

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\  
 Data File : BF100392.D  
 Acq On : 10 Nov 2017 15:47  
 Operator : SJ/JU  
 Sample : I6383-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-SOUTH-PARKING-LOT

Quant Time: Nov 10 16:22:13 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 10 15:44:40 2017  
 Response via : Initial Calibration

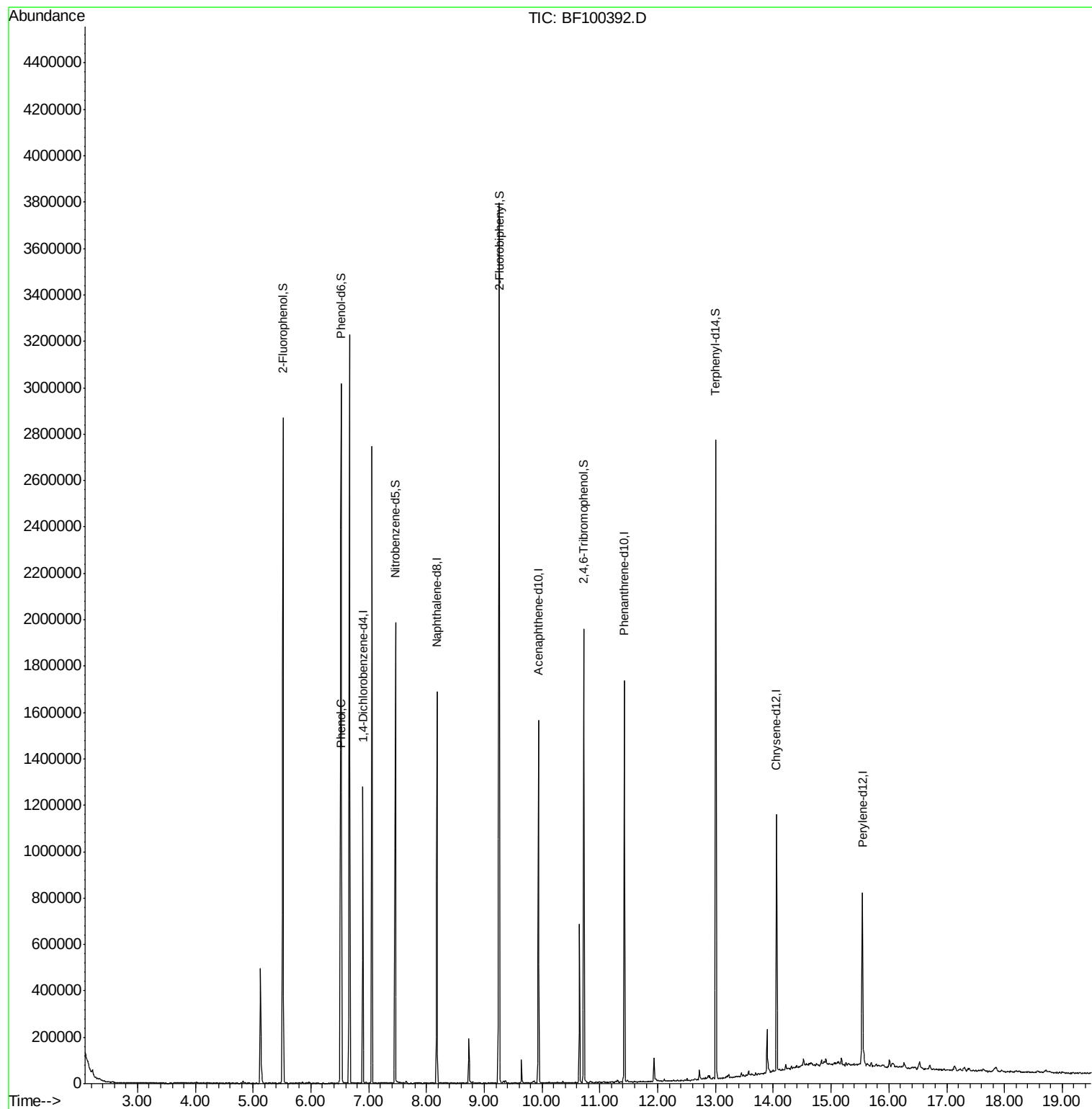
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.90  | 152  | 171368   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.18  | 136  | 698411   | 20.00 | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.94  | 164  | 320373   | 20.00 | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.42 | 188  | 589202   | 20.00 | ng    | 0.00      |
| 75) Chrysene-d12            | 14.06 | 240  | 384330   | 20.00 | ng    | -0.01     |
| 86) Perylene-d12            | 15.54 | 264  | 367299   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.52  | 112  | 873456   | 81.70 | ng    | 0.00      |
| 7) Phenol-d6                | 6.52  | 99   | 1079685  | 81.90 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.46  | 82   | 675719   | 63.97 | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 10.73 | 330  | 239108   | 73.24 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.26  | 172  | 1185908  | 56.37 | ng    | 0.00      |
| 78) Terphenyl-d14           | 13.01 | 244  | 995325   | 59.51 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 10) Phenol                  | 6.53  | 94   | 36026    | 2.603 | ng    | Qvalue 92 |

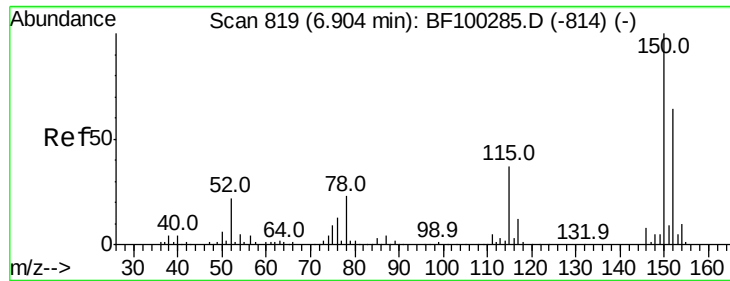
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\  
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BNA\_F  
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SB1-SOUTH-PARKING-LOT

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Response via : Initial Calibration



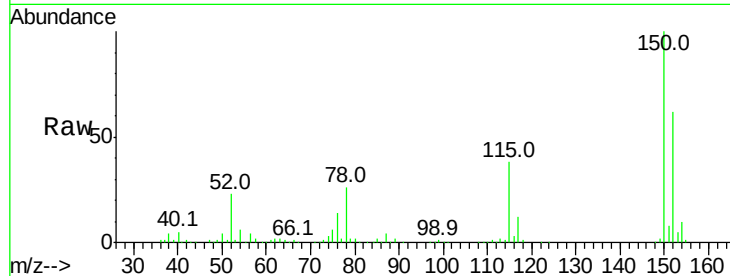


#1

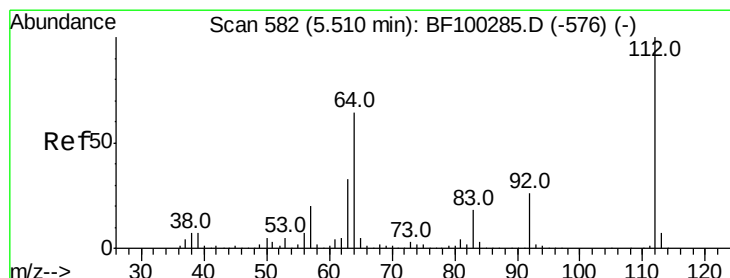
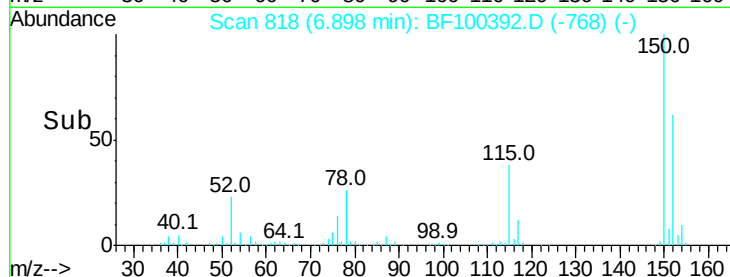
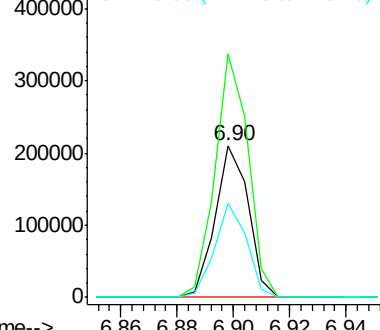
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BF100392.D  
Acq: 10 Nov 2017 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-SOUTH-PARKING-LOT

Tot Ion:152 Resp: 171368  
Ion Ratio Lower Upper  
152 100  
150 160.6 124.6 186.8  
115 61.8 50.1 75.1



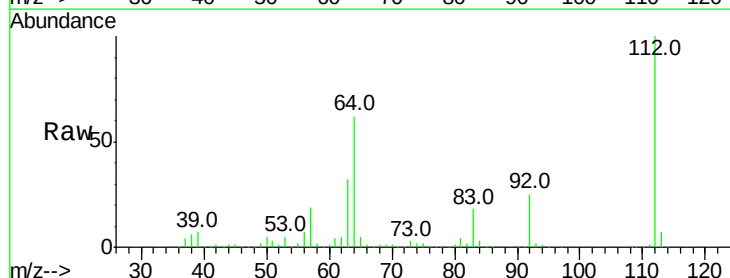
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



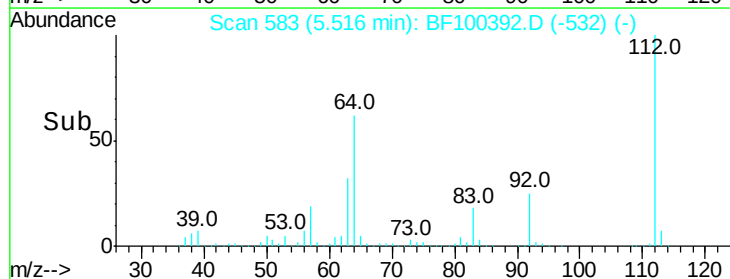
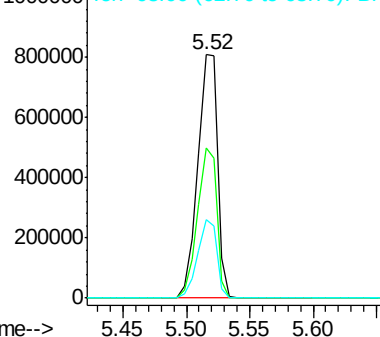
#5

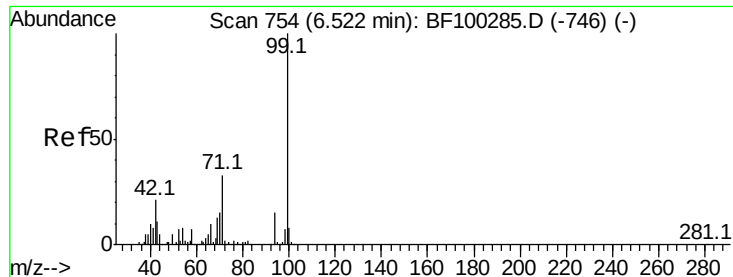
2-Fluorophenol  
Concen: 81.704 ng  
RT: 5.52 min Scan# 583  
Delta R.T. -0.00 min  
Lab File: BF100392.D  
Acq: 10 Nov 2017 15:47

Tgt Ion:112 Resp: 873456  
Ion Ratio Lower Upper  
112 100  
64 61.9 47.9 71.9  
63 32.2 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: 81.901 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

Instrument :

BNA\_F

ClientSampleId :

SB1-SOUTH-PARKING-LOT

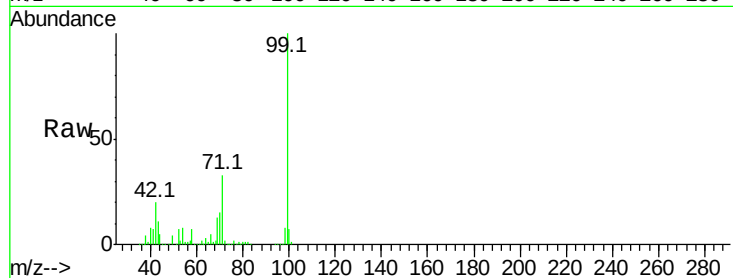
Tot Ion: 99 Resp: 1079685

Ion Ratio Lower Upper

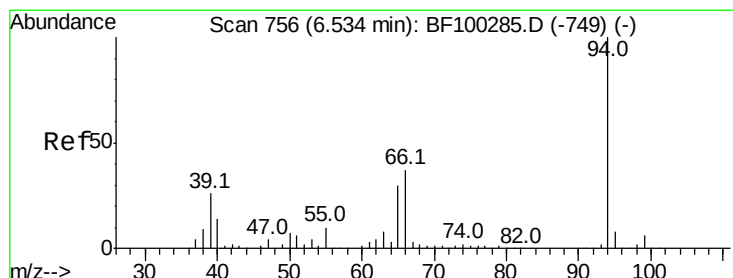
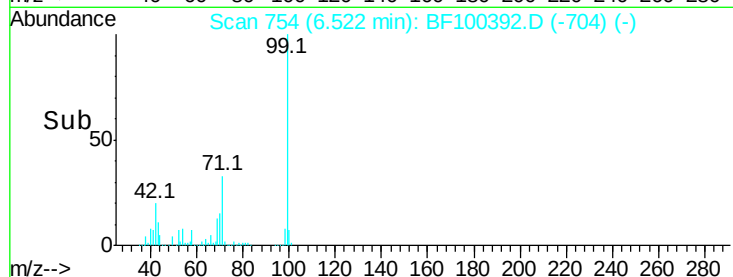
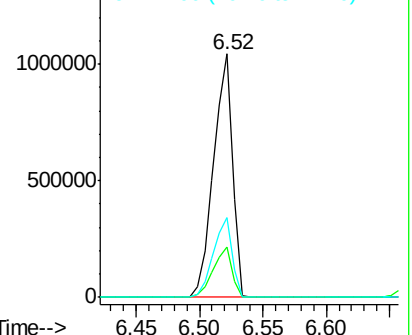
99 100

42 20.4 14.5 21.7

71 33.0 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



#10

Phenol

Concen: 2.603 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

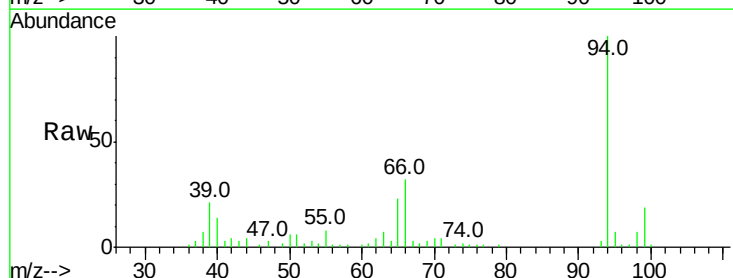
Tgt Ion: 94 Resp: 36026

Ion Ratio Lower Upper

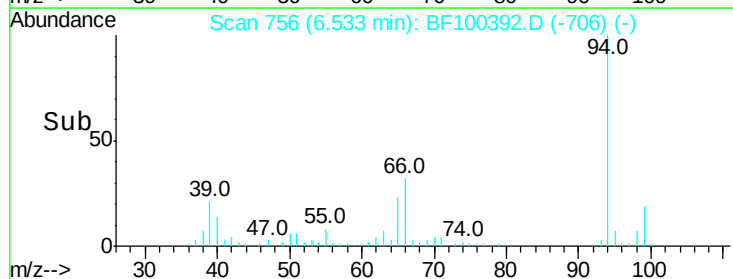
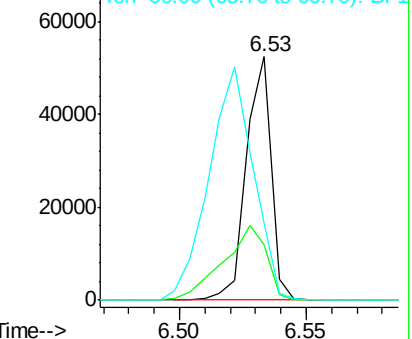
94 100

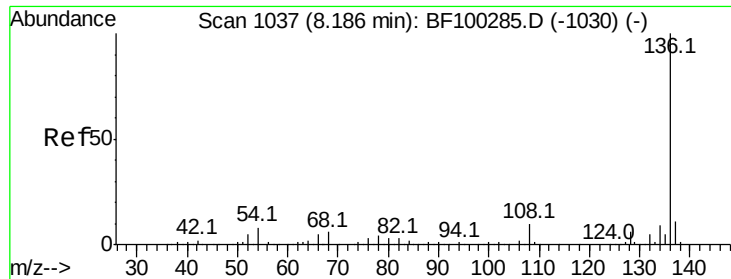
65 23.0 7.9 47.9

66 32.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1

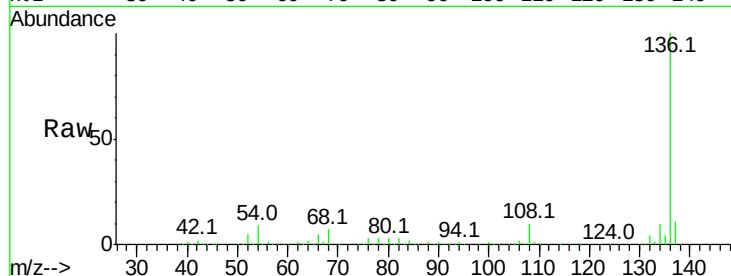




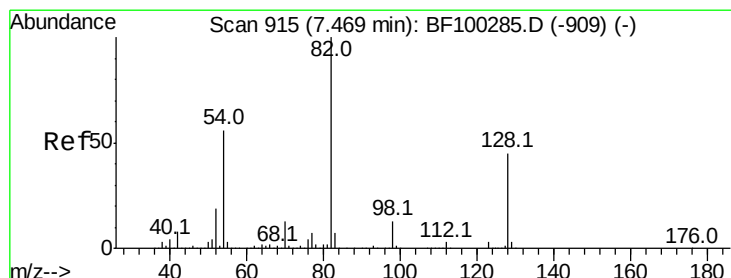
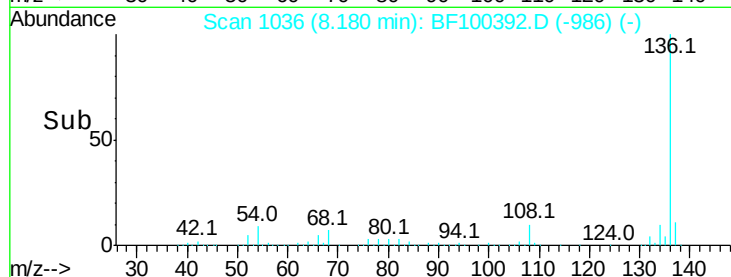
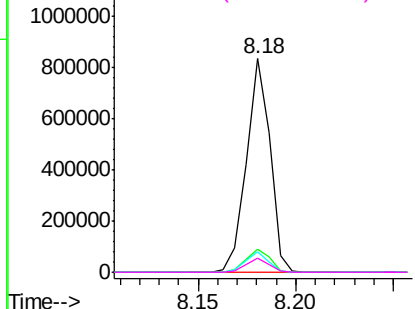
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BF100392.D  
Acq: 10 Nov 2017 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-SOUTH-PARKING-LOT

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 698411   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 8.9 13.3 |
| 54          | 9.4   | 6.6 9.8  |
| 68          | 6.8   | 5.0 7.4  |

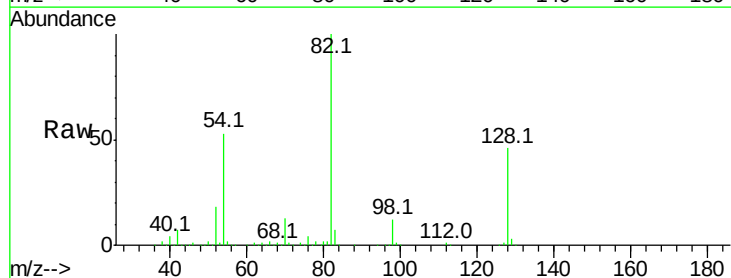


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

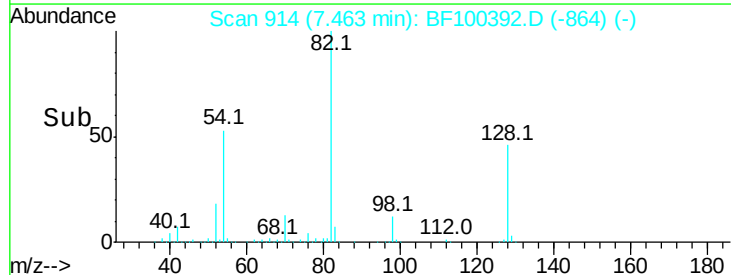
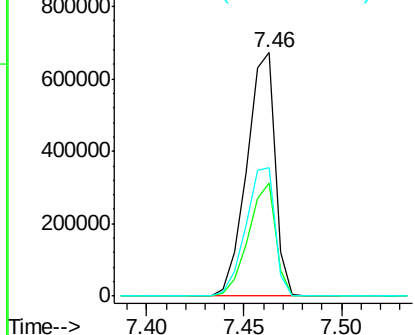


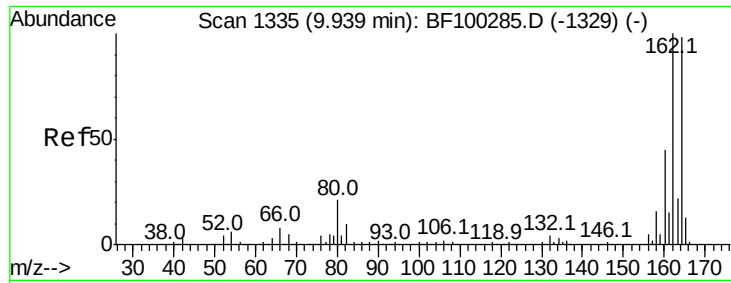
#23  
Nitrobenzene-d5  
Concen: 63.965 ng  
RT: 7.46 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: BF100392.D  
Acq: 10 Nov 2017 15:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 675719    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 46.2  | 36.1 54.1 |
| 54          | 52.9  | 41.4 62.2 |



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1

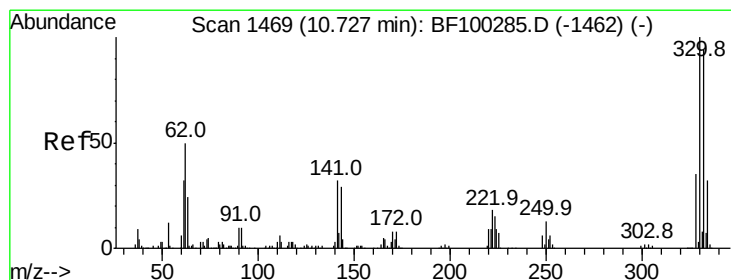
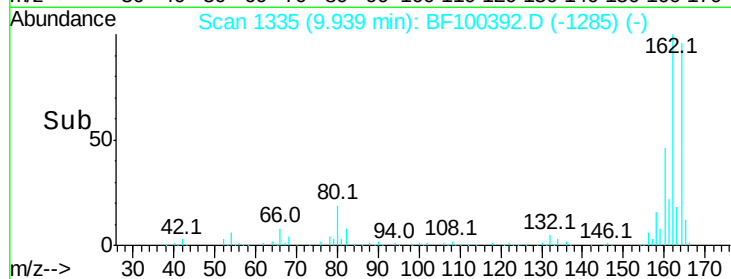
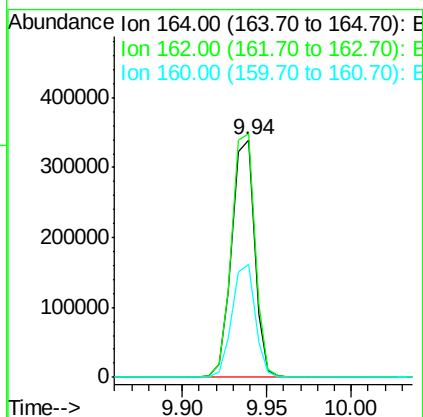
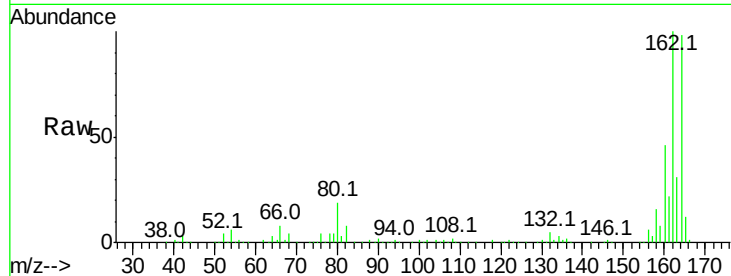




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. -0.01 min  
 Lab File: BF100392.D  
 Acq: 10 Nov 2017 15:47

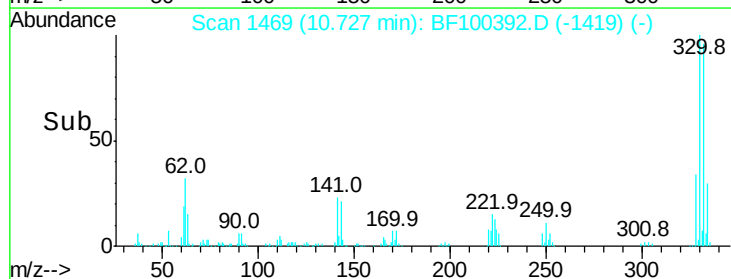
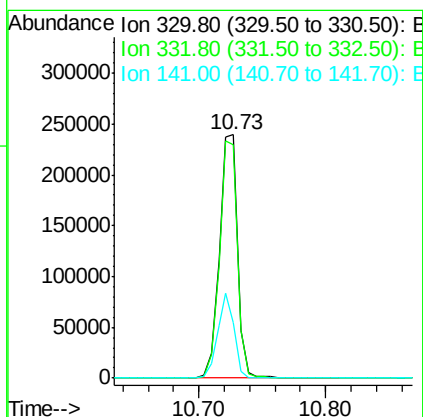
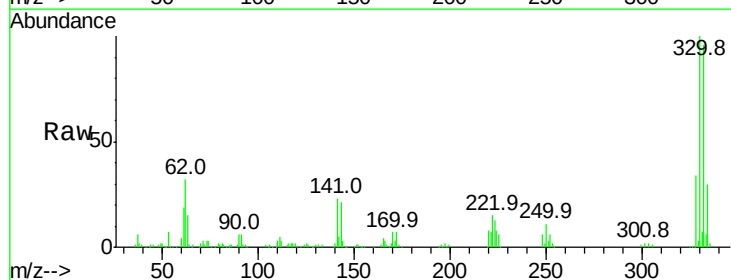
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-SOUTH-PARKING-LOT

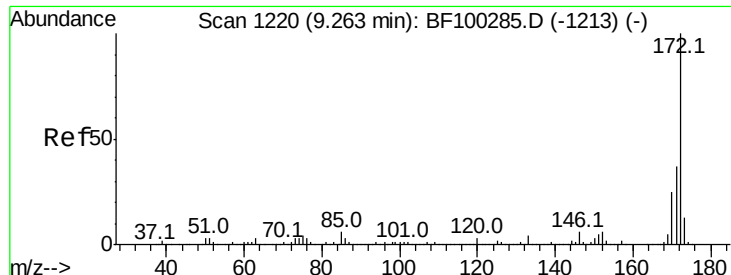
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.4 | 86.1  | 129.1 |
| 160     | 47.5  | 38.3  | 57.5  |



#41  
 2,4,6-Tribromophenol  
 Concen: 73.243 ng  
 RT: 10.73 min Scan# 1469  
 Delta R.T. -0.01 min  
 Lab File: BF100392.D  
 Acq: 10 Nov 2017 15:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.0  | 77.0  | 115.6 |
| 141     | 31.6  | 29.9  | 44.9  |



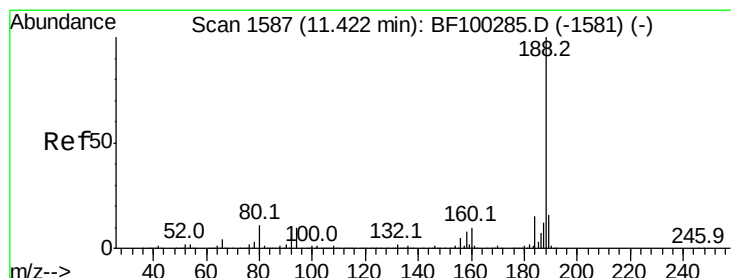
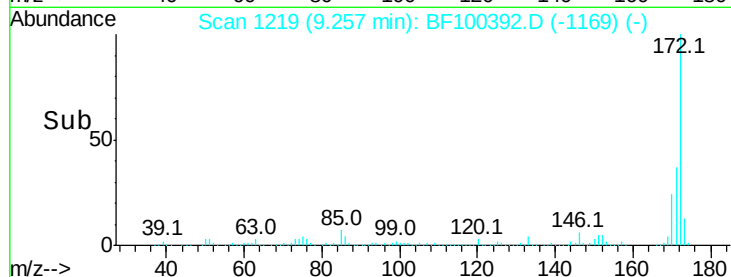
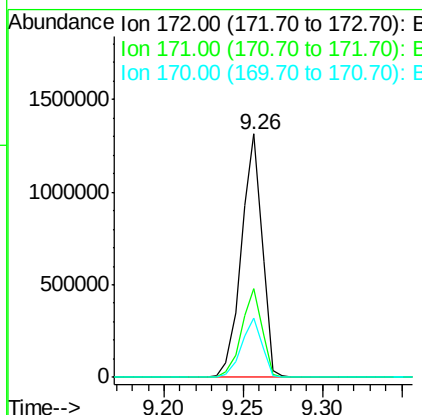
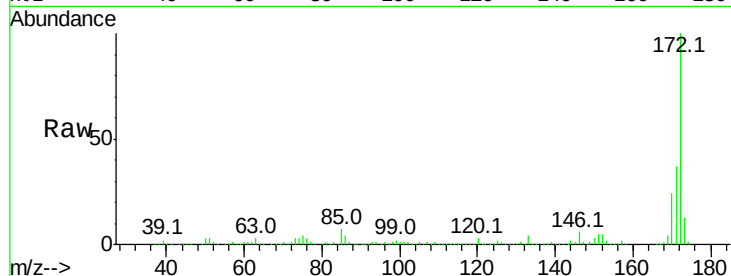


#44  
 2-Fluorobiphenyl  
 Concen: 56.365 ng  
 RT: 9.26 min Scan# 1219  
 Delta R.T. -0.01 min  
 Lab File: BF100392.D  
 Acq: 10 Nov 2017 15:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-SOUTH-PARKING-LOT

Tot Ion:172 Resp: 1185908  

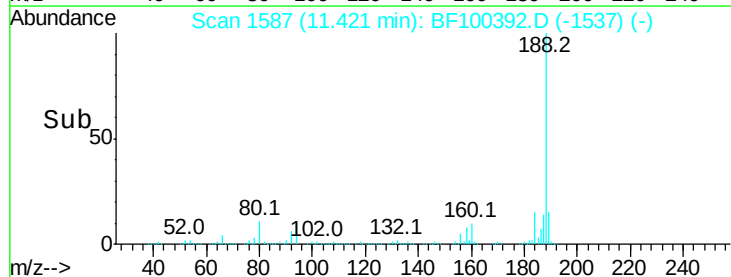
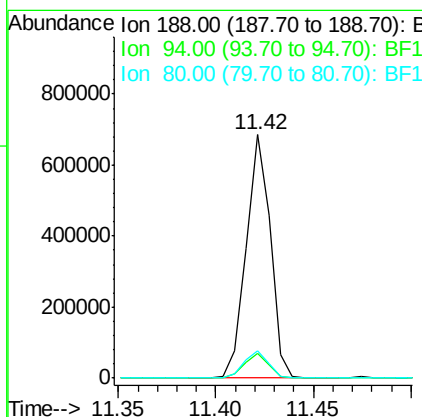
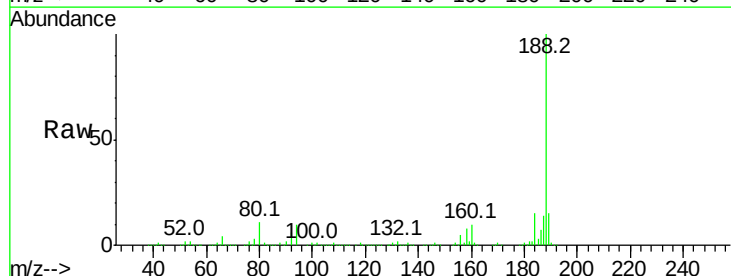
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.6  | 29.7  | 44.5  |
| 170 | 24.4  | 19.6  | 29.4  |

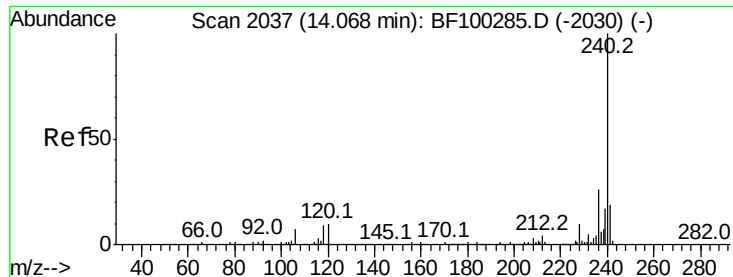


#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.42 min Scan# 1587  
 Delta R.T. -0.01 min  
 Lab File: BF100392.D  
 Acq: 10 Nov 2017 15:47

Tgt Ion:188 Resp: 589202  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.4  | 8.5   | 12.7  |
| 80  | 11.3  | 9.2   | 13.8  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

Instrument :

BNA\_F

ClientSampleId :

SB1-SOUTH-PARKING-LOT

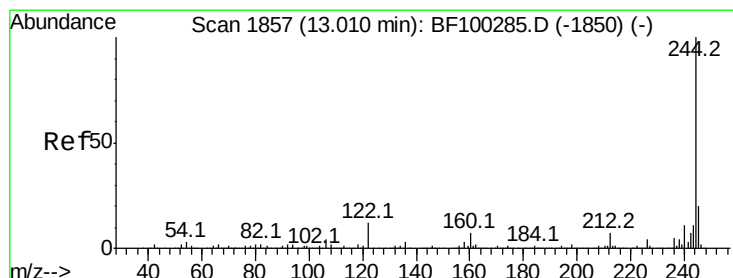
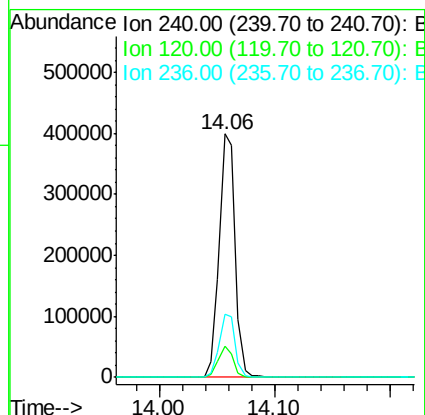
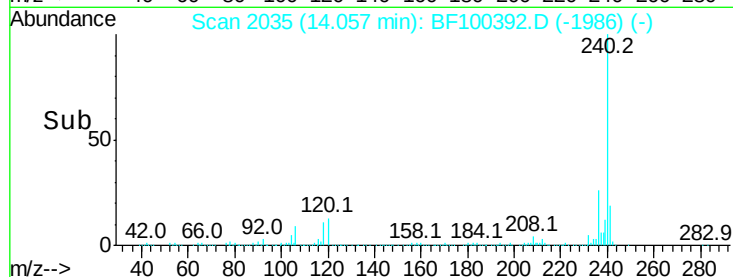
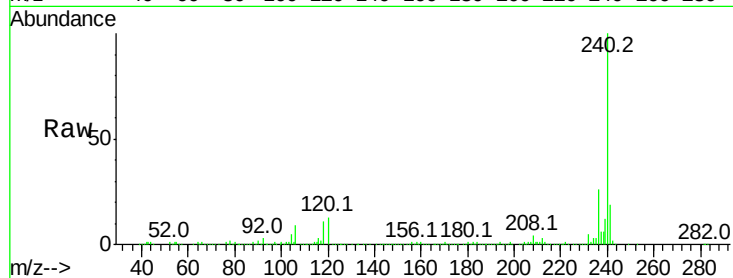
Tot Ion:240 Resp: 384330

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

236 25.8 20.7 31.1



#78

Terphenyl-d14

Concen: 59.505 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100392.D

Acq: 10 Nov 2017 15:47

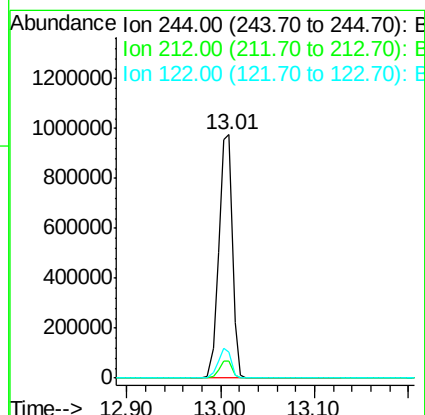
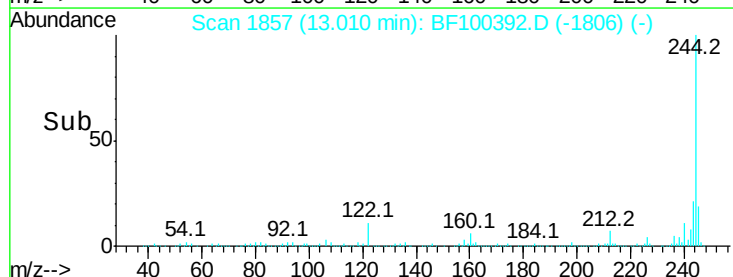
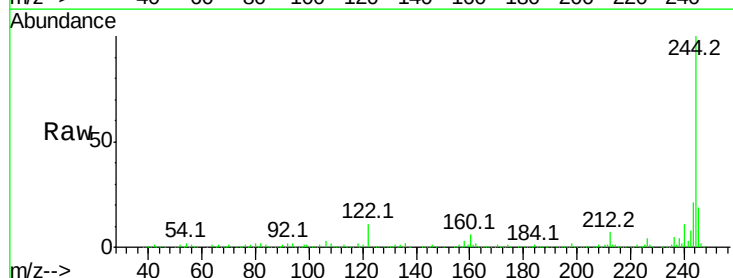
Tgt Ion:244 Resp: 995325

Ion Ratio Lower Upper

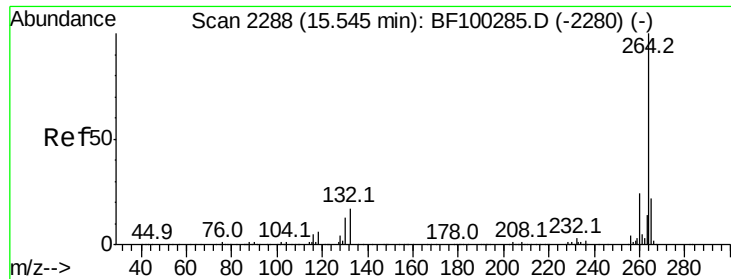
244 100

212 6.9 5.4 8.0

122 10.8 11.0 16.4#







#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2288  
Delta R.T. -0.00 min  
Lab File: BF100392.D  
Acq: 10 Nov 2017 15:47

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-SOUTH-PARKING-LOT

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 367299 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.5  | 19.2  | 28.8   |
| 265      | 21.7  | 17.5  | 26.3   |

