

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\  
 Data File : BF092369.D  
 Acq On : 20 Jan 2017 13:27  
 Operator : UM/SJ  
 Sample : I1265-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-4WS

Quant Time: Jan 20 22:35:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 20 22:22:14 2017  
 Response via : Initial Calibration

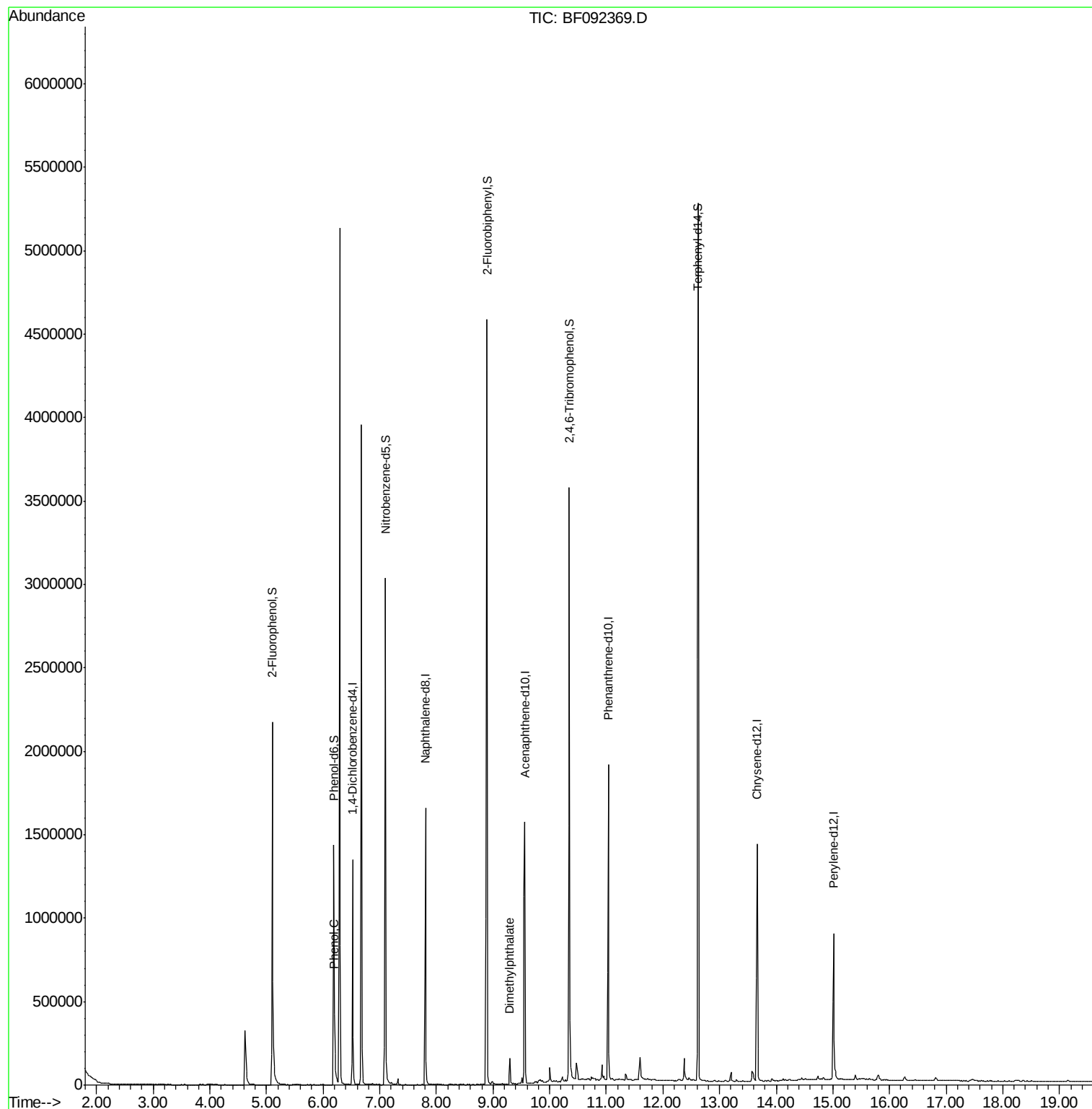
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.52  | 152  | 213343   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.81  | 136  | 885840   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.56  | 164  | 468198   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.03 | 188  | 742645   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.66 | 240  | 574872   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.01 | 264  | 424590   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.10  | 112  | 726554   | 56.86  | ng    | 0.01     |
| 7) Phenol-d6                | 6.19  | 99   | 798044   | 51.16  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.10  | 82   | 1461411  | 91.74  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.35 | 330  | 458520   | 118.34 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 8.90  | 172  | 2354680  | 106.27 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.62 | 244  | 1847582  | 77.95  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.20  | 94   | 44993    | 2.53   | ng    | 81       |
| 49) Dimethylphthalate       | 9.30  | 163  | 69358    | 2.32   | ng    | 99       |

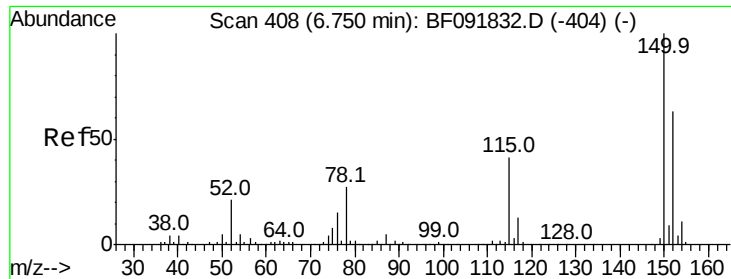
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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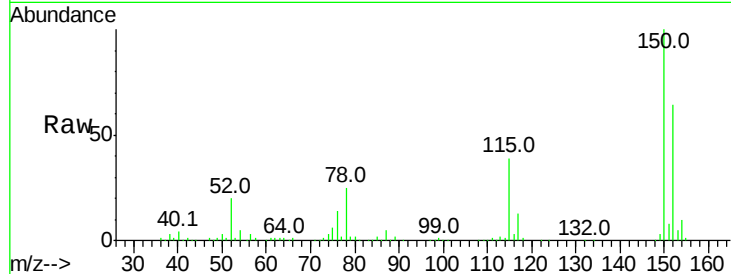


#1

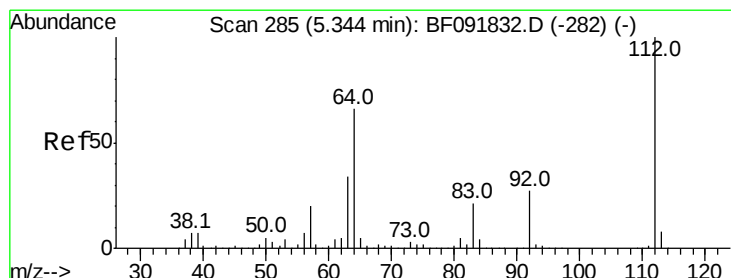
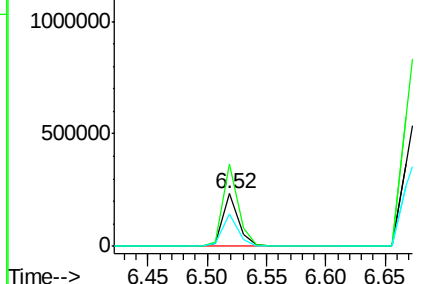
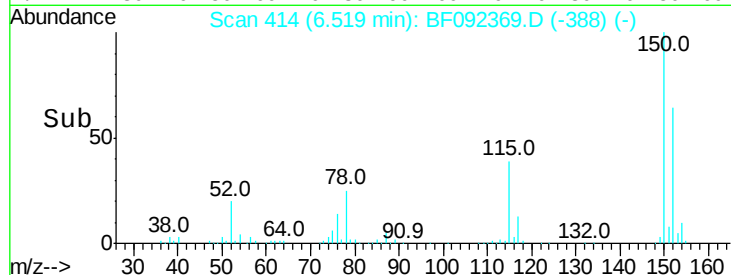
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.52 min Scan# 414  
 Delta R.T. -0.00 min  
 Lab File: BF092369.D  
 Acq: 20 Jan 2017 13:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-4WS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.8 | 124.9 | 187.3 |
| 115     | 61.0  | 46.0  | 69.0  |



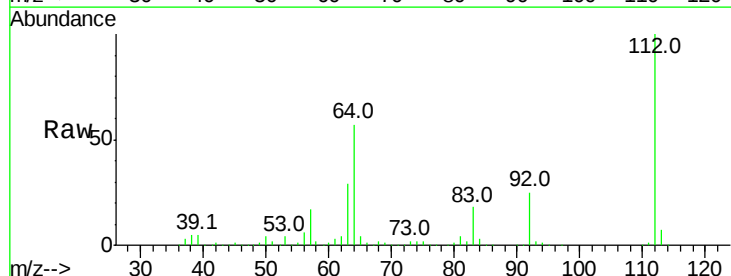
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



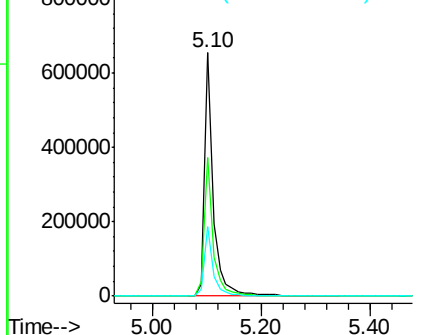
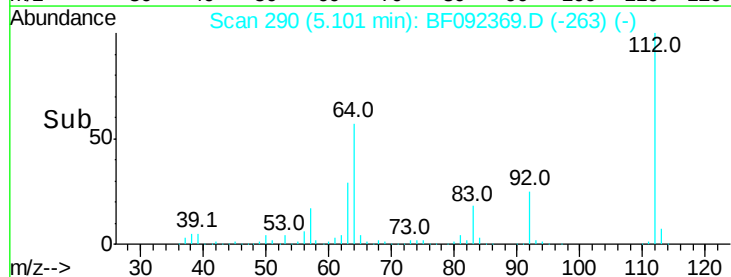
#5

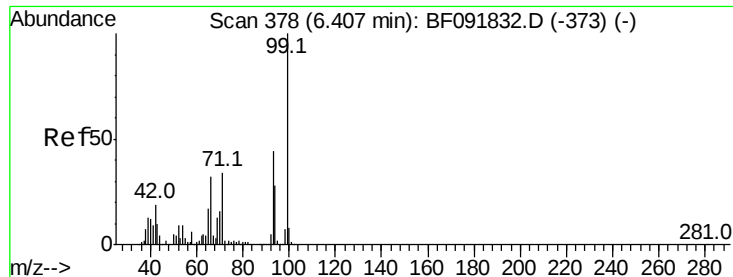
2-Fluorophenol  
 Concen: 56.86 ng  
 RT: 5.10 min Scan# 290  
 Delta R.T. 0.01 min  
 Lab File: BF092369.D  
 Acq: 20 Jan 2017 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.9  | 46.1  | 69.1  |
| 63      | 28.7  | 23.8  | 35.6  |



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: 51.16 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

Instrument :

BNA\_F

ClientSampleId :

B-4WS

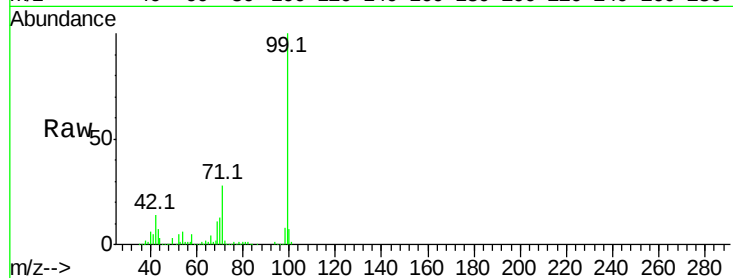
Tot Ion: 99 Resp: 798044

Ion Ratio Lower Upper

99 100

42 14.2 15.6 23.4#

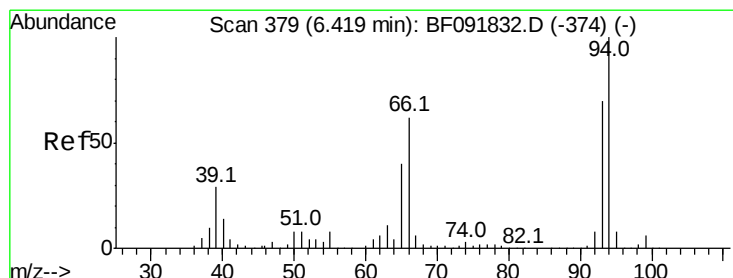
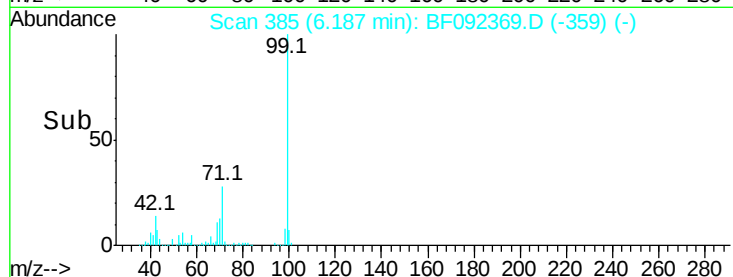
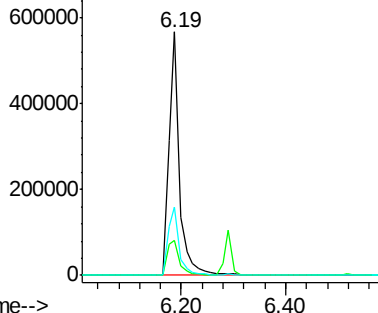
71 28.2 27.5 41.3



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: 2.53 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

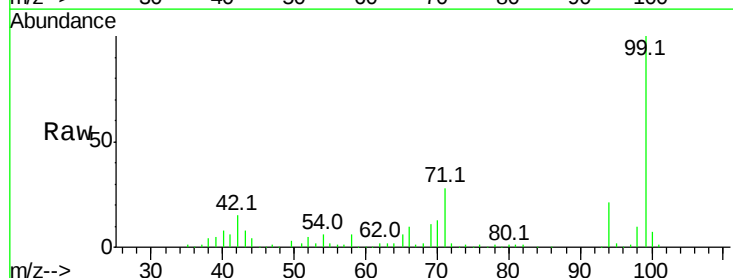
Tgt Ion: 94 Resp: 44993

Ion Ratio Lower Upper

94 100

65 29.0 21.4 61.4

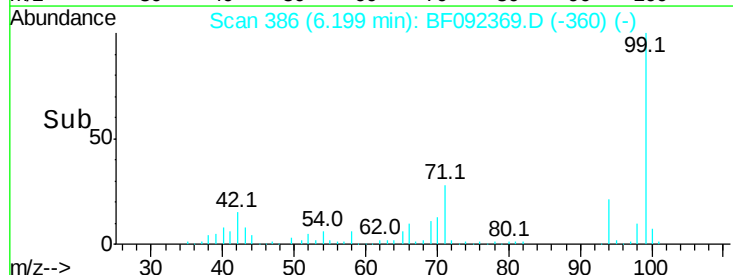
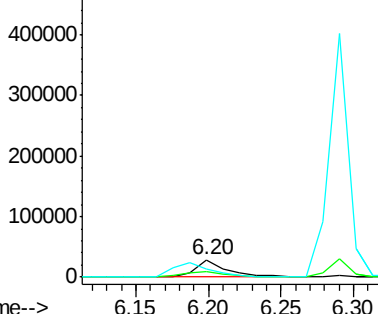
66 49.0 44.0 84.0

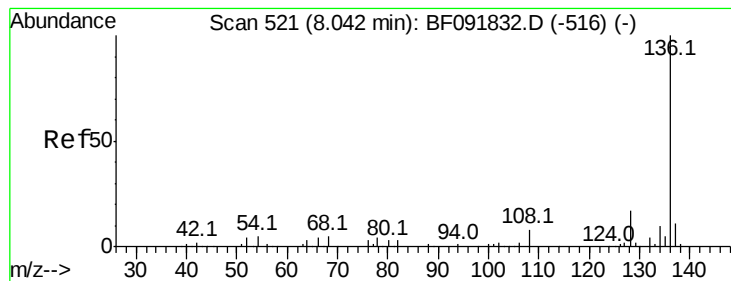


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.81 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

Instrument :

BNA\_F

ClientSampleId :

B-4WS

Tot Ion:136 Resp: 885840

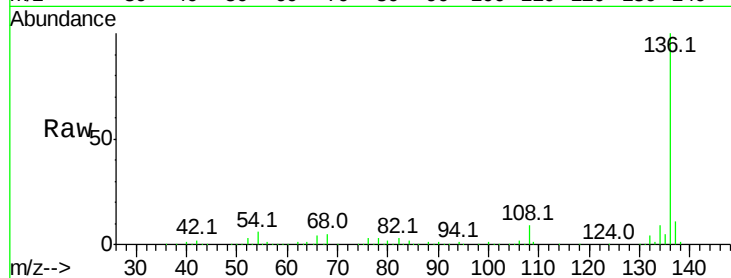
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.2 4.5 6.7

68 5.2 3.6 5.4

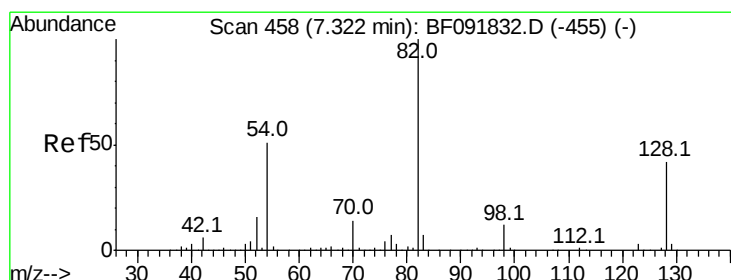
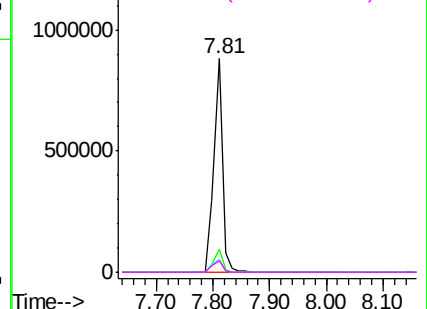
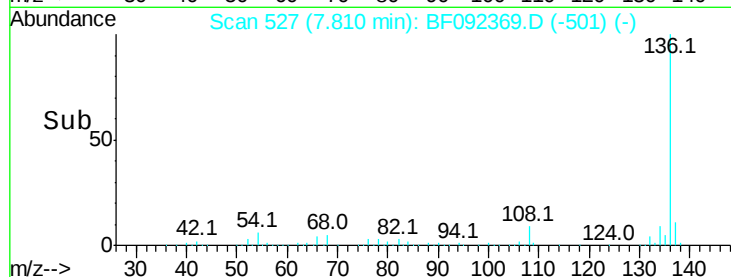


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 91.74 ng

RT: 7.10 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

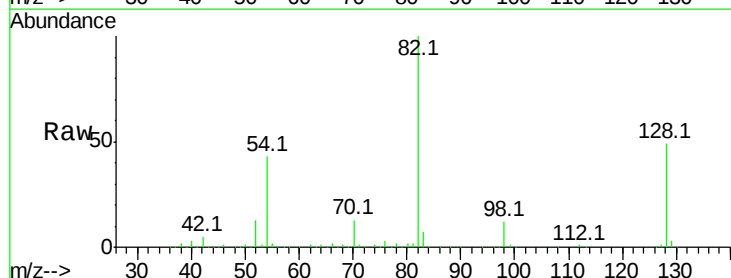
Tgt Ion: 82 Resp: 1461411

Ion Ratio Lower Upper

82 100

128 48.8 34.6 52.0

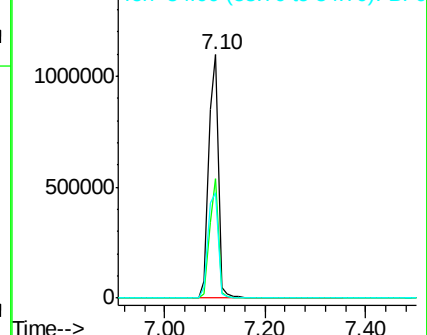
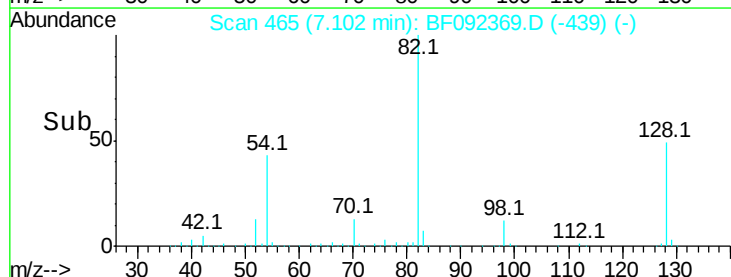
54 43.3 39.5 59.3

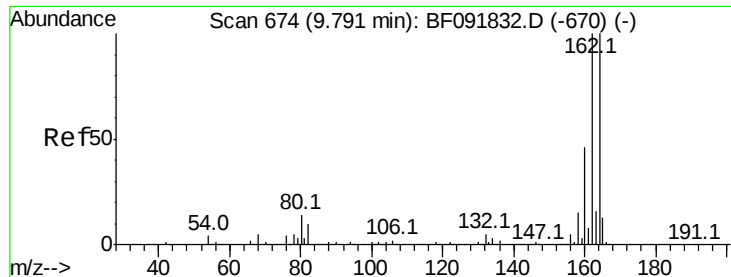


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

Instrument :

BNA\_F

ClientSampleId :

B-4WS

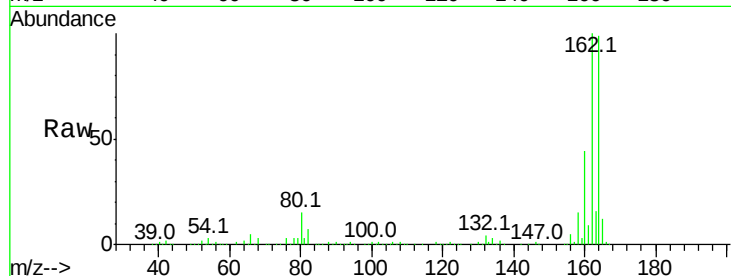
Tot Ion:164 Resp: 468198

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

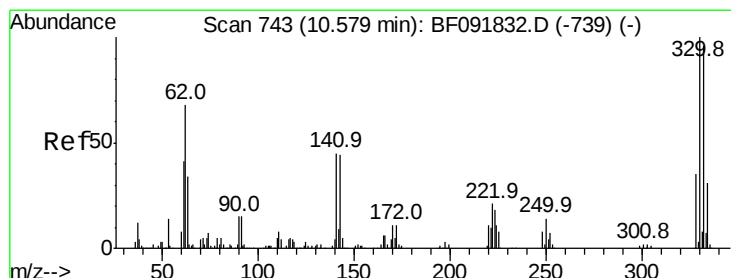
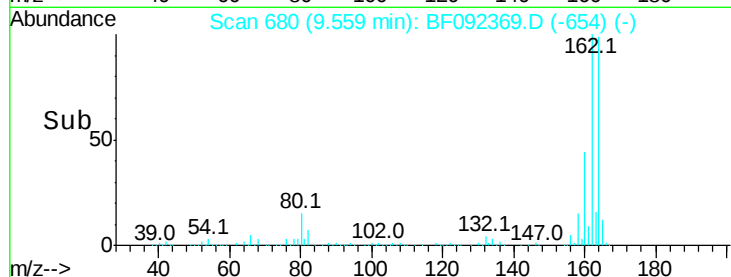
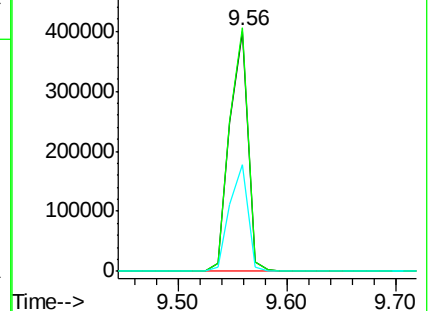
160 44.2 36.9 55.3



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: 118.34 ng

RT: 10.35 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

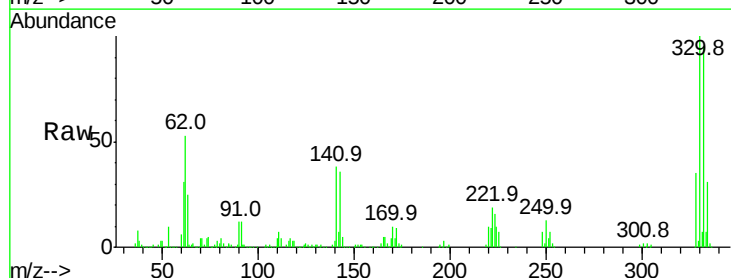
Tgt Ion:330 Resp: 458520

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

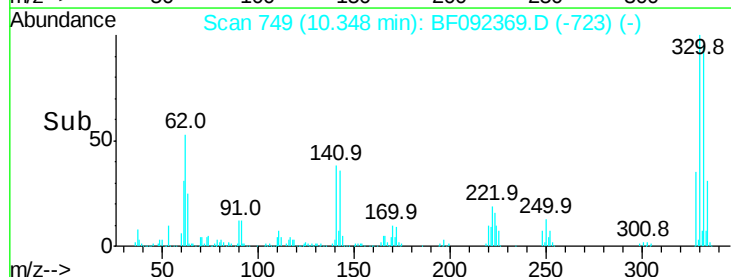
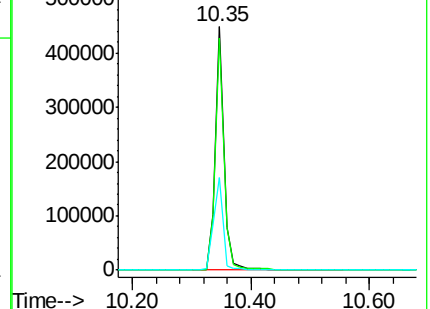
141 41.4 34.1 51.1

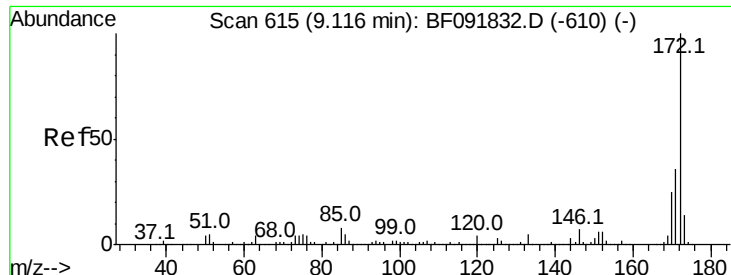


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

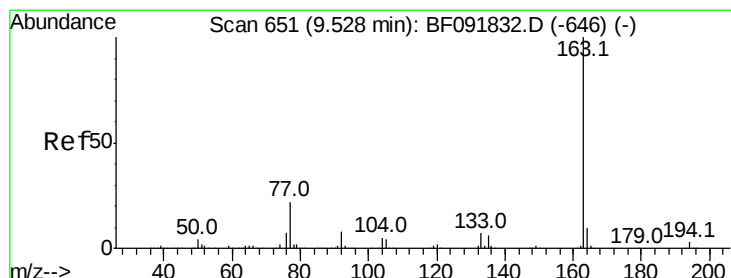
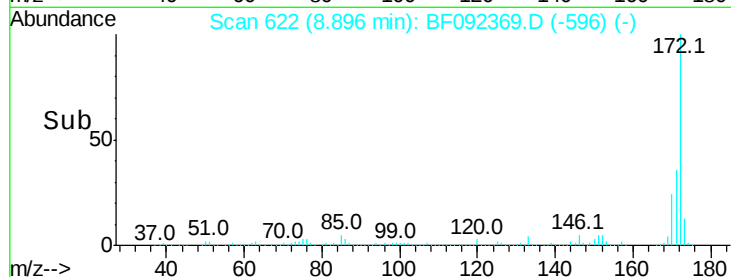
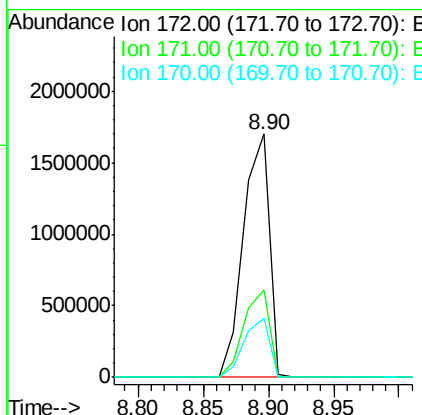
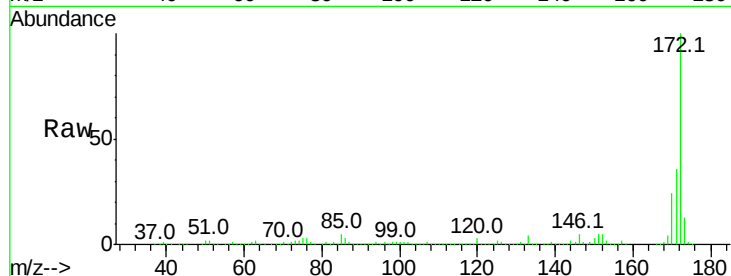




#44  
2-Fluorobiphenyl  
Concen: 106.27 ng  
RT: 8.90 min Scan# 622  
Delta R.T. -0.00 min  
Lab File: BF092369.D  
Acq: 20 Jan 2017 13:27

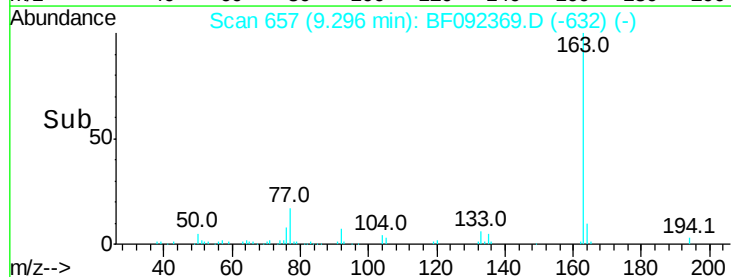
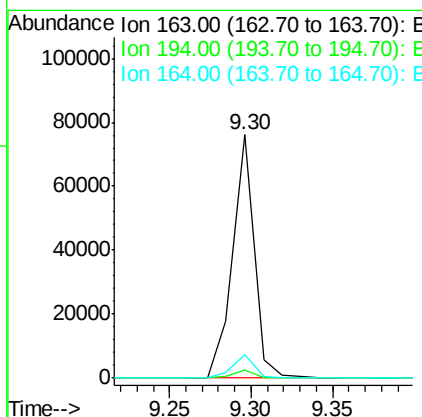
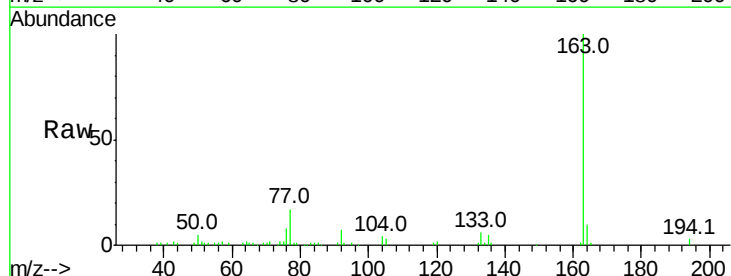
Instrument :  
BNA\_F  
ClientSampled :  
B-4WS

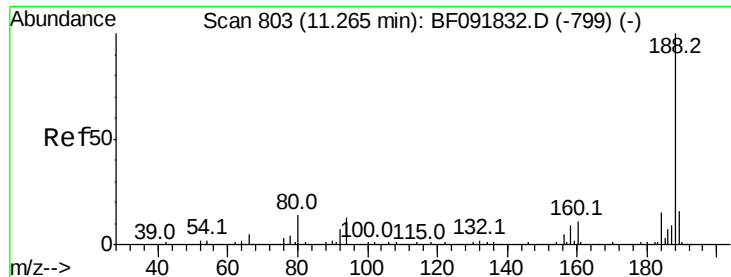
Tot Ion:172 Resp: 2354680  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.4 44.0  
170 24.3 20.2 30.4



#49  
Dimethylphthalate  
Concen: 2.32 ng  
RT: 9.30 min Scan# 657  
Delta R.T. -0.01 min  
Lab File: BF092369.D  
Acq: 20 Jan 2017 13:27

Tgt Ion:163 Resp: 69358  
Ion Ratio Lower Upper  
163 100  
194 3.3 3.0 4.4  
164 9.8 8.0 12.0

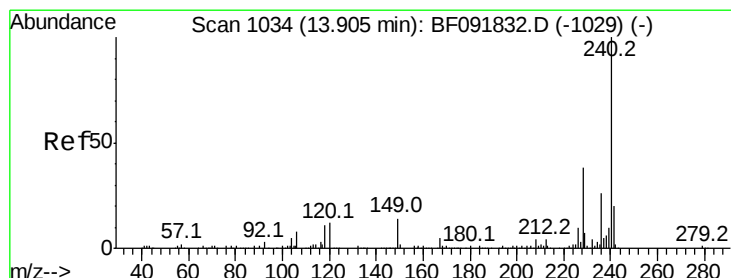
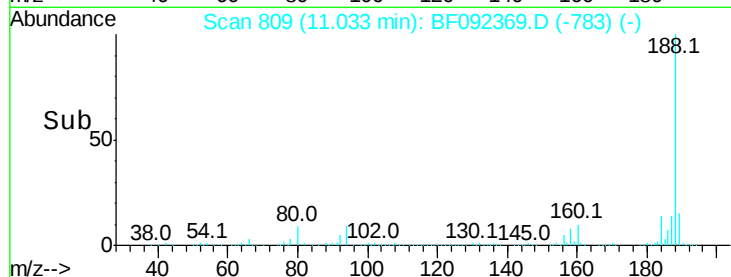
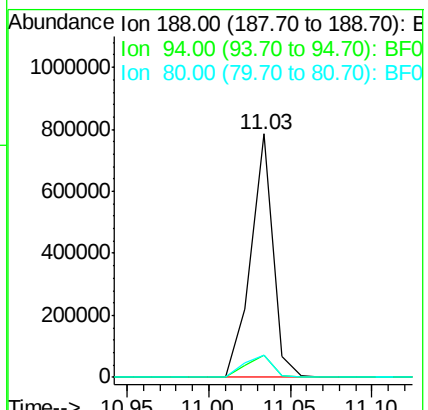
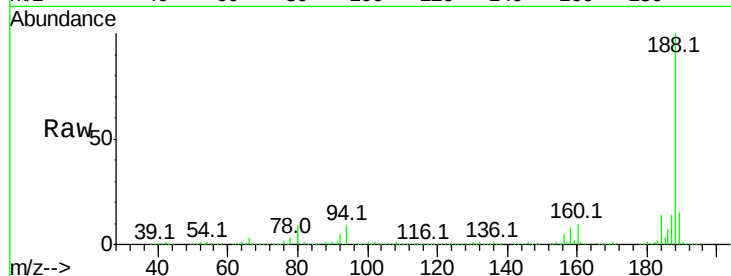




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.03 min Scan# 809  
Delta R.T. -0.00 min  
Lab File: BF092369.D  
Acq: 20 Jan 2017 13:27

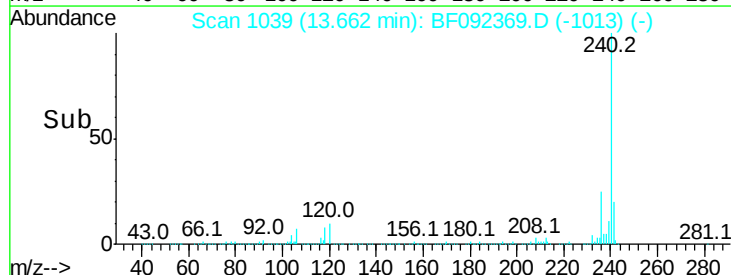
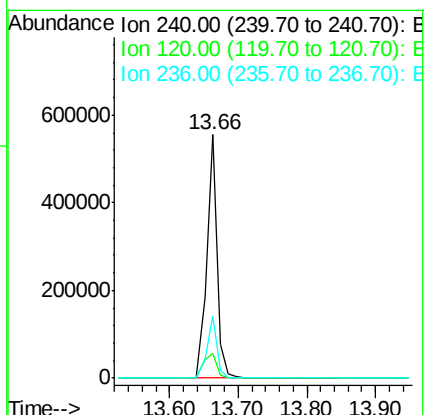
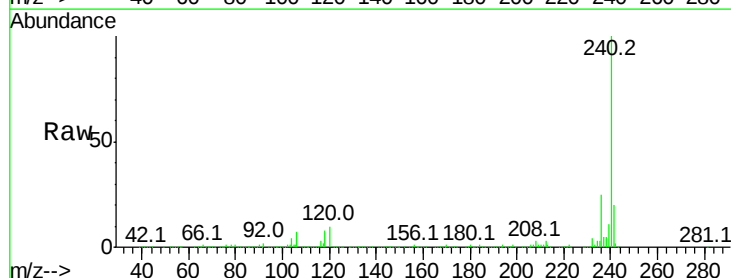
Instrument :  
BNA\_F  
ClientSampled :  
B-4WS

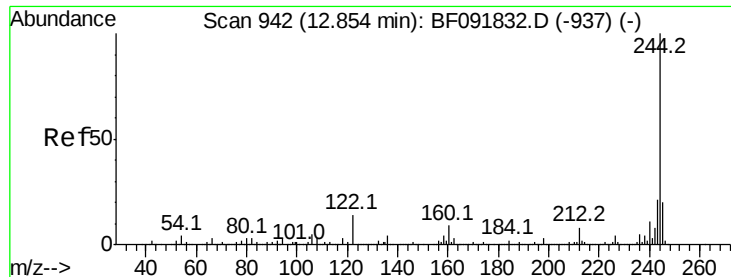
Tot Ion:188 Resp: 742645  
Ion Ratio Lower Upper  
188 100  
94 8.9 10.0 15.0#  
80 9.2 11.2 16.8#



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.66 min Scan# 1039  
Delta R.T. -0.00 min  
Lab File: BF092369.D  
Acq: 20 Jan 2017 13:27

Tgt Ion:240 Resp: 574872  
Ion Ratio Lower Upper  
240 100  
120 10.0 12.9 19.3#  
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 77.95 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

Instrument :

BNA\_F

ClientSampleId :

B-4WS

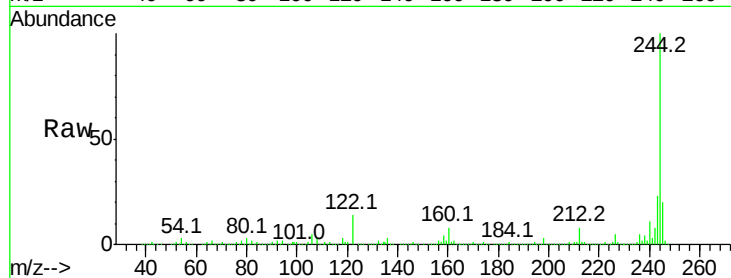
Tot Ion:244 Resp: 1847582

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

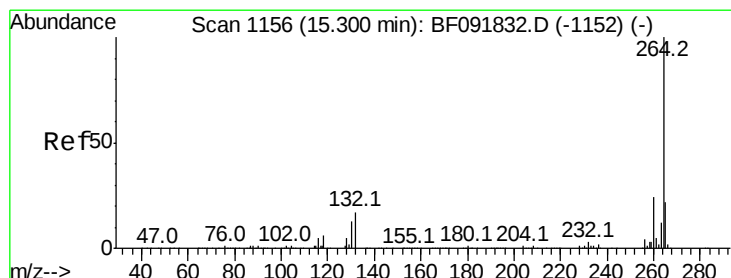
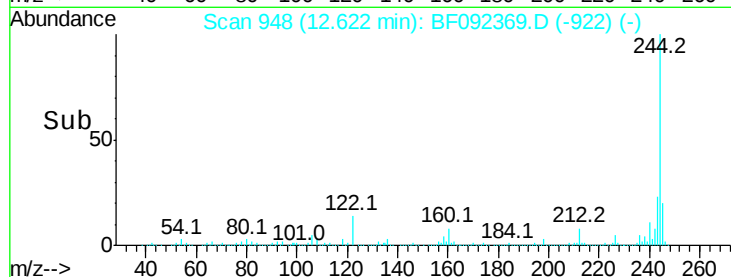
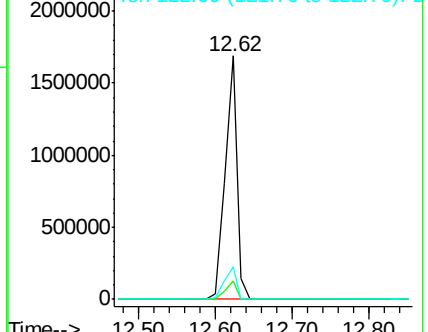
122 13.5 11.4 17.2



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: 15.01 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF092369.D

Acq: 20 Jan 2017 13:27

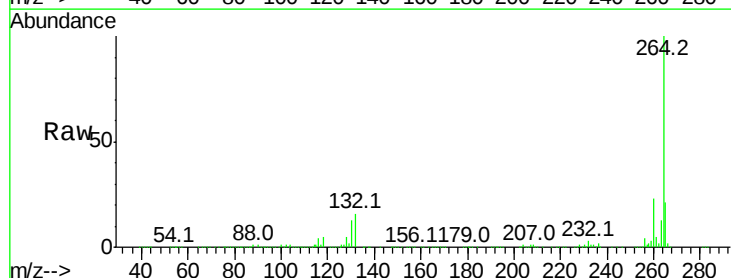
Tgt Ion:264 Resp: 424590

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

