

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
 Data File : BF077341.D  
 Acq On : 18 Feb 2015 4:34  
 Operator : TP/IZ  
 Sample : G1302-01  
 Misc : W  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FYMW-04

Quant Time: Feb 18 06:45:54 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 18 02:50:27 2015  
 Response via : Initial Calibration

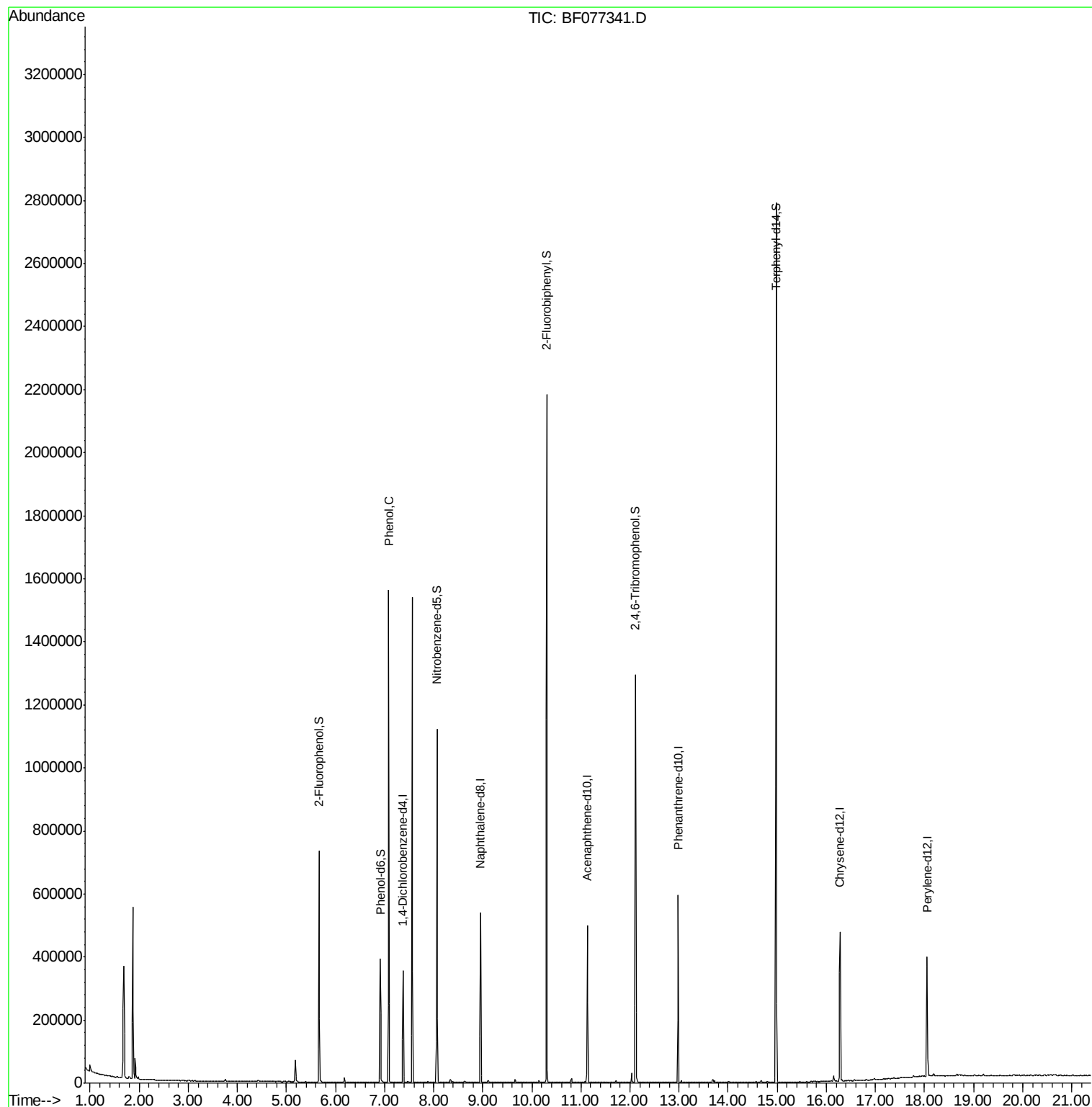
| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.38  | 152  | 59482    | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.96  | 136  | 246216   | 20.00     | ng    | 0.00     |
| 38) Acenaphthene-d10           | 11.13 | 164  | 114672   | 20.00     | ng    | -0.01    |
| 63) Phenanthrene-d10           | 12.98 | 188  | 239866   | 20.00     | ng    | 0.00     |
| 75) Chrysene-d12               | 16.28 | 240  | 230043   | 20.00     | ng    | 0.01     |
| 86) Perylene-d12               | 18.05 | 264  | 220998   | 20.00     | ng    | 0.05     |
| System Monitoring Compounds    |       |      |          |           |       |          |
| 5) 2-Fluorophenol              | 5.66  | 112  | 215675   | 61.96     | ng    | 0.00     |
| 7) Phenol-d6                   | 6.91  | 99   | 161672   | 35.56     | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 8.06  | 82   | 336680   | 94.69     | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 12.11 | 330  | 157703   | 147.47    | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 10.30 | 172  | 804354   | 105.74    | ng    | 0.00     |
| 78) Terphenyl-d14              | 14.98 | 244  | 961006   | 94.98     | ng    | 0.00     |
| Target Compounds               |       |      |          |           |       |          |
| 10) Phenol                     | 7.08  | 94   | 681      | 4.06      | ng    | # 1      |
| 83) Bis(2-ethylhexyl)phthalate | 16.32 | 149  | 1171     | Below Cal |       | # 53     |

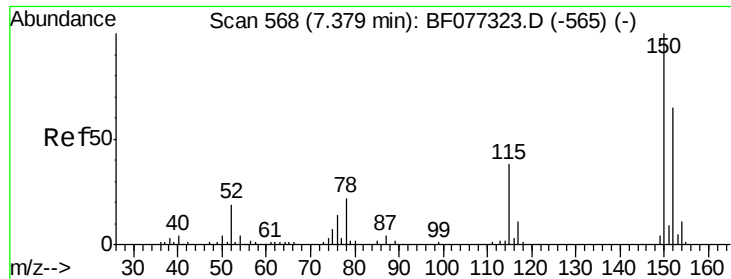
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

Instrument :

BNA\_F

ClientSampleId :

FYMW-04

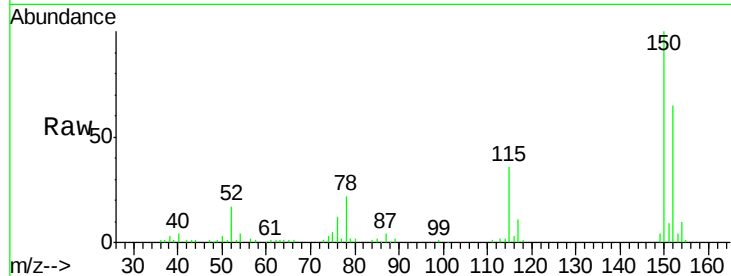
Tgt Ion:152 Resp: 59482

Ion Ratio Lower Upper

152 100

150 154.3 123.1 184.7

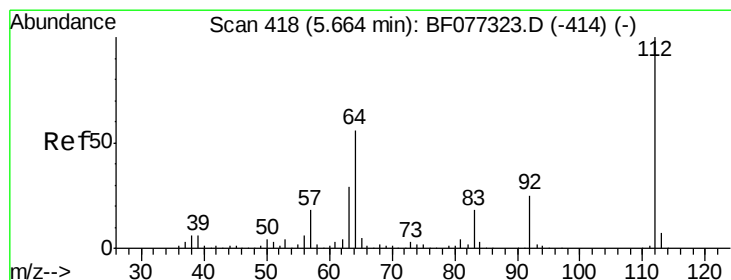
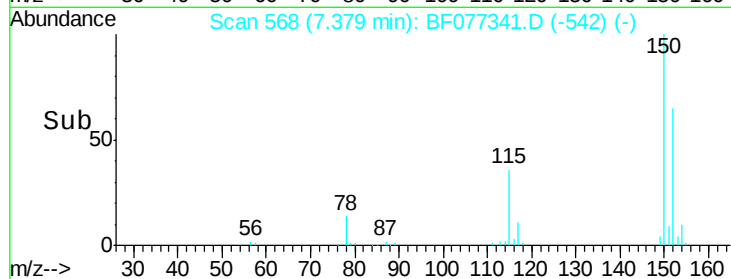
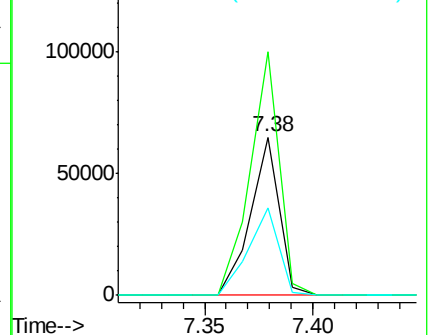
115 55.7 46.2 69.4



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: 61.96 ng

RT: 5.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

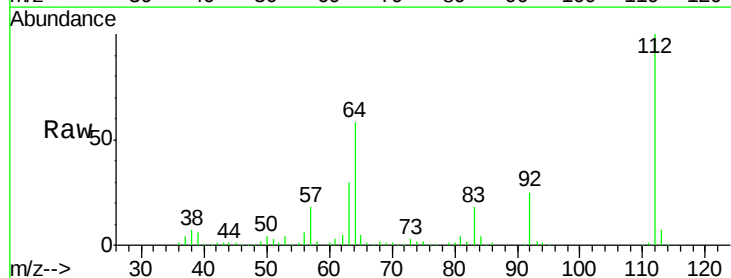
Tgt Ion:112 Resp: 215675

Ion Ratio Lower Upper

112 100

64 57.5 44.7 67.1

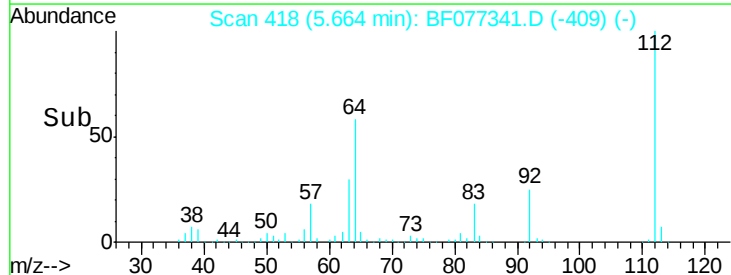
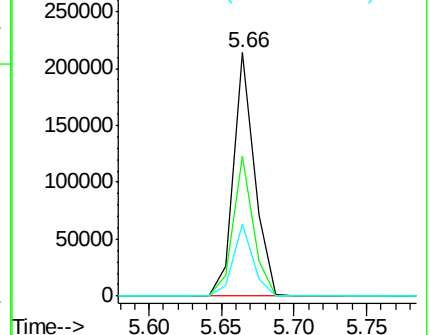
63 29.5 23.3 34.9

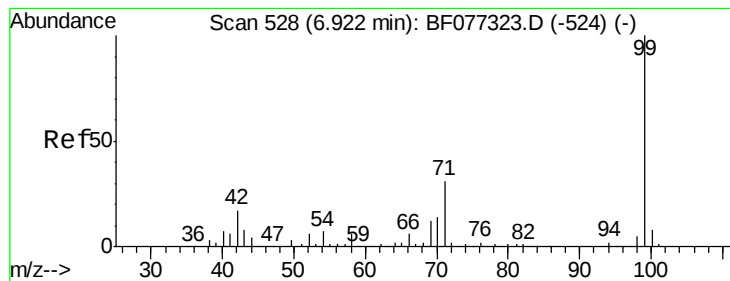


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.56 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

Instrument :

BNA\_F

ClientSampleId :

FYMW-04

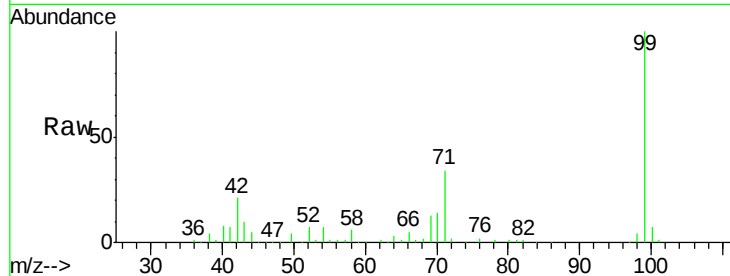
Tgt Ion: 99 Resp: 161672

Ion Ratio Lower Upper

99 100

42 21.0 13.8 20.6#

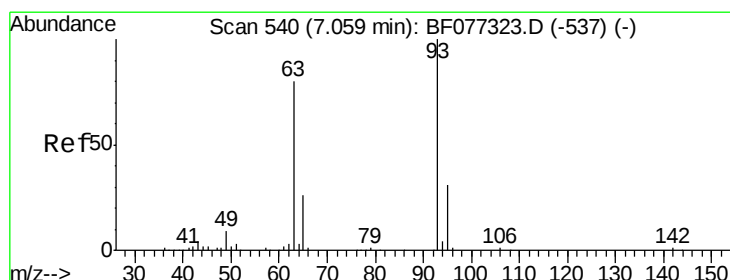
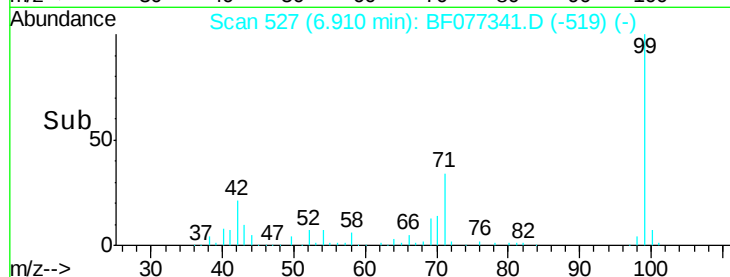
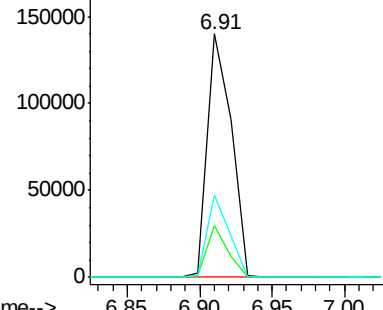
71 33.6 24.6 37.0



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



#10

Phenol

Concen: 4.06 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.02 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

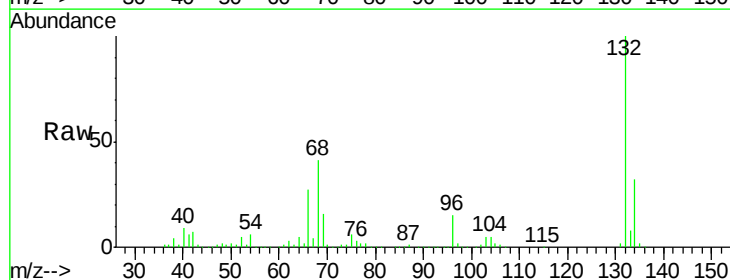
Tgt Ion: 94 Resp: 681

Ion Ratio Lower Upper

94 100

65 911.3 718.6 758.6#

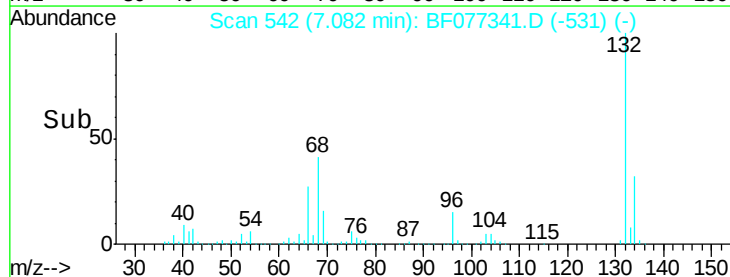
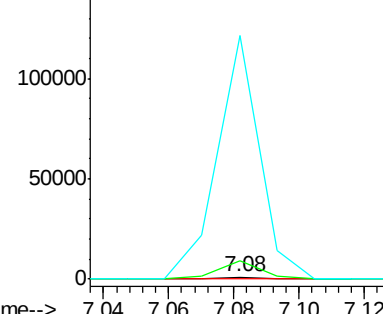
66 12237.7 0.0 37.8#

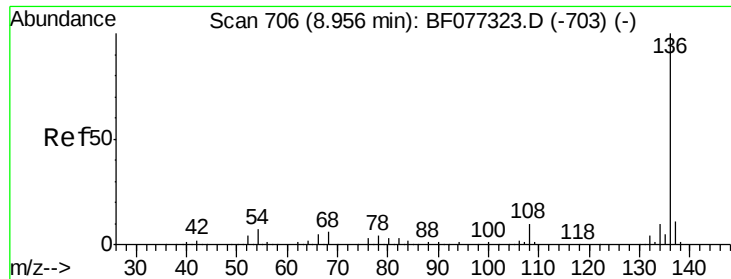


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

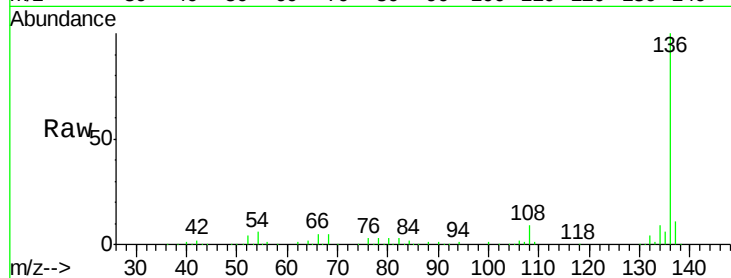




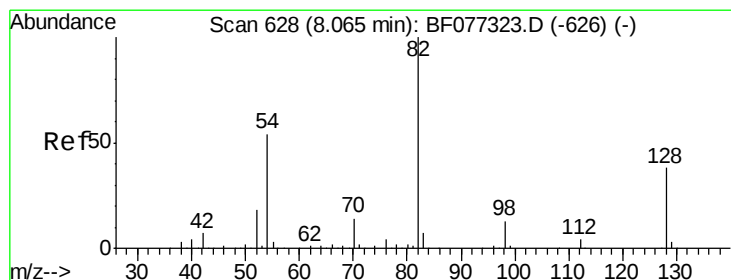
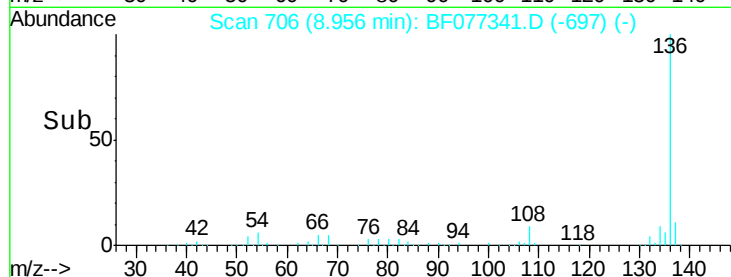
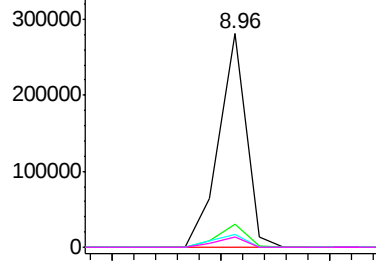
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.96 min Scan# 706  
Delta R.T. -0.00 min  
Lab File: BF077341.D  
Acq: 18 Feb 2015 4:34

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 246216 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.7   | 13.1   |
| 54       | 6.0   | 5.8   | 8.6    |
| 68       | 5.0   | 4.6   | 6.8    |

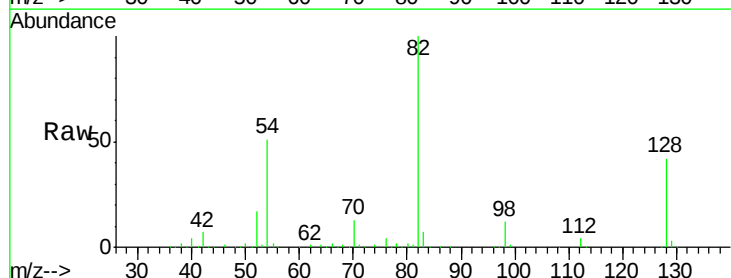


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

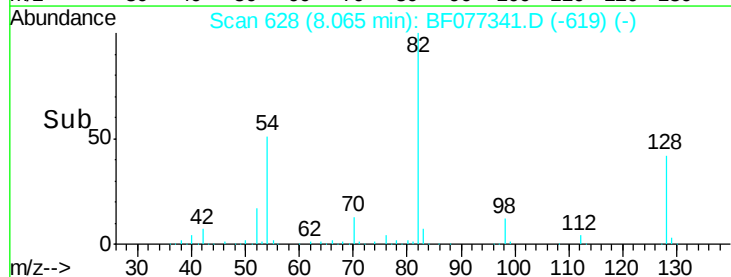
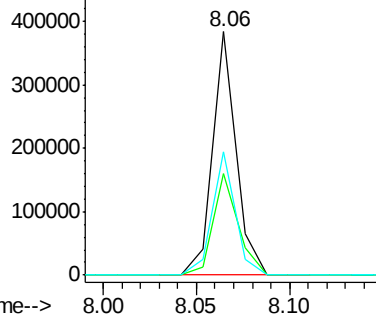


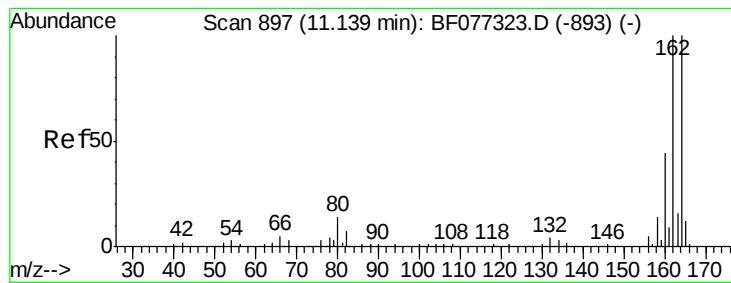
#23  
Nitrobenzene-d5  
Concen: 94.69 ng  
RT: 8.06 min Scan# 628  
Delta R.T. -0.00 min  
Lab File: BF077341.D  
Acq: 18 Feb 2015 4:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 336680 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 41.8  | 30.7  | 46.1   |
| 54       | 50.9  | 43.1  | 64.7   |



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

Instrument :

BNA\_F

ClientSampleId :

FYMW-04

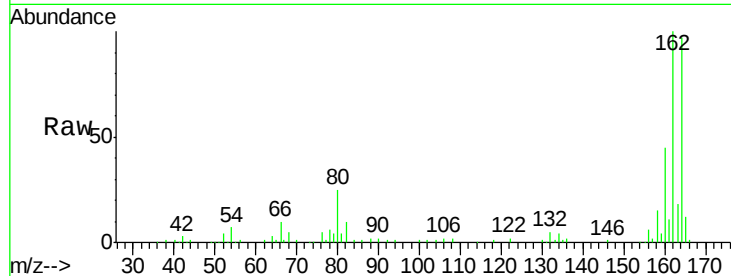
Tgt Ion:164 Resp: 114672

Ion Ratio Lower Upper

164 100

162 103.6 80.4 120.6

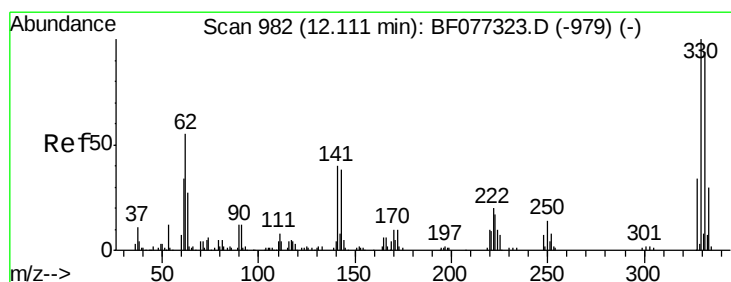
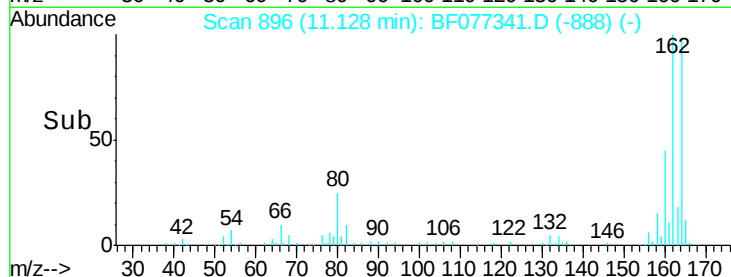
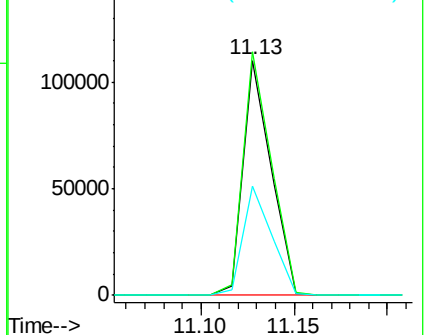
160 46.2 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 147.47 ng

RT: 12.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

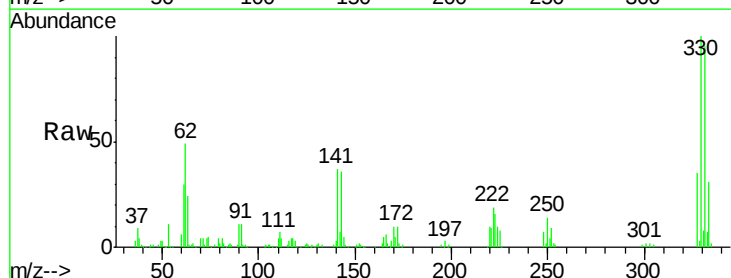
Tgt Ion:330 Resp: 157703

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

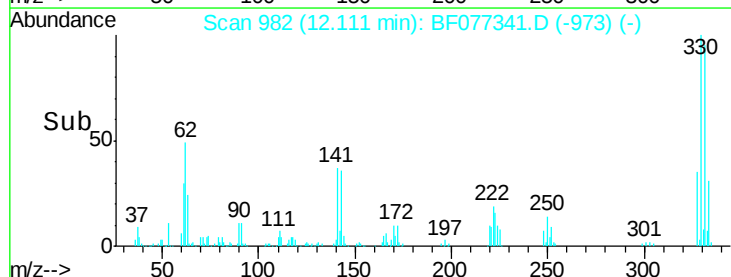
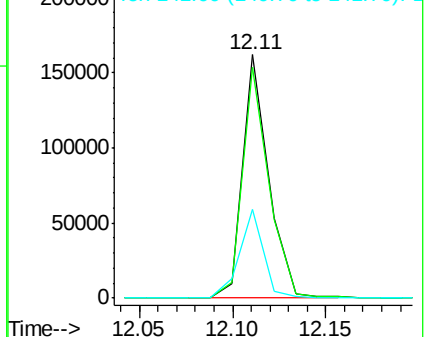
141 34.2 28.5 42.7

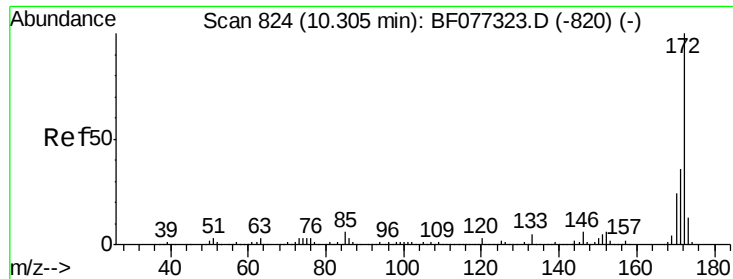


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

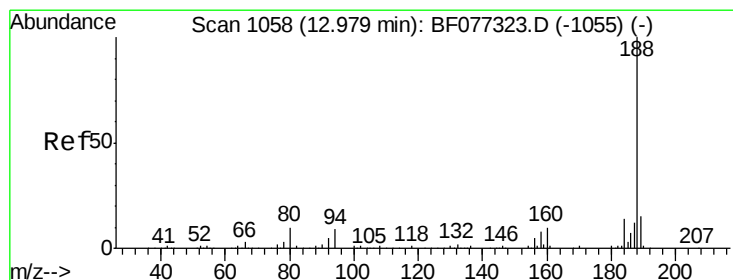
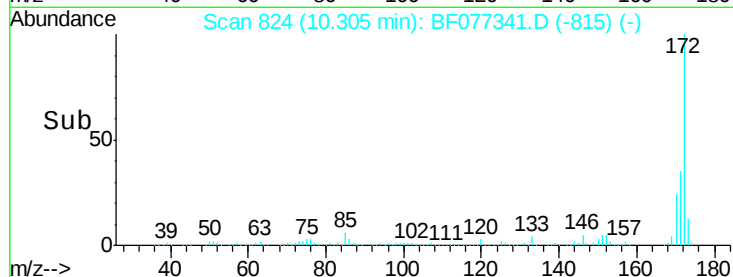
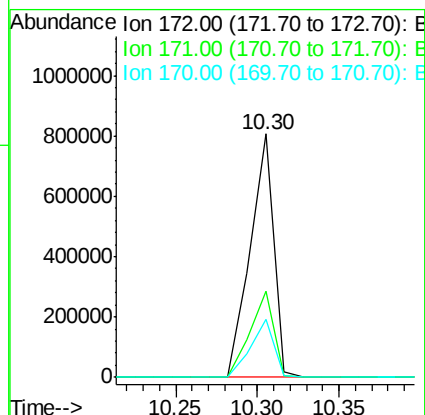
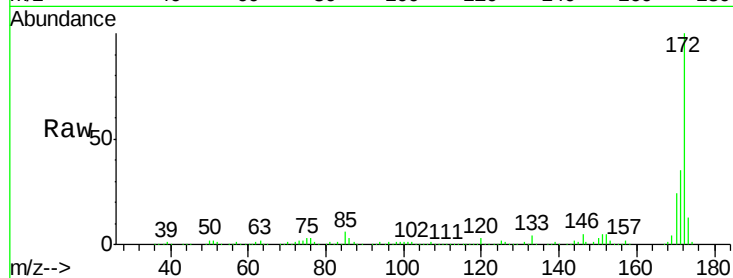




#44  
 2-Fluorobiphenyl  
 Concen: 105.74 ng  
 RT: 10.30 min Scan# 824  
 Delta R.T. -0.00 min  
 Lab File: BF077341.D  
 Acq: 18 Feb 2015 4:34

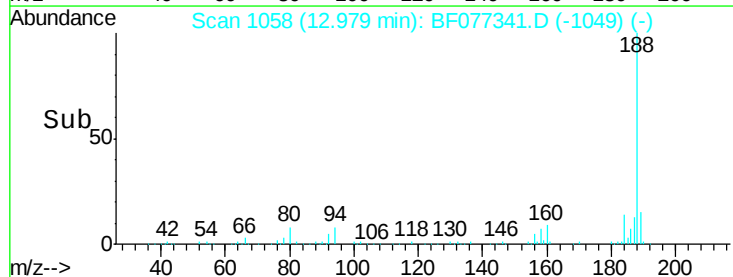
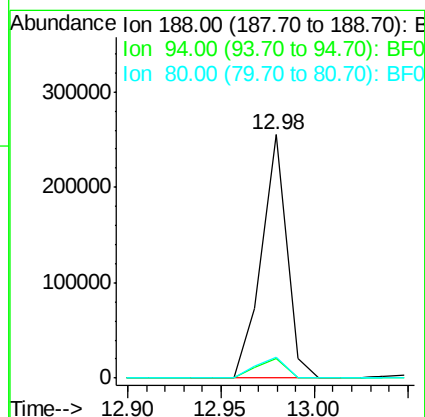
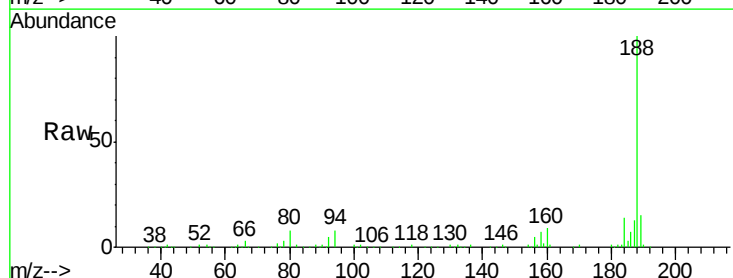
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FYMW-04

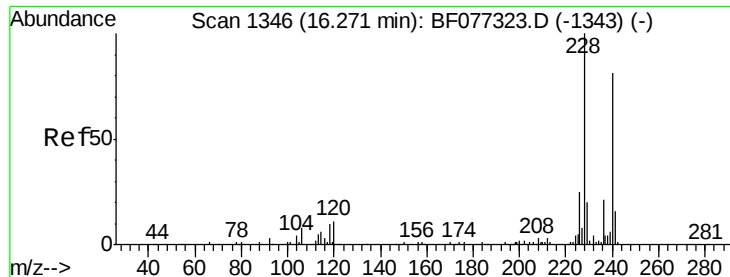
Tgt Ion:172 Resp: 804354  
 Ion Ratio Lower Upper  
 172 100  
 171 35.1 28.9 43.3  
 170 23.8 19.4 29.2



#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 12.98 min Scan# 1058  
 Delta R.T. -0.00 min  
 Lab File: BF077341.D  
 Acq: 18 Feb 2015 4:34

Tgt Ion:188 Resp: 239866  
 Ion Ratio Lower Upper  
 188 100  
 94 8.1 7.2 10.8  
 80 8.4 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.28 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

Instrument :

BNA\_F

ClientSampled :

FYMW-04

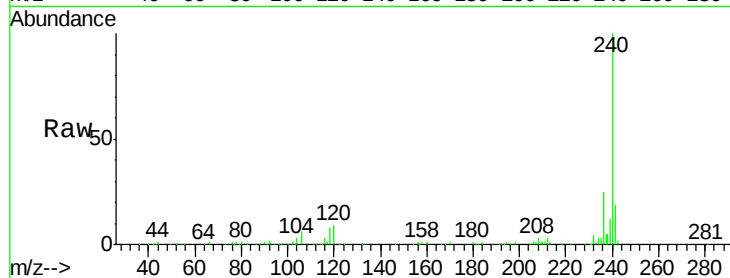
Tgt Ion:240 Resp: 230043

Ion Ratio Lower Upper

240 100

120 8.6 11.3 16.9#

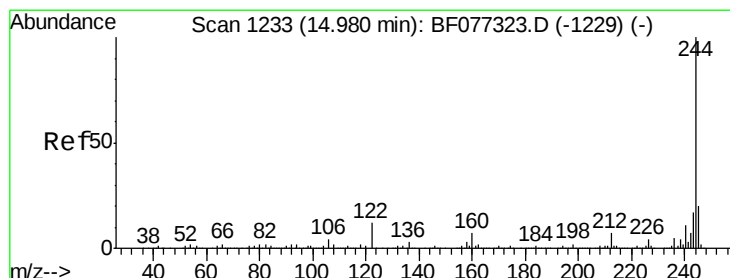
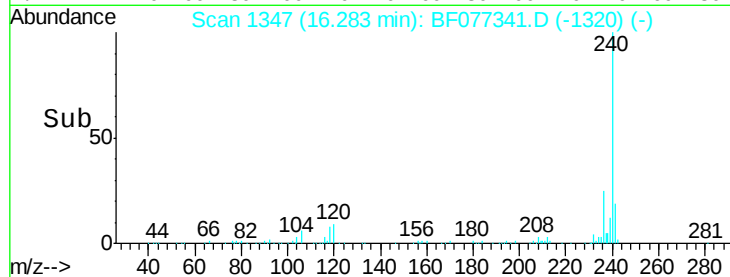
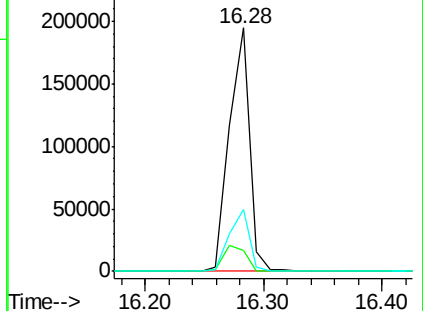
236 25.3 20.3 30.5



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: 94.98 ng

RT: 14.98 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF077341.D

Acq: 18 Feb 2015 4:34

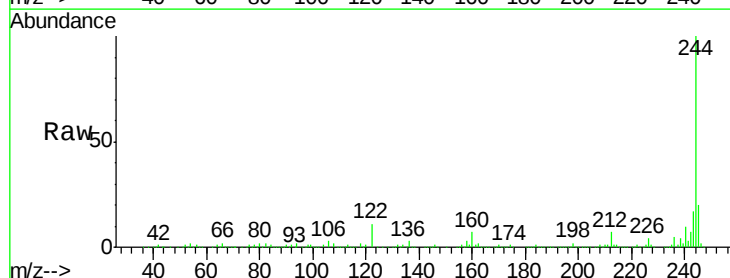
Tgt Ion:244 Resp: 961006

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

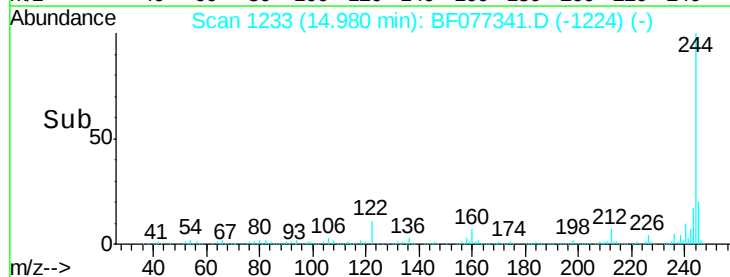
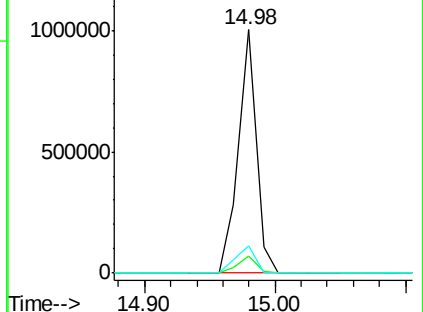
122 11.2 9.3 13.9

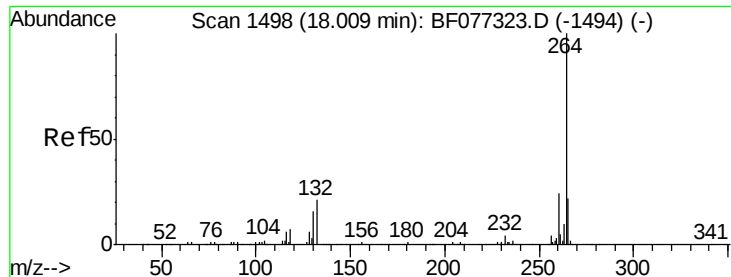


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 18.05 min Scan# 1502  
Delta R.T. 0.05 min  
Lab File: BF077341.D  
Acq: 18 Feb 2015 4:34

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 18.9  | 28.3  |
| 265     | 21.1  | 17.7  | 26.5  |

