

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\  
 Data File : BF090612.D  
 Acq On : 17 Oct 2016 17:22  
 Operator : UM/SJ  
 Sample : H5263-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-001-D

Quant Time: Oct 17 18:36:45 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 17 15:58:48 2016  
 Response via : Initial Calibration

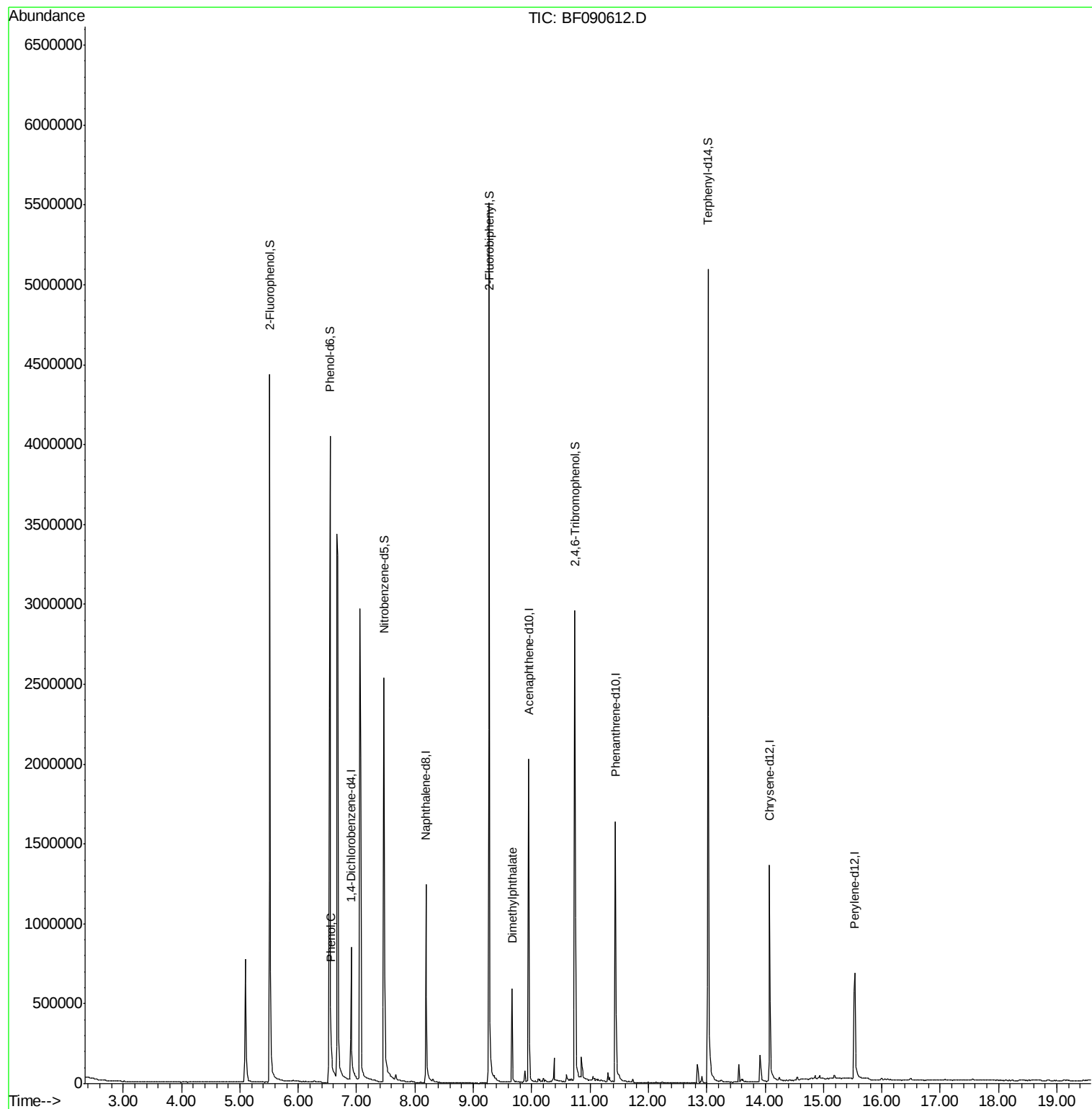
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.91  | 152  | 173597   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.19  | 136  | 745579   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.95  | 164  | 421177   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.43 | 188  | 668556   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 14.08 | 240  | 552372   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.54 | 264  | 377312   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.51  | 112  | 1322445  | 139.66 | ng    | 0.01     |
| 7) Phenol-d6                | 6.54  | 99   | 1966068  | 139.73 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.47  | 82   | 1144746  | 85.29  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.74 | 330  | 417831   | 111.27 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.27  | 172  | 2017689  | 78.93  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.02 | 244  | 2000053  | 84.31  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.55  | 94   | 36775    | 2.29   | ng    | 89       |
| 49) Dimethylphthalate       | 9.66  | 163  | 243738   | 8.92   | ng    | 98       |

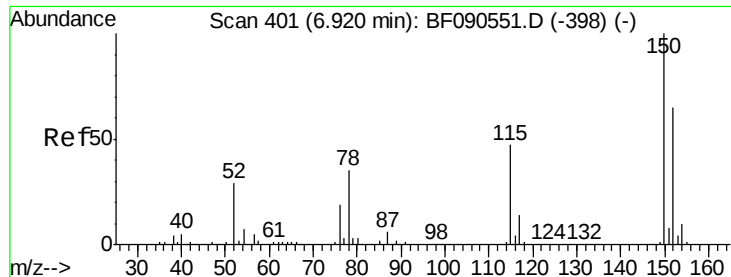
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-001-D

Quant Time: Oct 17 18:36:45 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 17 15:58:48 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-001-D

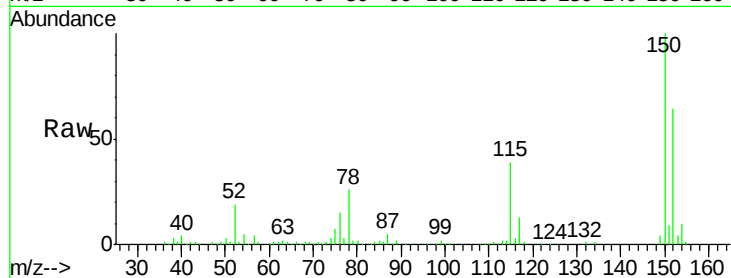
Tot Ion:152 Resp: 173597

Ion Ratio Lower Upper

152 100

150 155.1 127.2 190.8

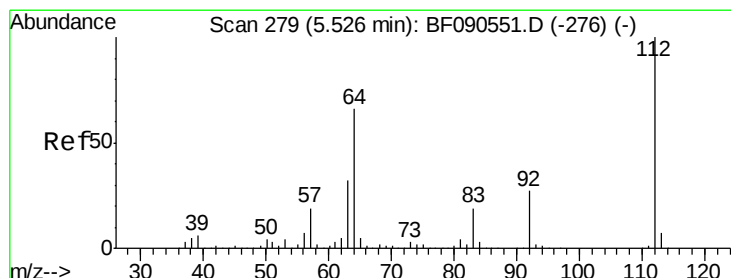
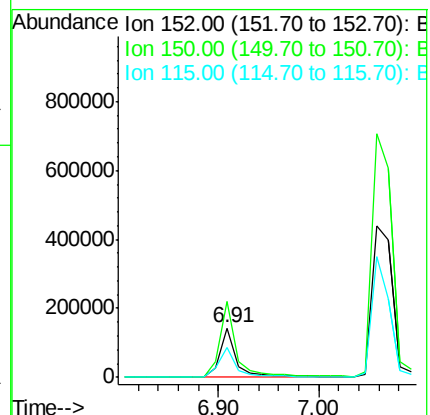
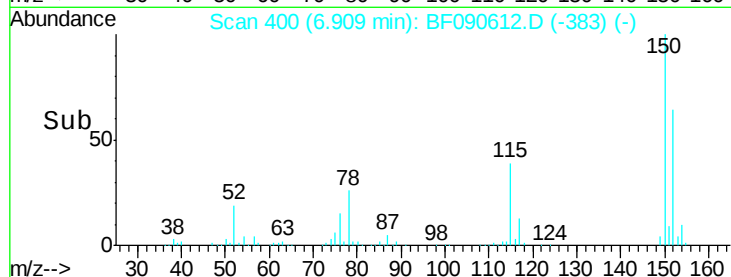
115 60.7 58.6 88.0



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: 139.66 ng

RT: 5.51 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

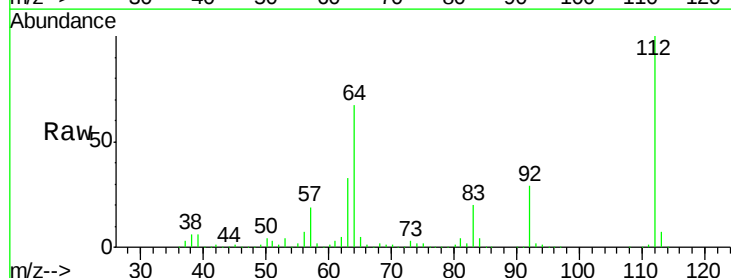
Tgt Ion:112 Resp: 1322445

Ion Ratio Lower Upper

112 100

64 67.0 52.6 78.8

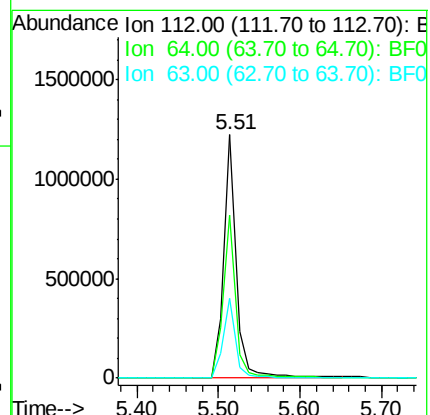
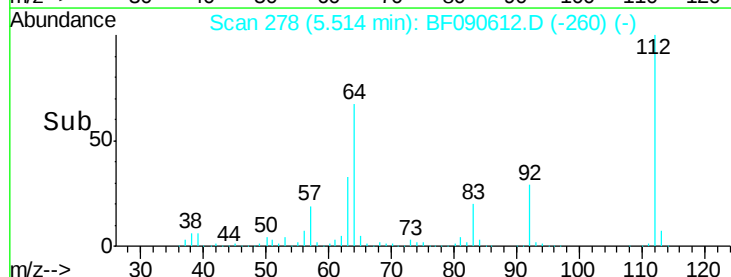
63 32.7 26.0 39.0

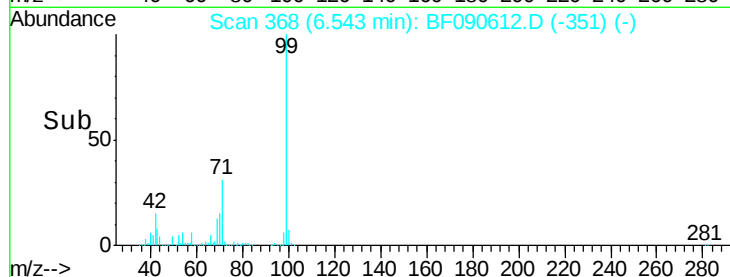
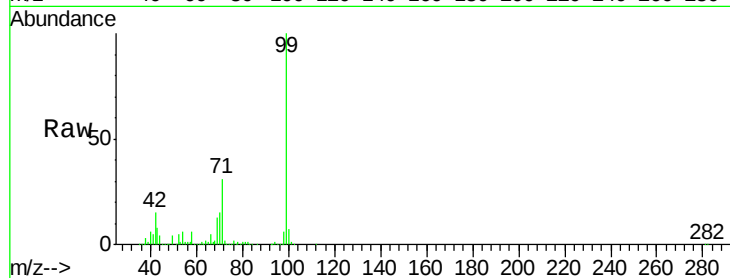
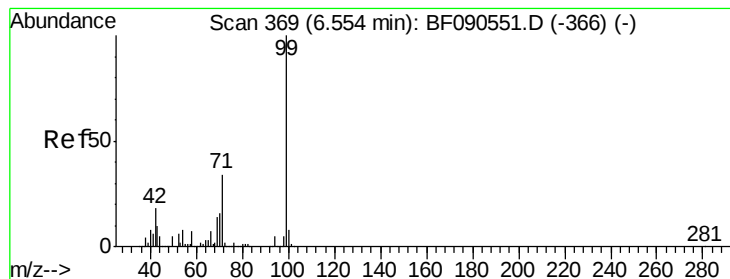


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.73 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-001-D

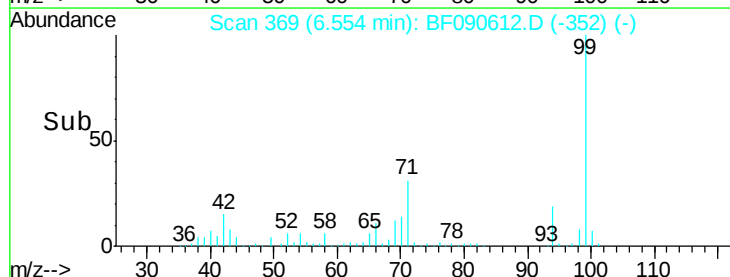
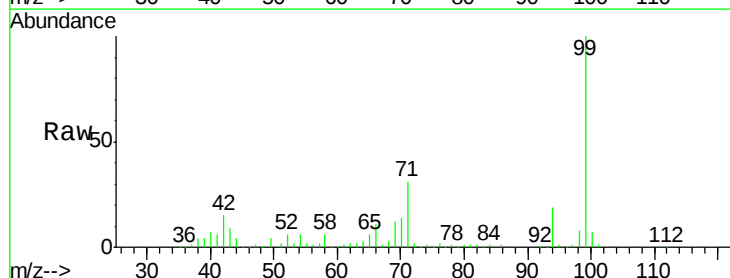
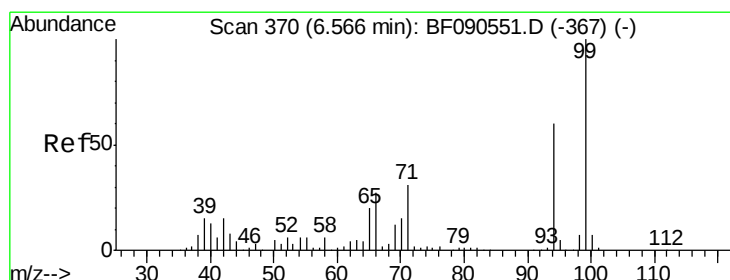
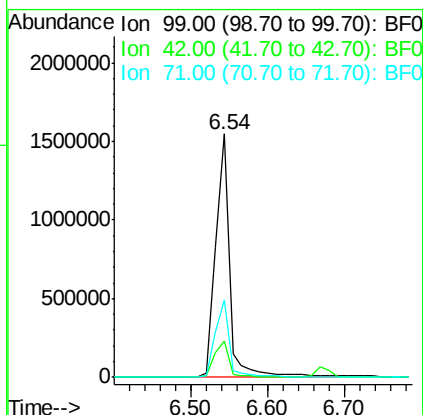
Tot Ion: 99 Resp: 1966068

Ion Ratio Lower Upper

99 100

42 14.7 14.7 22.1#

71 31.5 27.6 41.4



#10

Phenol

Concen: 2.29 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

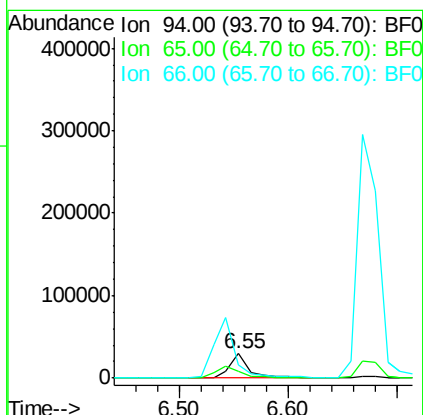
Tgt Ion: 94 Resp: 36775

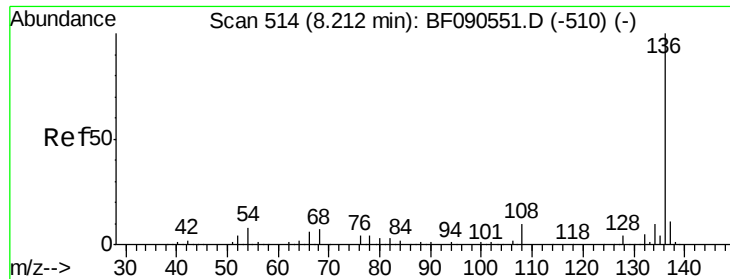
Ion Ratio Lower Upper

94 100

65 30.0 12.5 52.5

66 56.2 25.5 65.5

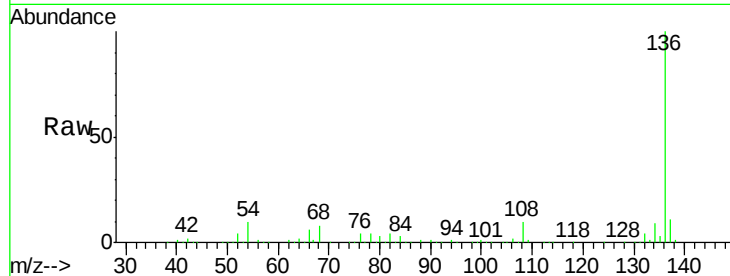




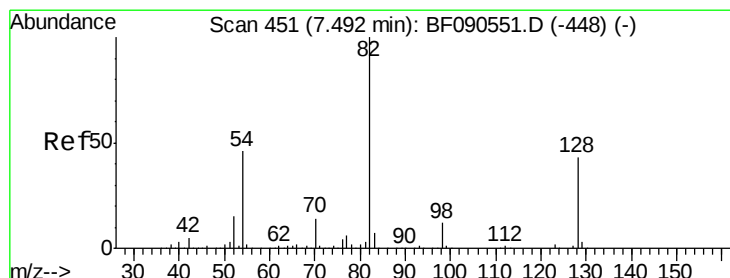
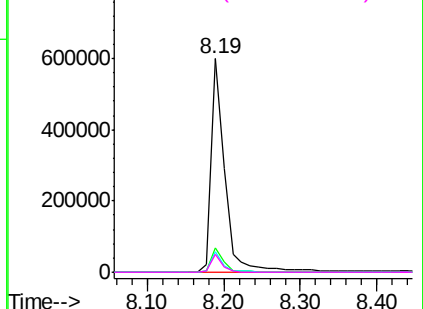
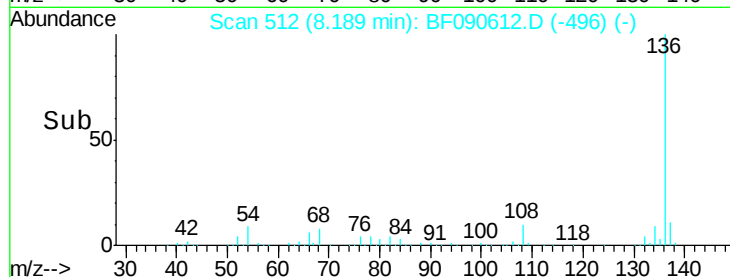
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.19 min Scan# 512  
Delta R.T. -0.01 min  
Lab File: BF090612.D  
Acq: 17 Oct 2016 17:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-001-D

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 745579 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.3    | 8.8   | 13.2   |  |
| 54 9.5      | 6.8   | 10.2   |  |
| 68 8.3      | 6.0   | 9.0    |  |

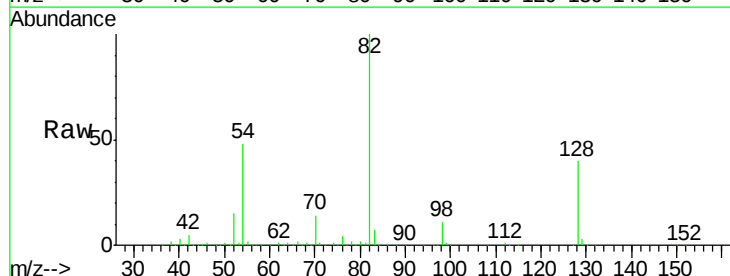


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

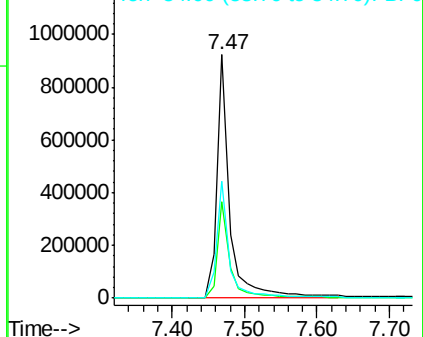
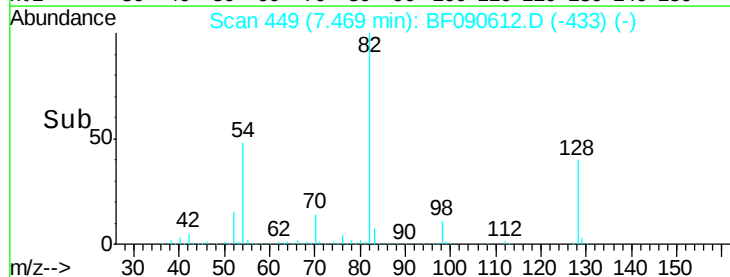


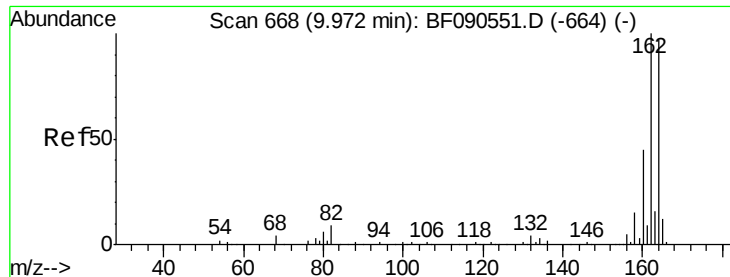
#23  
Nitrobenzene-d5  
Concen: 85.29 ng  
RT: 7.47 min Scan# 449  
Delta R.T. -0.01 min  
Lab File: BF090612.D  
Acq: 17 Oct 2016 17:22

|             |               |
|-------------|---------------|
| Tgt Ion: 82 | Resp: 1144746 |
| Ion Ratio   | Lower Upper   |
| 82 100      |               |
| 128 39.7    | 34.3 51.5     |
| 54 48.0     | 37.0 55.6     |



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: 9.95 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-001-D

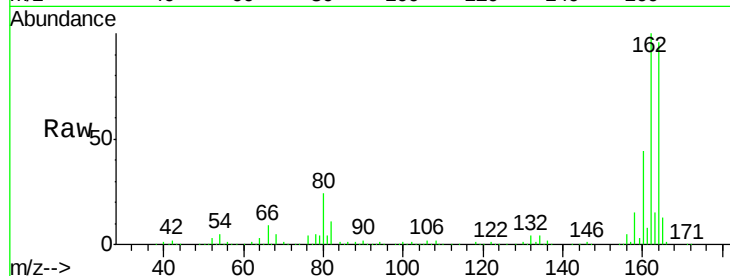
Tot Ion:164 Resp: 421177

Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.4

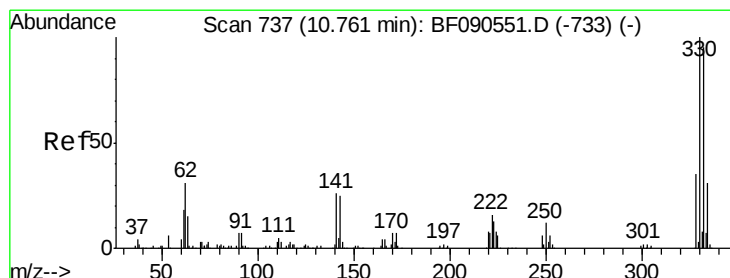
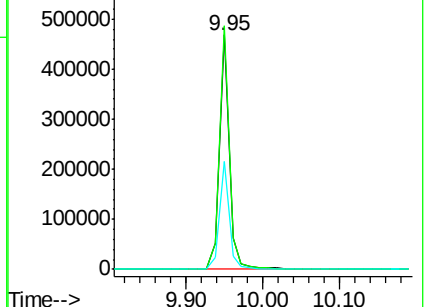
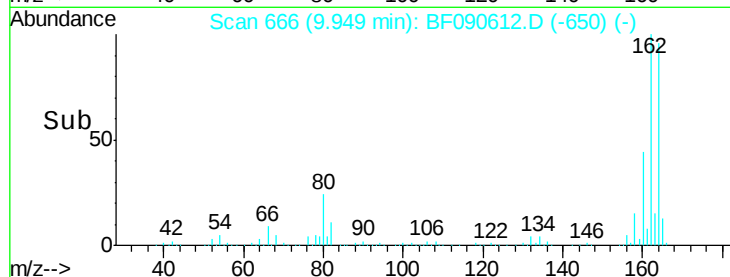
160 46.1 36.6 55.0



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: 111.27 ng

RT: 10.74 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF090612.D

Acq: 17 Oct 2016 17:22

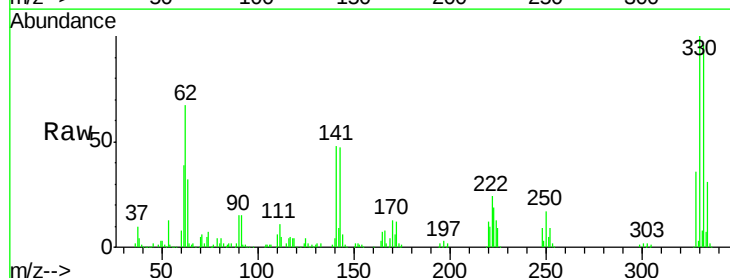
Tgt Ion:330 Resp: 417831

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.2

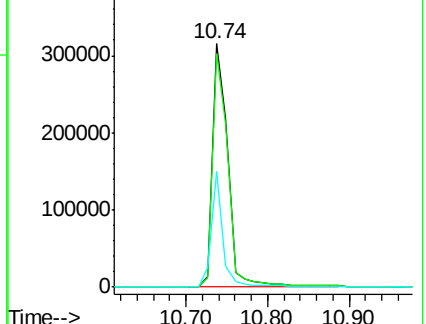
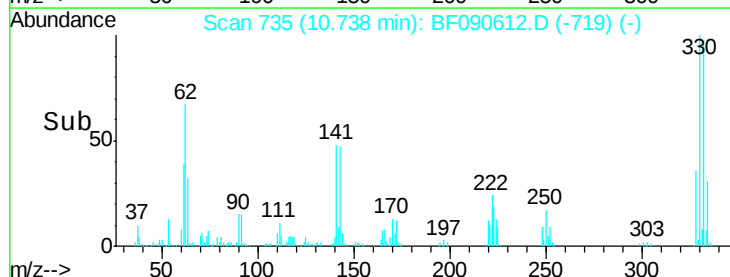
141 37.3 31.4 47.2

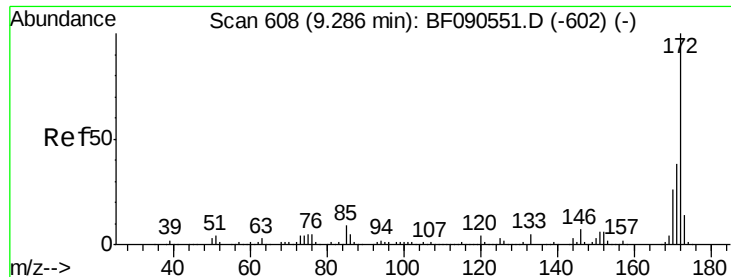


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



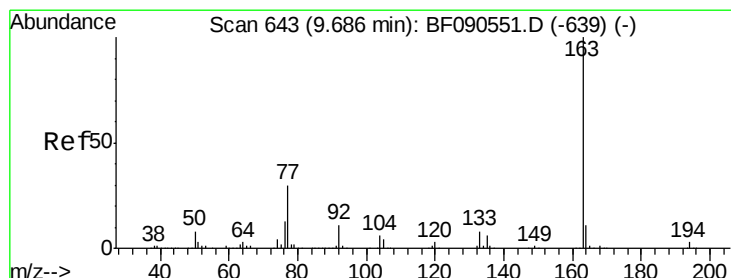
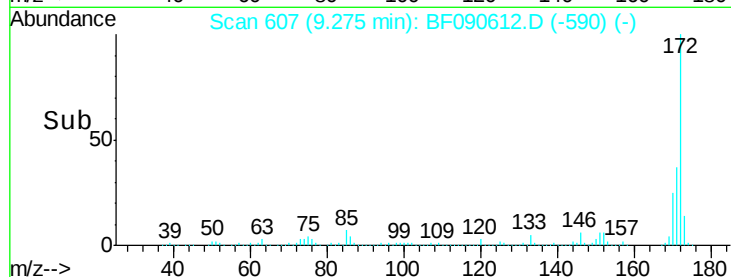
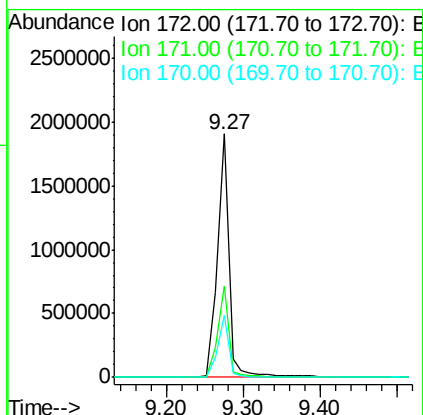
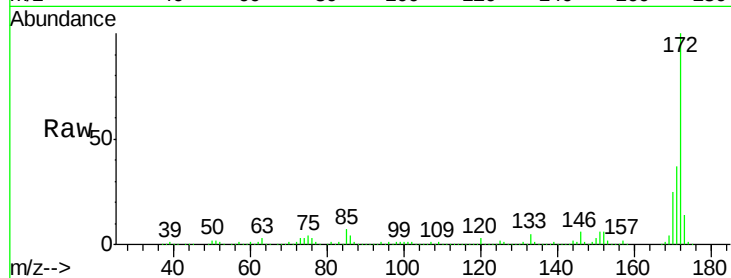


#44  
 2-Fluorobiphenyl  
 Concen: 78.93 ng  
 RT: 9.27 min Scan# 607  
 Delta R.T. -0.00 min  
 Lab File: BF090612.D  
 Acq: 17 Oct 2016 17:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-001-D

Tot Ion:172 Resp: 2017689  

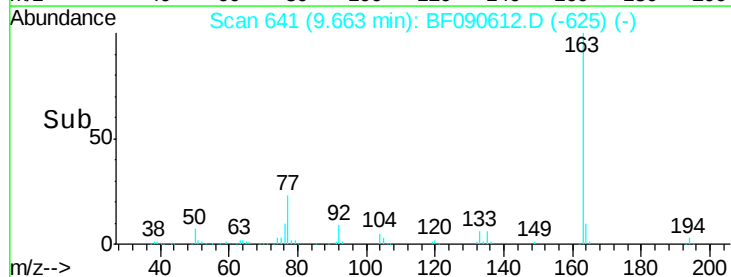
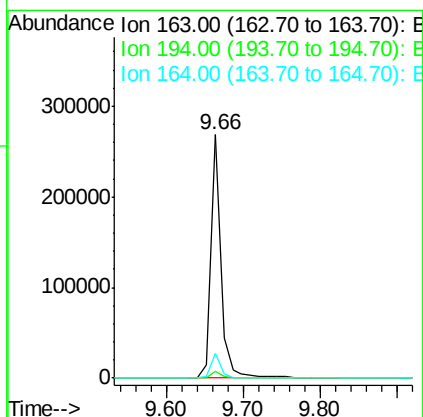
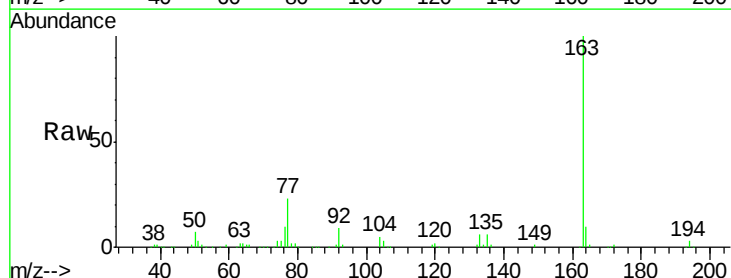
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.3  | 30.1  | 45.1  |
| 170 | 25.4  | 20.6  | 30.8  |

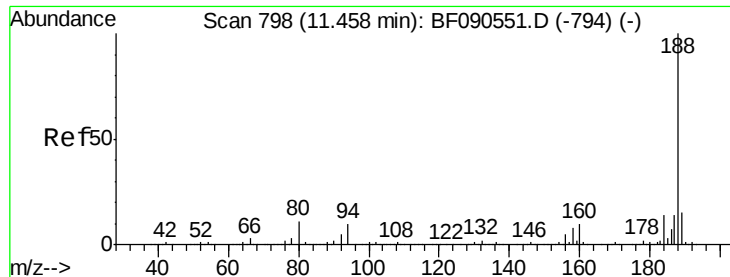


#49  
 Dimethylphthalate  
 Concen: 8.92 ng  
 RT: 9.66 min Scan# 641  
 Delta R.T. -0.01 min  
 Lab File: BF090612.D  
 Acq: 17 Oct 2016 17:22

Tgt Ion:163 Resp: 243738  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 2.8   | 2.3   | 3.5   |
| 164 | 10.0  | 8.6   | 13.0  |

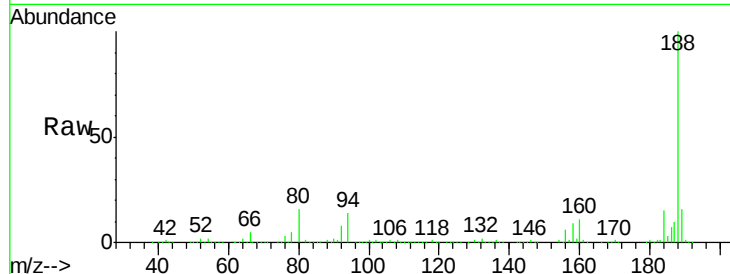




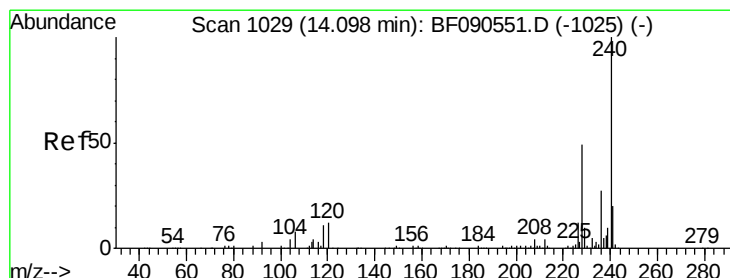
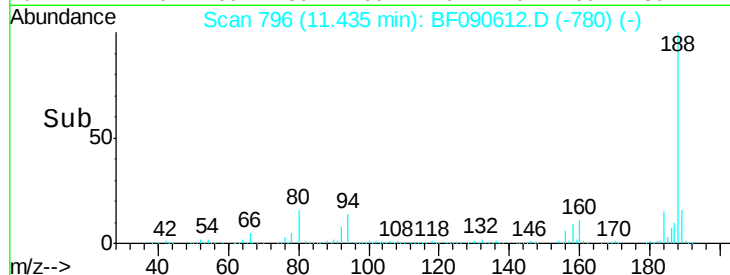
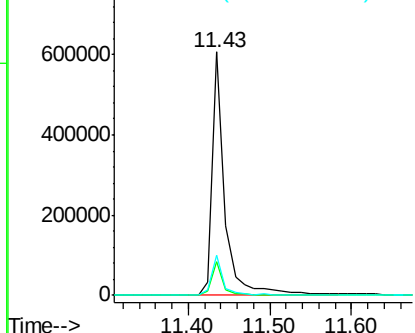
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.43 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BF090612.D  
Acq: 17 Oct 2016 17:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-001-D

Tot Ion:188 Resp: 668556  
Ion Ratio Lower Upper  
188 100  
94 13.8 7.7 11.5#  
80 16.4 8.6 12.8#

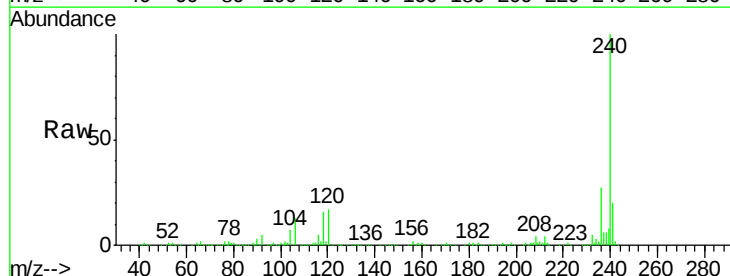


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

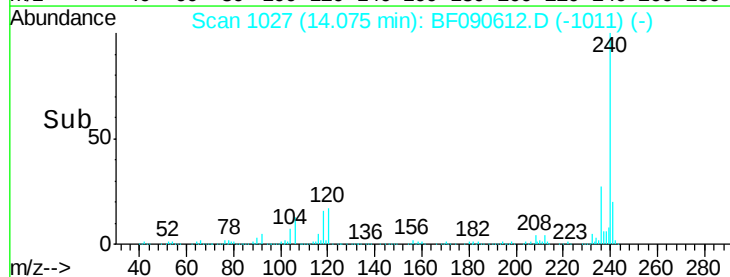
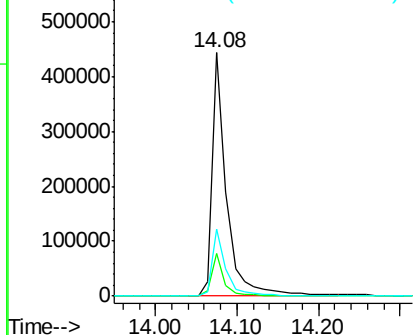


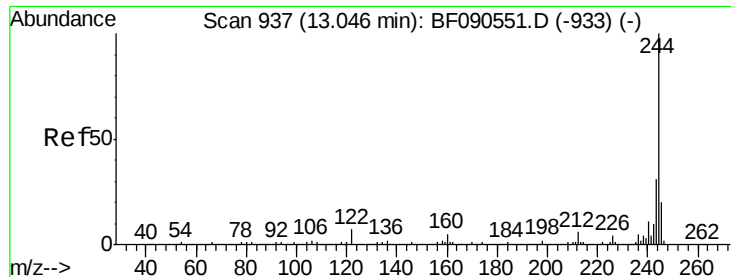
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.08 min Scan# 1027  
Delta R.T. -0.01 min  
Lab File: BF090612.D  
Acq: 17 Oct 2016 17:22

Tgt Ion:240 Resp: 552372  
Ion Ratio Lower Upper  
240 100  
120 17.5 9.8 14.8#  
236 27.3 21.7 32.5



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

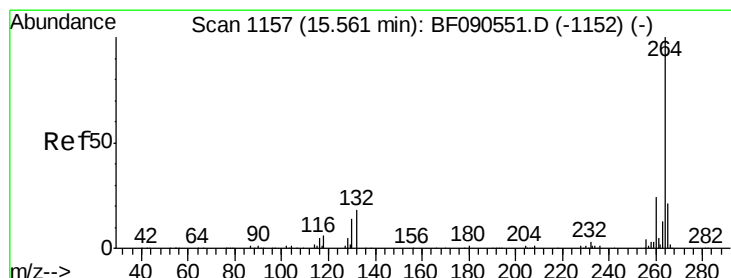
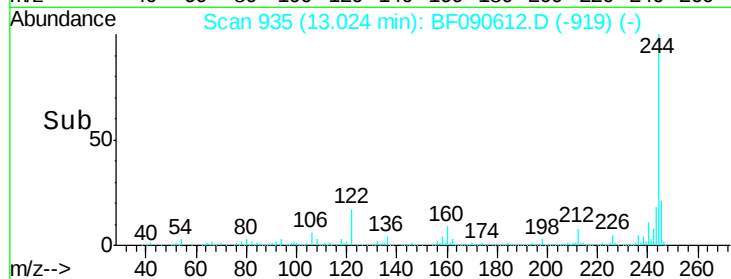
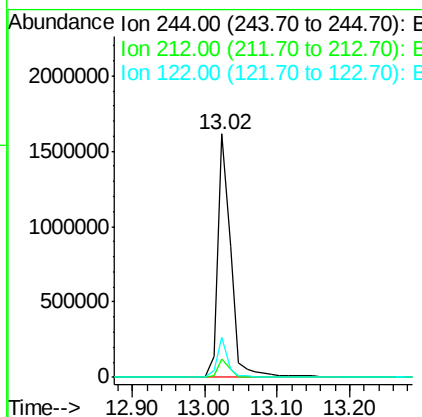
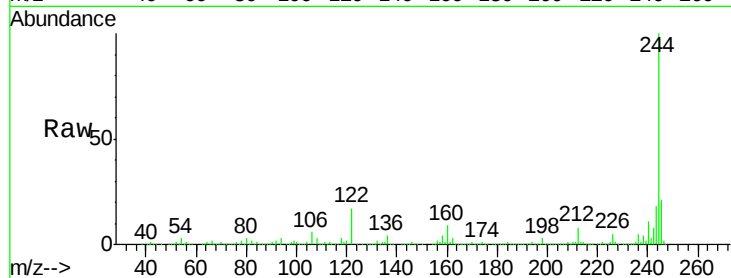




#78  
 Terphenyl-d14  
 Concen: 84.31 ng  
 RT: 13.02 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: BF090612.D  
 Acq: 17 Oct 2016 17:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-001-D

Tot Ion:244 Resp: 2000053  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 5.0 7.4#  
 122 16.6 5.6 8.4#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.54 min Scan# 1155  
 Delta R.T. -0.00 min  
 Lab File: BF090612.D  
 Acq: 17 Oct 2016 17:22

Tgt Ion:264 Resp: 377312  
 Ion Ratio Lower Upper  
 264 100  
 260 25.1 19.3 28.9  
 265 21.7 16.7 25.1

