244  | 556837   | 81.26 | ng    | 0.00     |

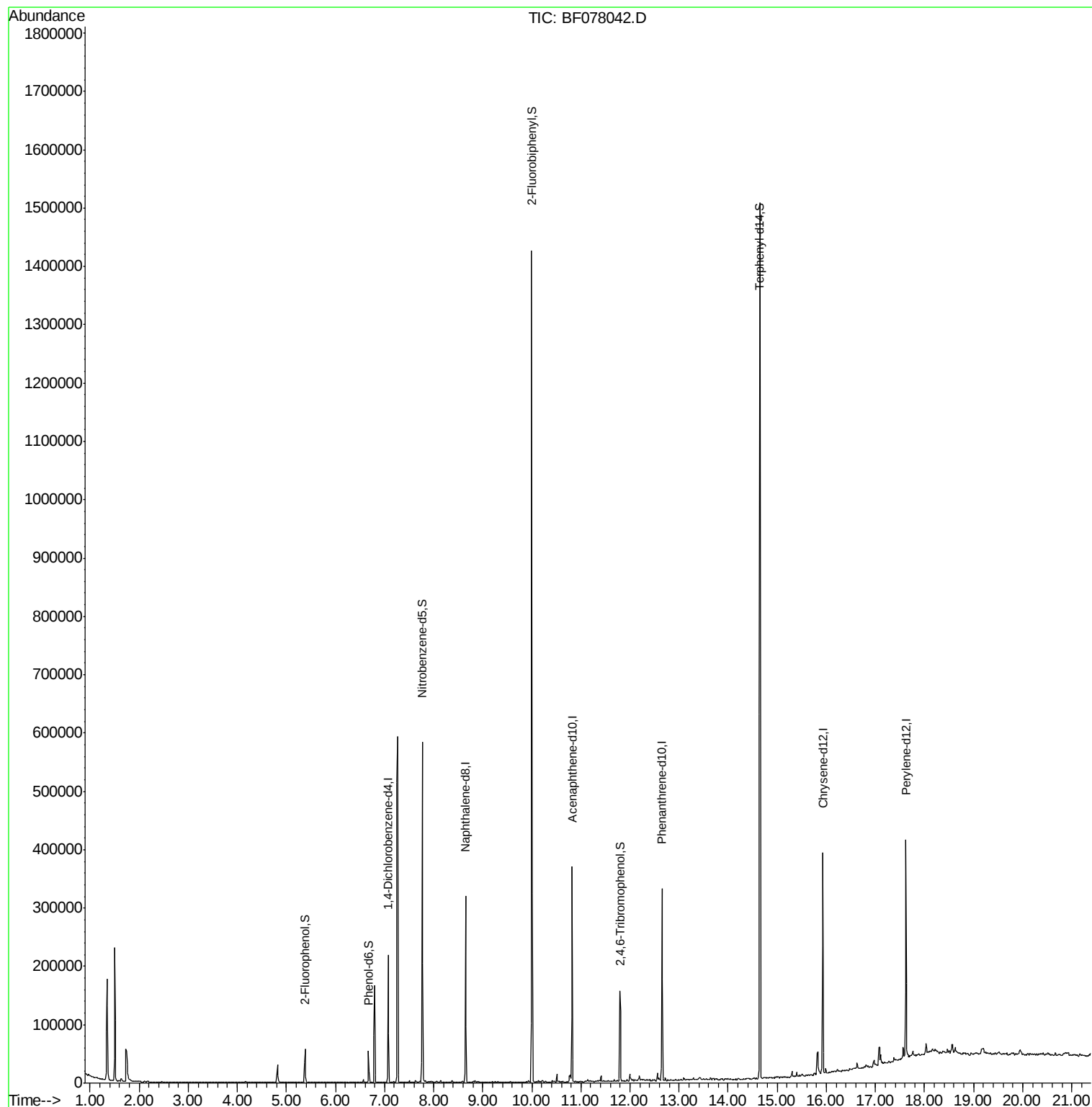
Target Compounds Qvalue

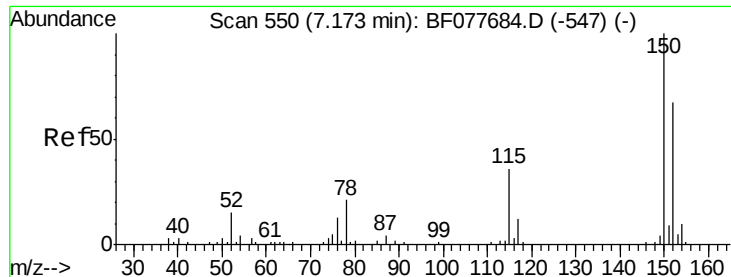
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 28 05:39:24 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078042.D

Acq: 27 Mar 2015 17:50

Instrument :

BNA\_F

ClientSampleId :

MW-9-3-24-15

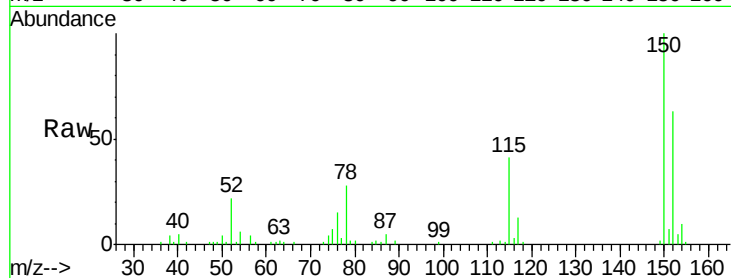
Tot Ion:152 Resp: 37099

Ion Ratio Lower Upper

152 100

150 159.1 119.5 179.3

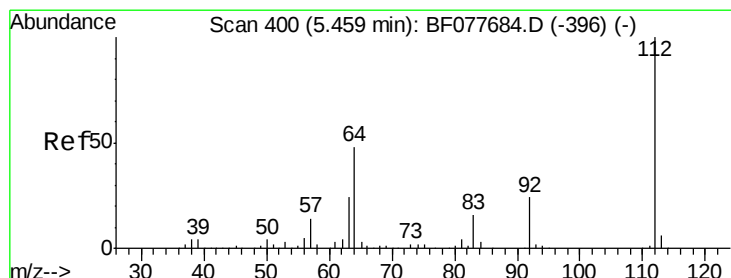
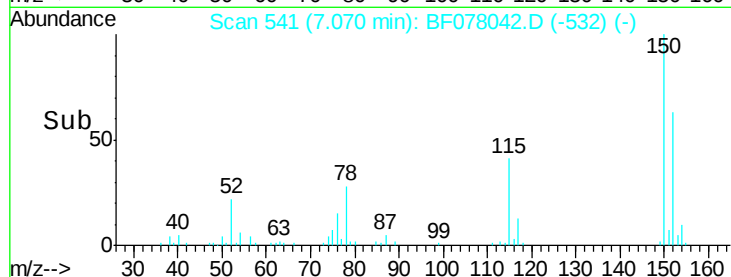
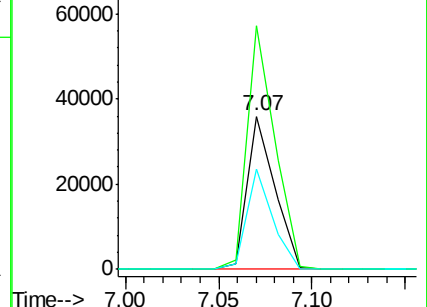
115 65.7 43.0 64.4#



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: 10.78 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF078042.D

Acq: 27 Mar 2015 17:50

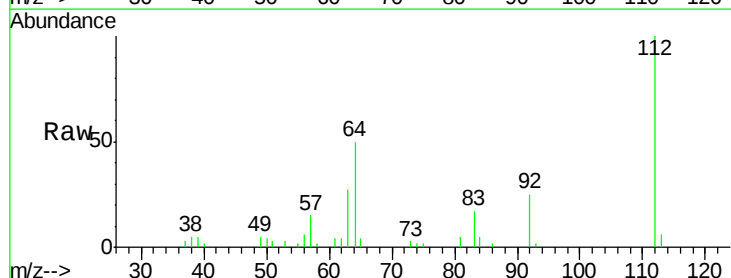
Tgt Ion:112 Resp: 22904

Ion Ratio Lower Upper

112 100

64 49.8 38.6 57.8

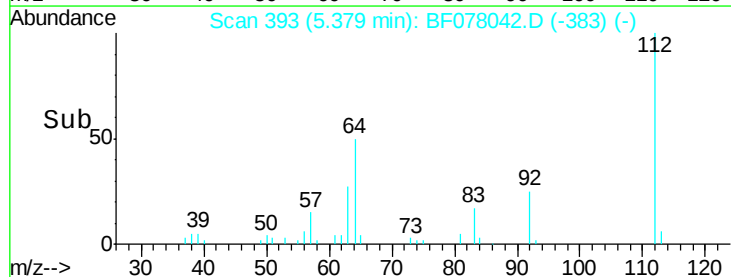
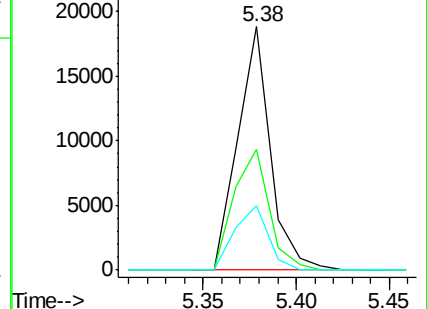
63 26.6 19.3 28.9

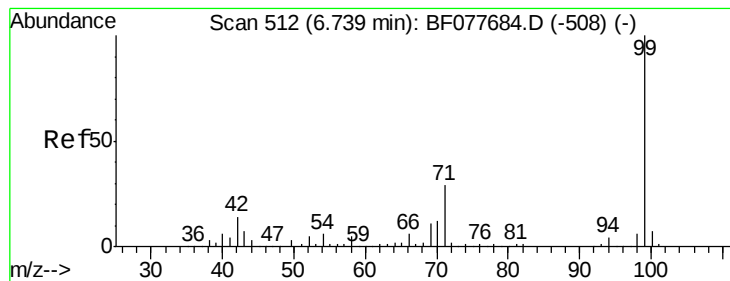


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.03 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078042.D

Acq: 27 Mar 2015 17:50

Instrument :

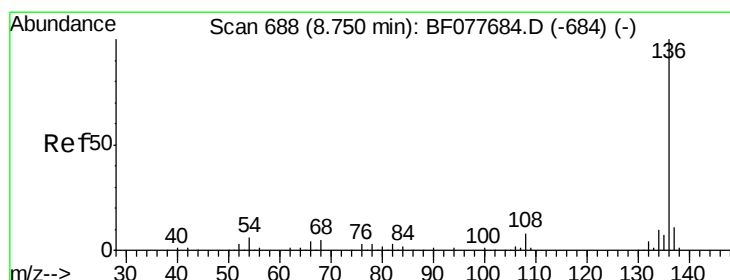
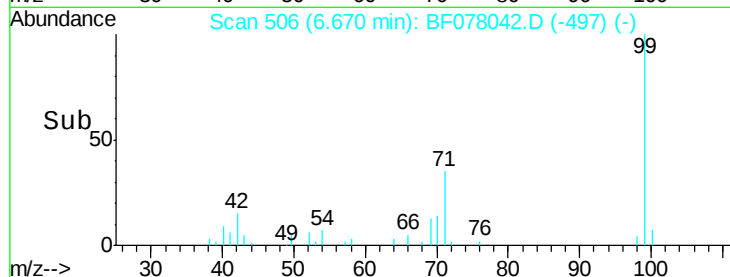
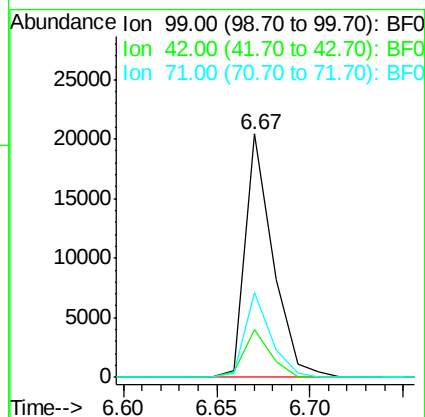
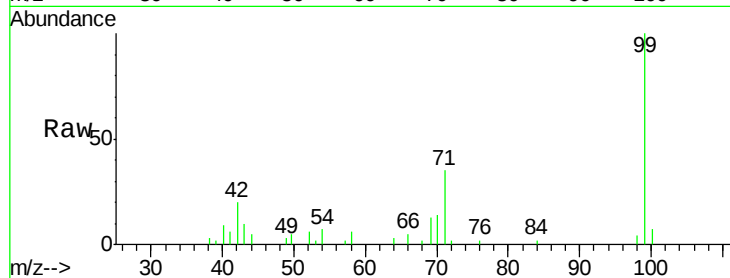
BNA\_F

ClientSampleId :

MW-9-3-24-15

Tot Ion: 99 Resp: 21083

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.5  | 11.0  | 16.4# |
| 71  | 34.7  | 23.4  | 35.2  |



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 679

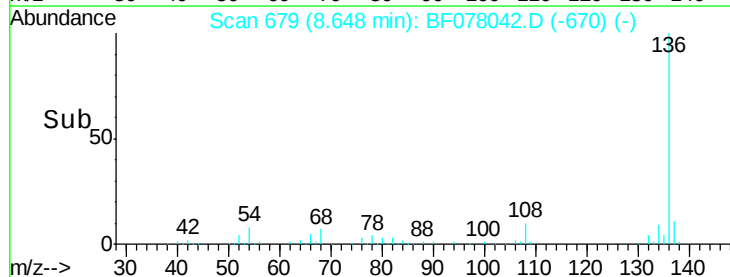
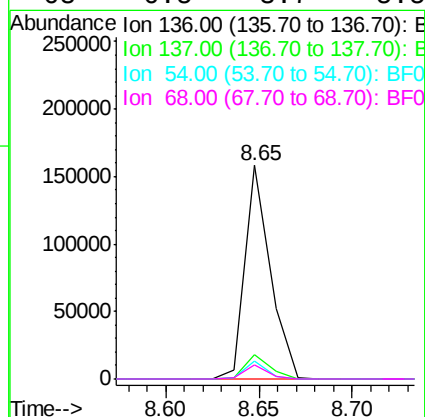
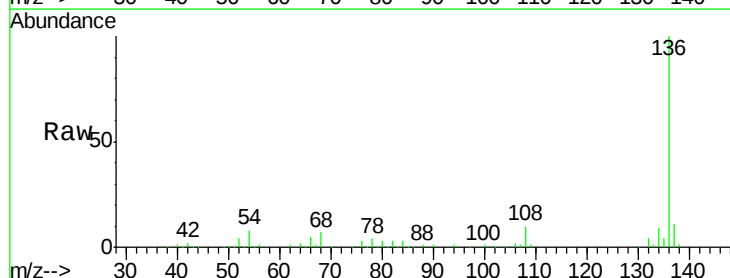
Delta R.T. -0.00 min

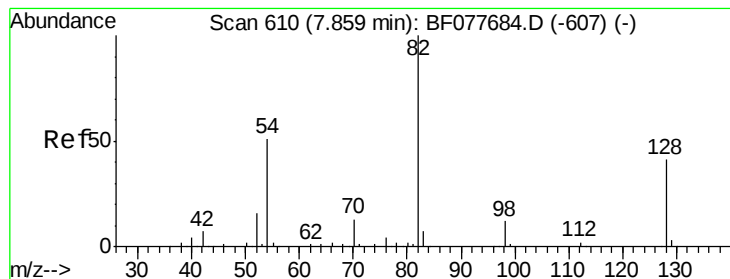
Lab File: BF078042.D

Acq: 27 Mar 2015 17:50

Tgt Ion: 136 Resp: 149908

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.7   | 13.1  |
| 54  | 8.1   | 4.6   | 6.8#  |
| 68  | 6.5   | 3.7   | 5.5#  |





#23

Nitrobenzene-d5

Concen: 86.67 ng

RT: 7.77 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF078042.D

Acq: 27 Mar 2015 17:50

Instrument :

BNA\_F

ClientSampleId :

MW-9-3-24-15

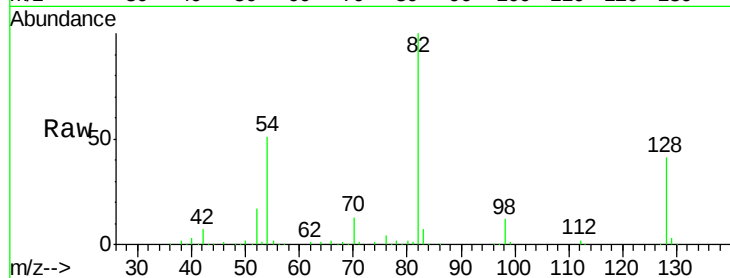
Tot Ion: 82 Resp: 198197

Ion Ratio Lower Upper

82 100

128 40.7 32.8 49.2

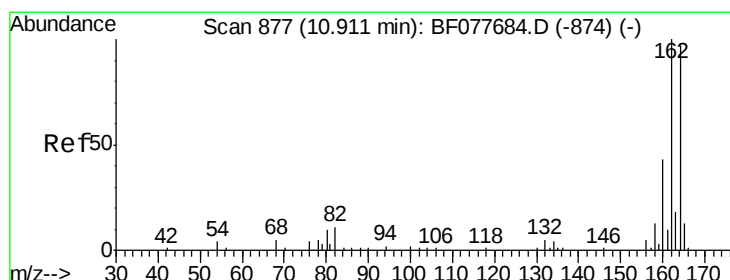
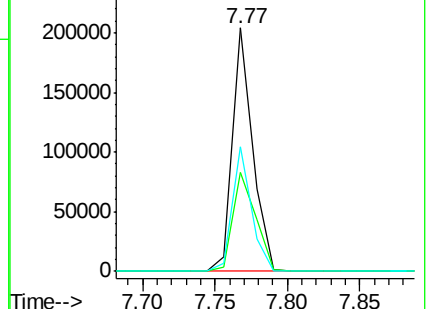
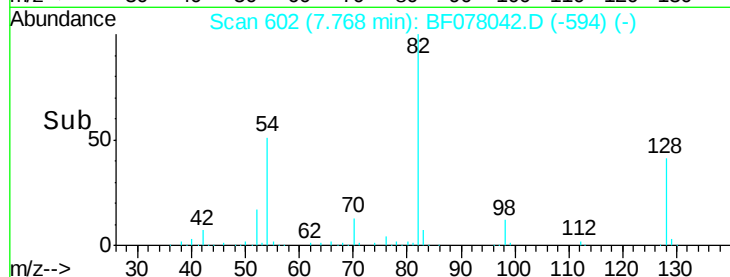
54 51.0 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.82 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF078042.D

Acq: 27 Mar 2015 17:50

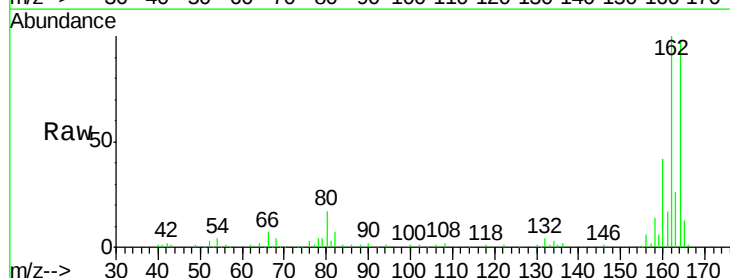
Tgt Ion: 164 Resp: 79101

Ion Ratio Lower Upper

164 100

162 101.8 82.4 123.6

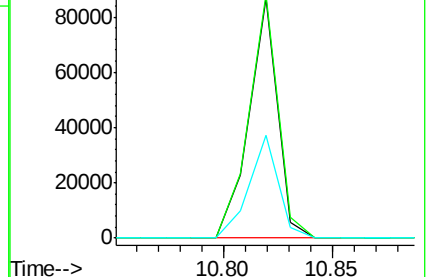
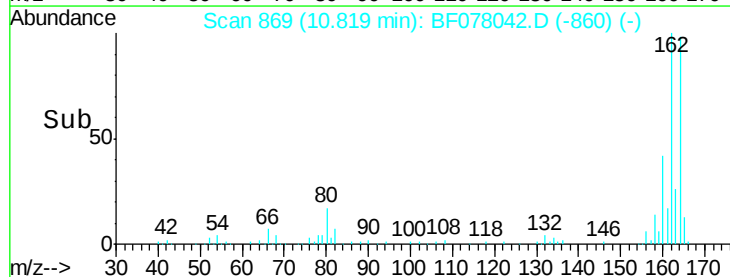
160 43.2 35.8 53.6

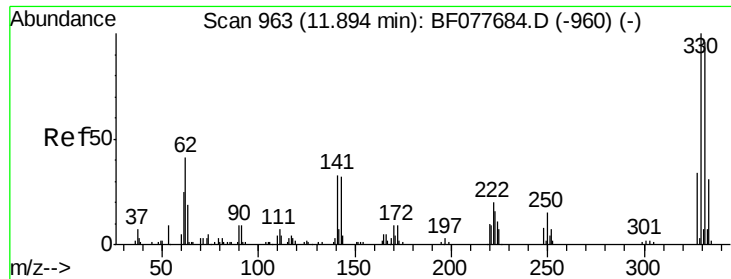


Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

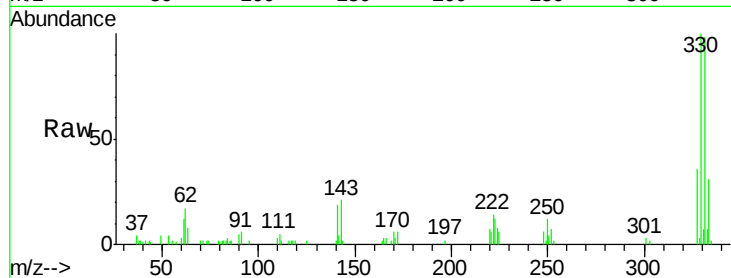




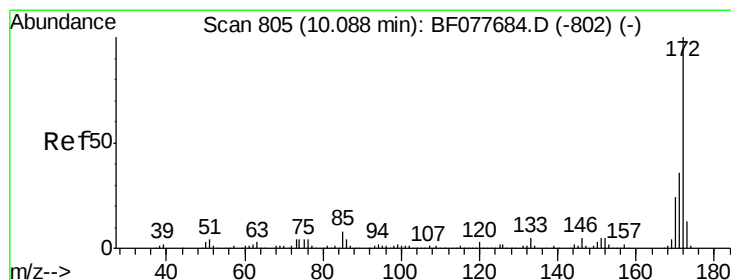
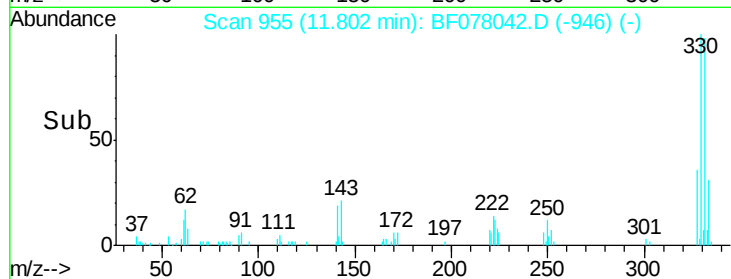
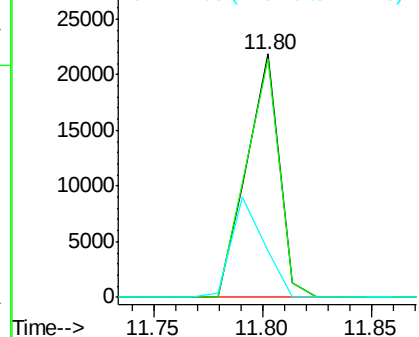
#41  
 2,4,6-Tribromophenol  
 Concen: 30.14 ng  
 RT: 11.80 min Scan# 955  
 Delta R.T. -0.00 min  
 Lab File: BF078042.D  
 Acq: 27 Mar 2015 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-9-3-24-15

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 99.2  | 0.0   | 0.0#  |
| 141     | 40.8  | 0.0   | 0.0#  |

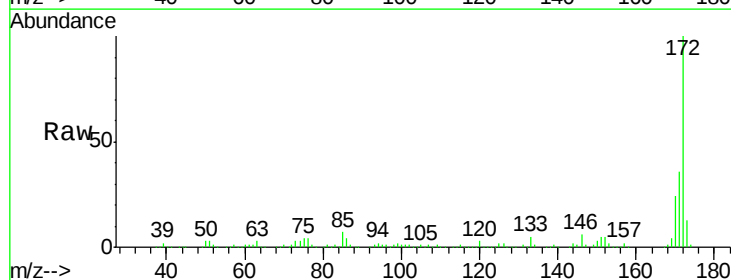


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

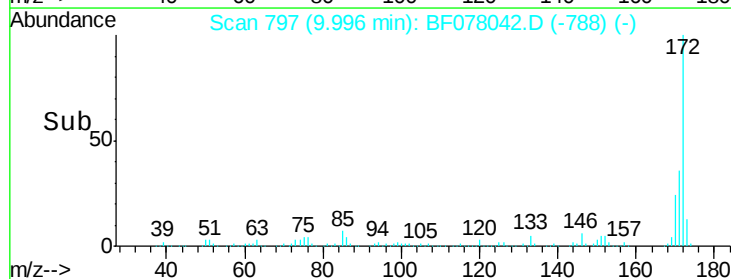
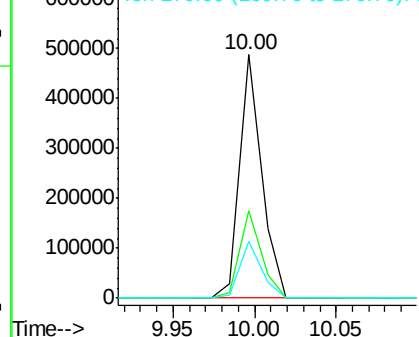


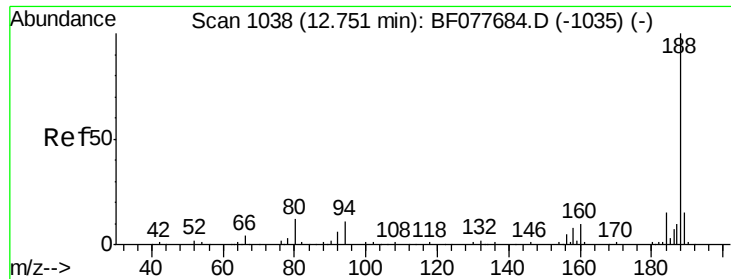
#44  
 2-Fluorobiphenyl  
 Concen: 83.90 ng  
 RT: 10.00 min Scan# 797  
 Delta R.T. -0.00 min  
 Lab File: BF078042.D  
 Acq: 27 Mar 2015 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 28.5  | 42.7  |
| 170     | 23.5  | 18.8  | 28.2  |



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

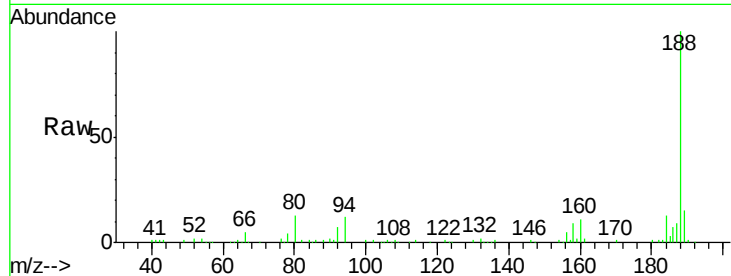




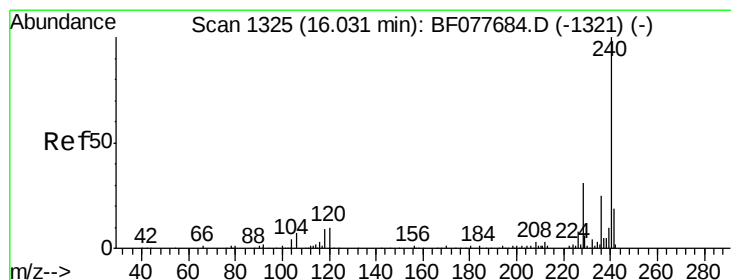
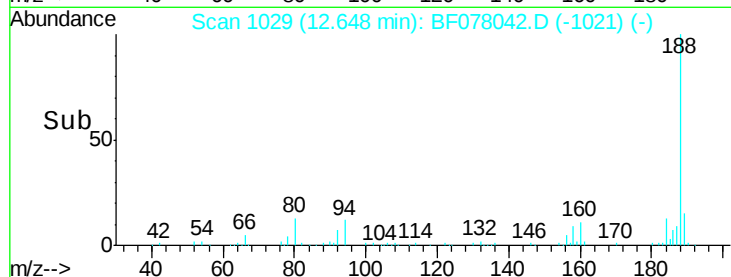
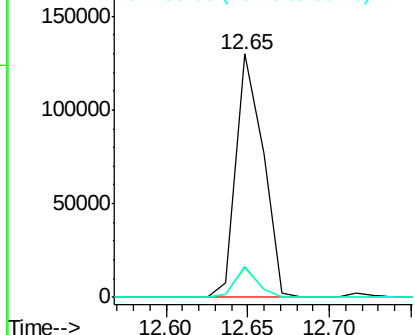
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.65 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BF078042.D  
Acq: 27 Mar 2015 17:50

Instrument :  
BNA\_F  
ClientSampleId :  
MW-9-3-24-15

Tot Ion:188 Resp: 148645  
Ion Ratio Lower Upper  
188 100  
94 12.3 8.7 13.1  
80 13.0 9.3 13.9

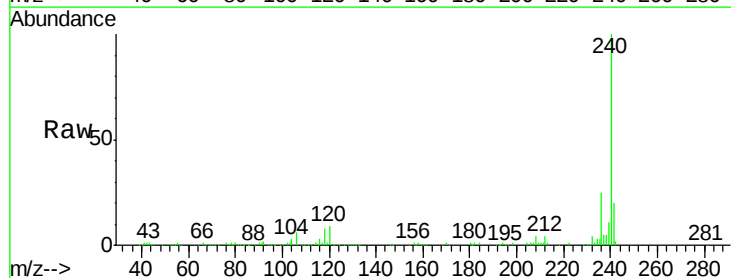


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

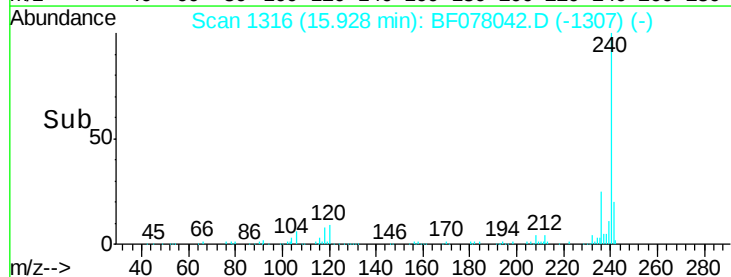
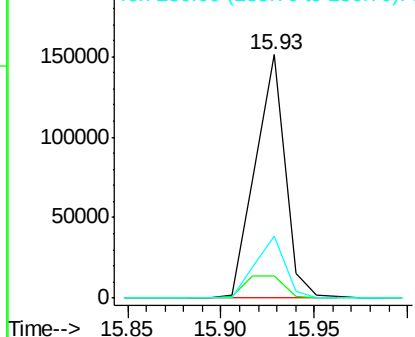


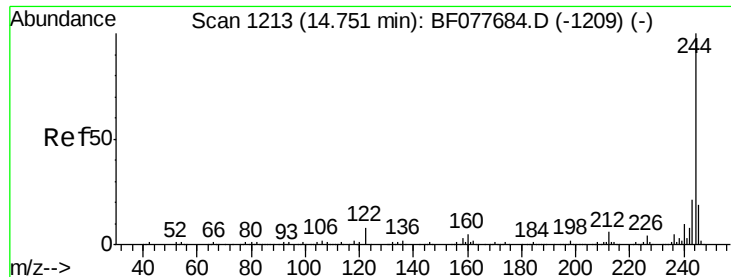
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.93 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: BF078042.D  
Acq: 27 Mar 2015 17:50

Tgt Ion:240 Resp: 167391  
Ion Ratio Lower Upper  
240 100  
120 9.0 8.2 12.2  
236 25.2 20.0 30.0



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

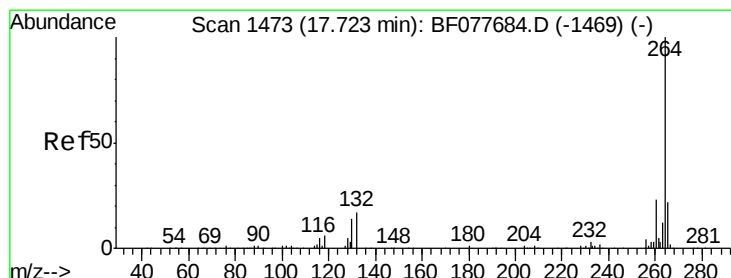
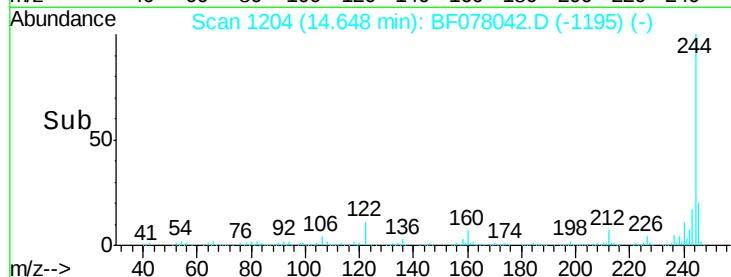
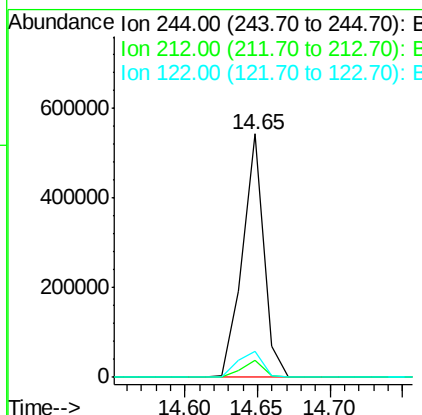
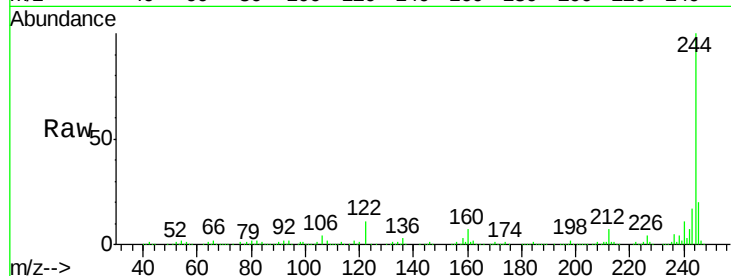




#78  
 Terphenyl-d14  
 Concen: 81.26 ng  
 RT: 14.65 min Scan# 1204  
 Delta R.T. -0.00 min  
 Lab File: BF078042.D  
 Acq: 27 Mar 2015 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-9-3-24-15

Tot Ion:244 Resp: 556837  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 4.9 7.3  
 122 10.9 6.2 9.4#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.62 min Scan# 1464  
 Delta R.T. 0.00 min  
 Lab File: BF078042.D  
 Acq: 27 Mar 2015 17:50

Tgt Ion:264 Resp: 159670  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.6 27.8  
 265 21.3 17.3 25.9

