

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\  
 Data File : BF092759.D  
 Acq On : 3 Feb 2017 2:16  
 Operator : SJ/MA  
 Sample : I1650-24  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-42-COMP

Quant Time: Feb 03 04:38:10 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 30 14:50:05 2017  
 Response via : Initial Calibration

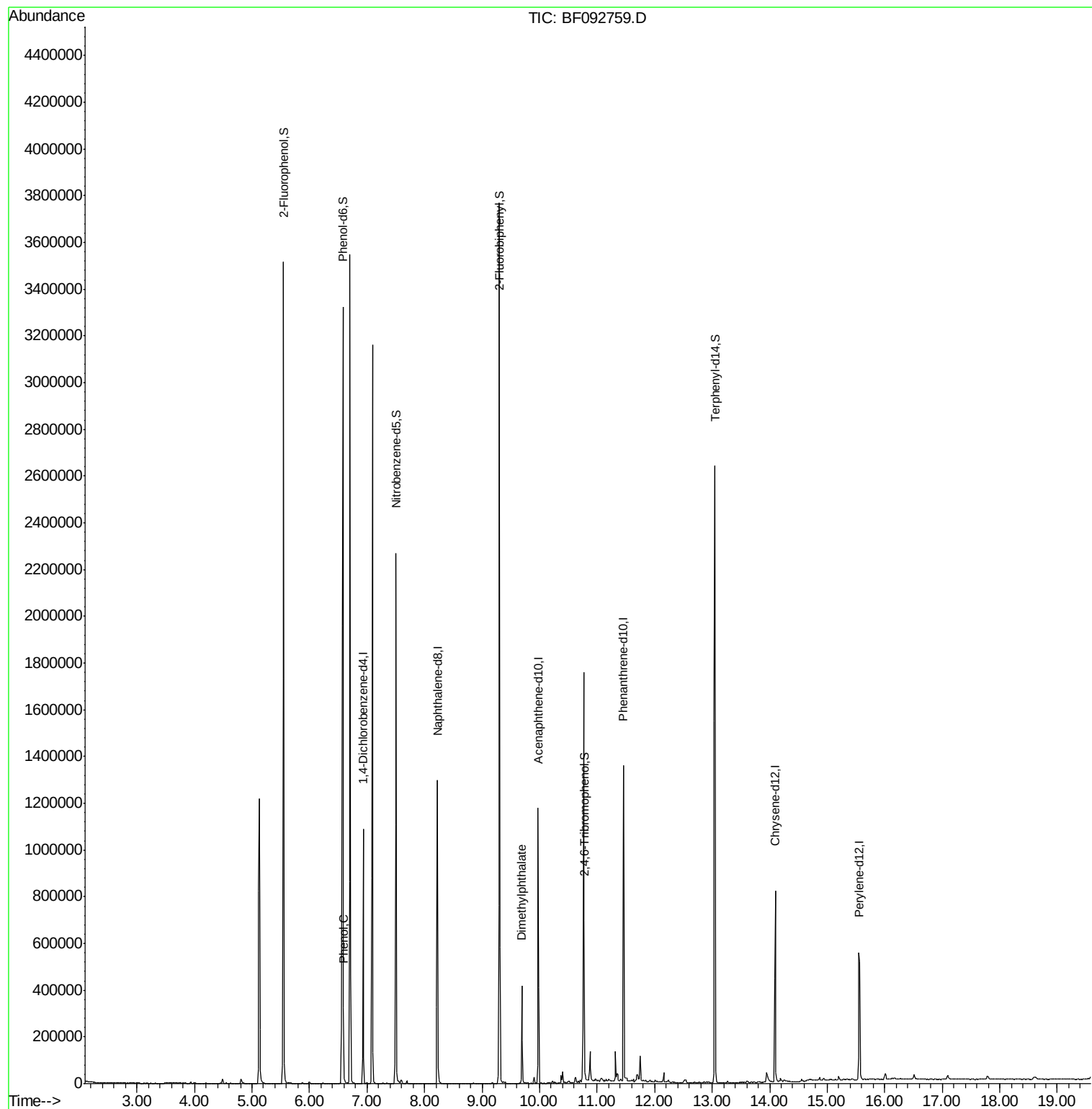
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.93  | 152  | 151032   | 20.00  | ng    | -0.03       |
| 21) Naphthalene-d8          | 8.22  | 136  | 597661   | 20.00  | ng    | -0.03       |
| 38) Acenaphthene-d10        | 9.97  | 164  | 276460   | 20.00  | ng    | -0.03       |
| 63) Phenanthrene-d10        | 11.46 | 188  | 469249   | 20.00  | ng    | -0.03       |
| 75) Chrysene-d12            | 14.10 | 240  | 335576   | 20.00  | ng    | -0.05       |
| 86) Perylene-d12            | 15.56 | 264  | 304581   | 20.00  | ng    | -0.05       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.55  | 112  | 1040578  | 118.20 | ng    | -0.02       |
| 7) Phenol-d6                | 6.58  | 99   | 1341190  | 118.41 | ng    | -0.02       |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 828676   | 77.21  | ng    | -0.03       |
| 41) 2,4,6-Tribromophenol    | 10.77 | 330  | 218221   | 109.14 | ng    | -0.03       |
| 44) 2-Fluorobiphenyl        | 9.30  | 172  | 1222630  | 80.12  | ng    | -0.03       |
| 78) Terphenyl-d14           | 13.05 | 244  | 968835   | 67.84  | ng    | -0.03       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.59  | 94   | 86762    | 6.55   | ng    | Qvalue # 61 |
| 49) Dimethylphthalate       | 9.69  | 163  | 208315   | 11.19  | ng    | 98          |

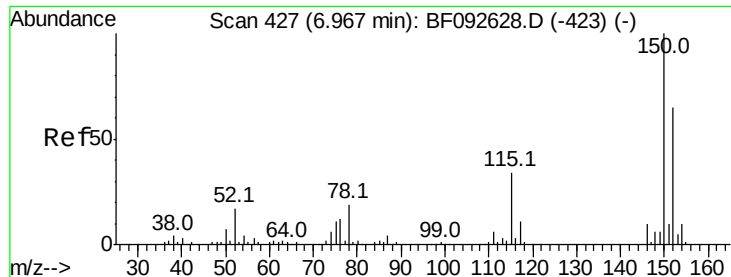
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\  
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Misc :  
ALS Vial : 25 Sample Multiplier: 1

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BNA\_F  
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SB-42-COMP

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 30 14:50:05 2017  
Response via : Initial Calibration



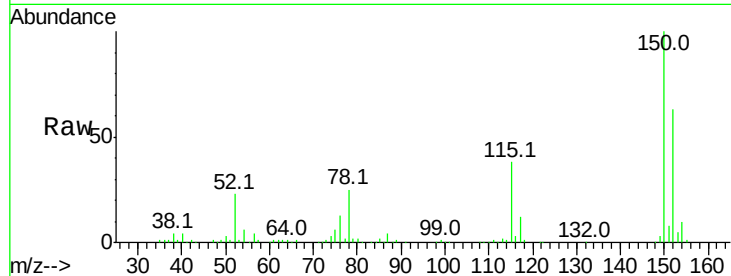


#1

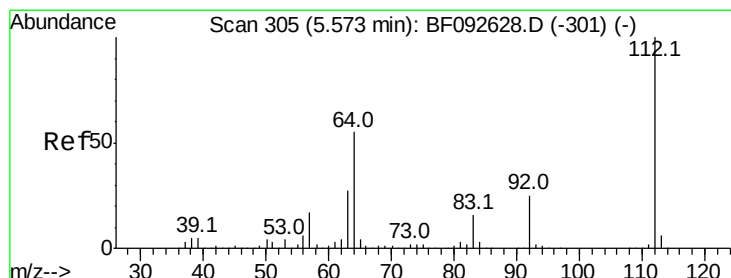
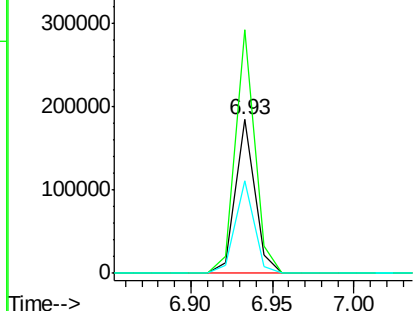
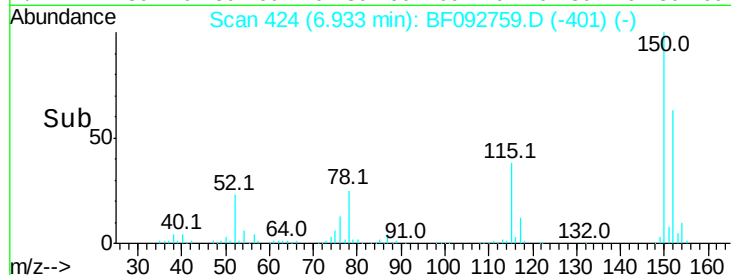
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.93 min Scan# 424  
Delta R.T. -0.03 min  
Lab File: BF092759.D  
Acq: 3 Feb 2017 2:16

Instrument :  
BNA\_F  
ClientSampleId :  
SB-42-COMP

Tot Ion:152 Resp: 151032  
Ion Ratio Lower Upper  
152 100  
150 158.5 124.9 187.3  
115 60.1 46.0 69.0



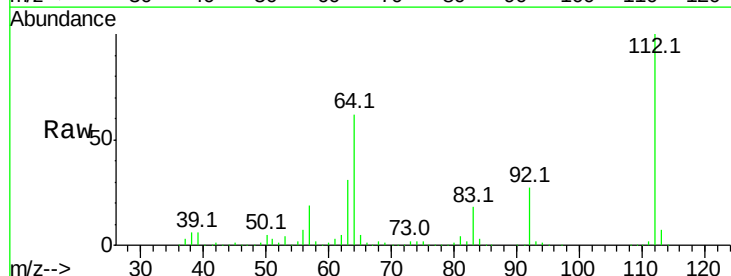
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



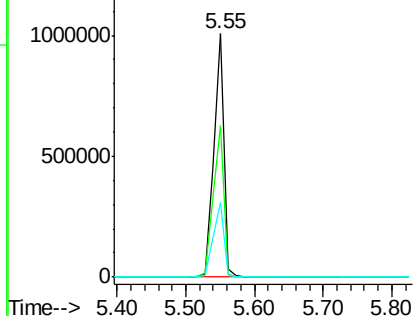
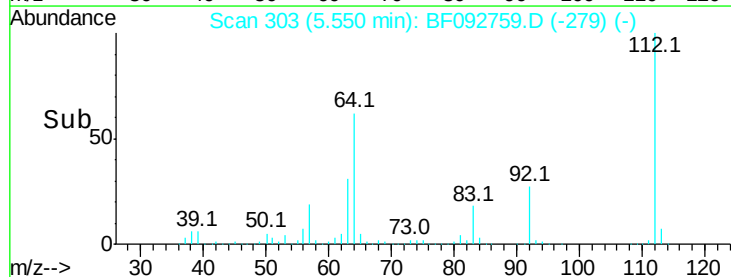
#5

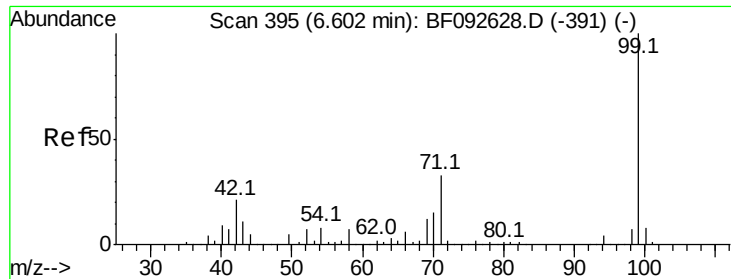
2-Fluorophenol  
Concen: 118.20 ng  
RT: 5.55 min Scan# 303  
Delta R.T. -0.02 min  
Lab File: BF092759.D  
Acq: 3 Feb 2017 2:16

Tgt Ion:112 Resp: 1040578  
Ion Ratio Lower Upper  
112 100  
64 62.2 46.1 69.1  
63 30.9 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: 118.41 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092759.D

Acq: 3 Feb 2017 2:16

Instrument :

BNA\_F

ClientSampleId :

SB-42-COMP

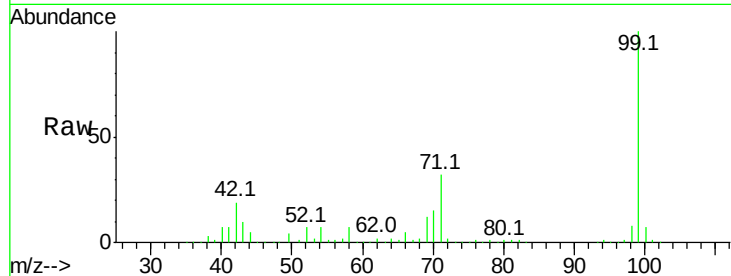
Tot Ion: 99 Resp: 1341190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.9  | 15.6  | 23.4  |
| 71  | 31.8  | 27.5  | 41.3  |

99 100

42 18.9 15.6 23.4

71 31.8 27.5 41.3

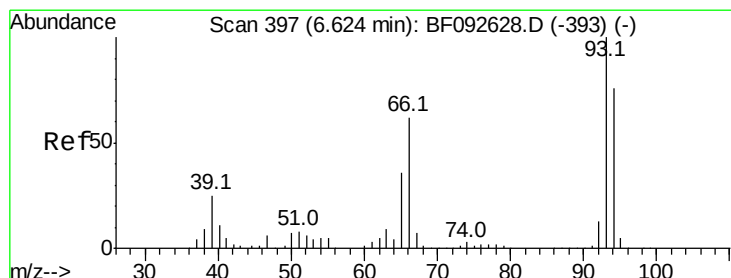
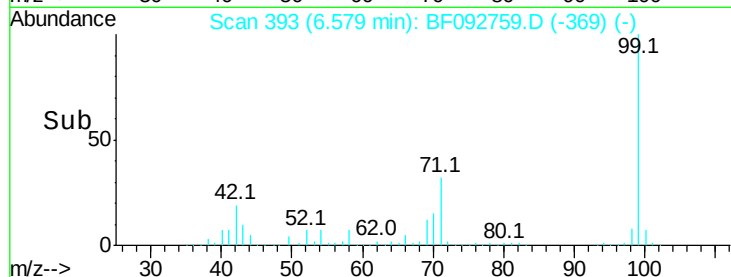
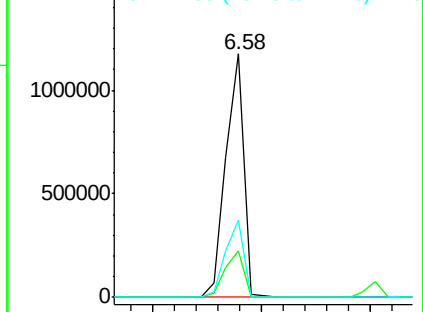


Abundance

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: 6.55 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092759.D

Acq: 3 Feb 2017 2:16

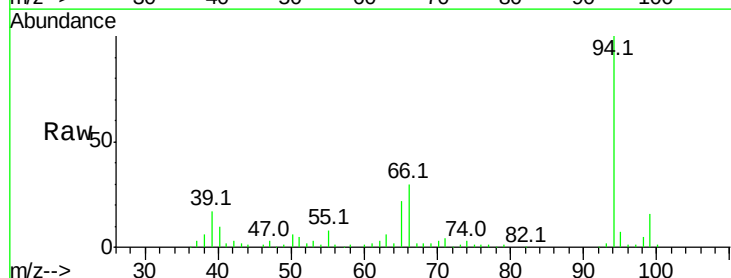
Tgt Ion: 94 Resp: 86762

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 22.2  | 21.4  | 61.4  |
| 66  | 29.6  | 44.0  | 84.0# |

94 100

65 22.2 21.4 61.4

66 29.6 44.0 84.0#

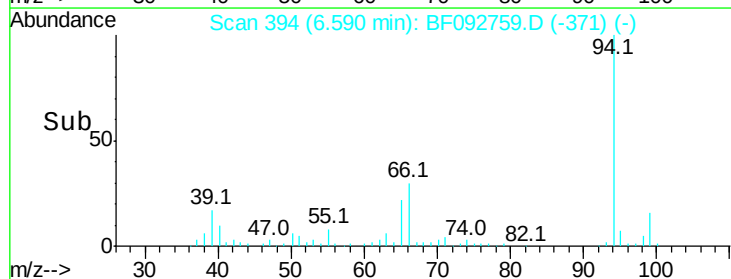
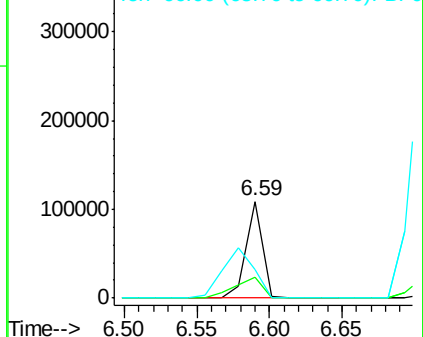


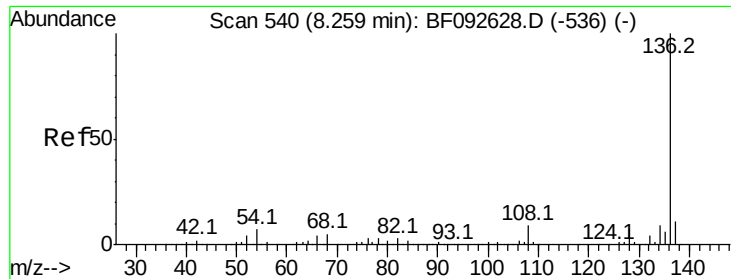
Abundance

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

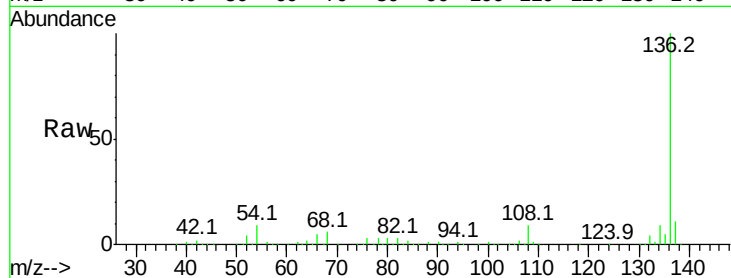




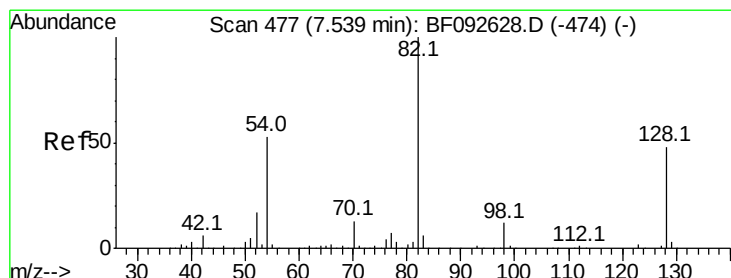
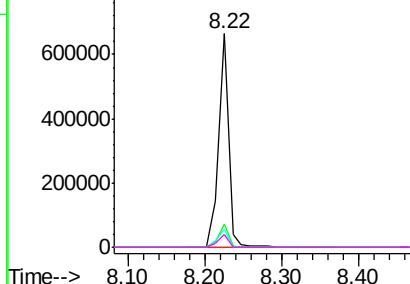
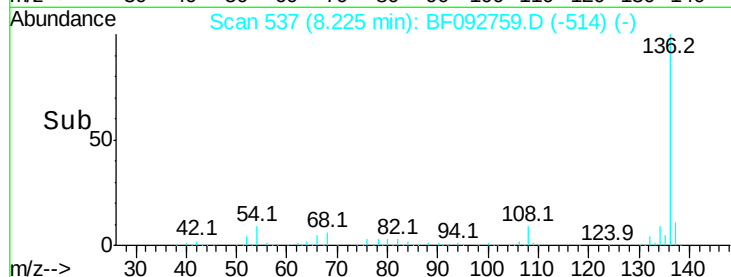
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.22 min Scan# 537  
Delta R.T. -0.03 min  
Lab File: BF092759.D  
Acq: 3 Feb 2017 2:16

Instrument :  
BNA\_F  
ClientSampleId :  
SB-42-COMP

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 597661   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.7  | 8.4 12.6 |
| 54          | 8.7   | 4.5 6.7# |
| 68          | 5.9   | 3.6 5.4# |

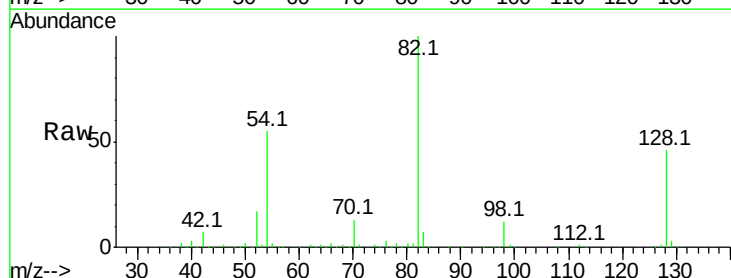


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

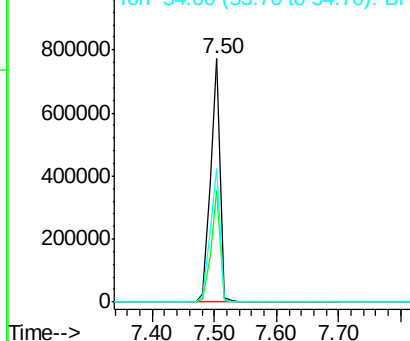
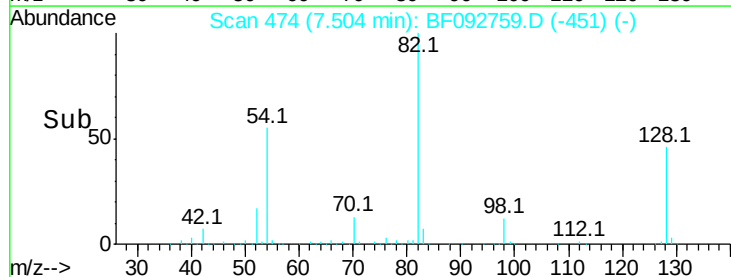


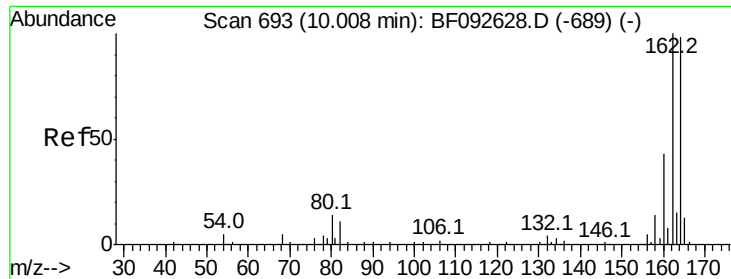
#23  
Nitrobenzene-d5  
Concen: 77.21 ng  
RT: 7.50 min Scan# 474  
Delta R.T. -0.03 min  
Lab File: BF092759.D  
Acq: 3 Feb 2017 2:16

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 828676    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 46.0  | 34.6 52.0 |
| 54          | 55.0  | 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

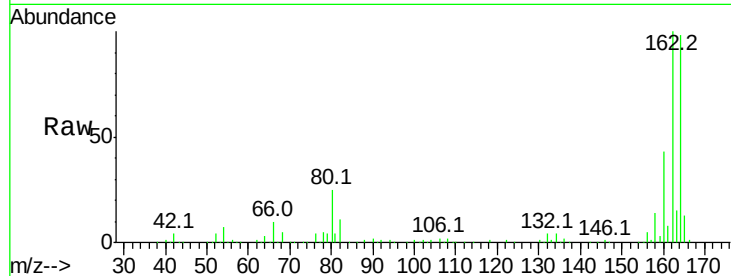




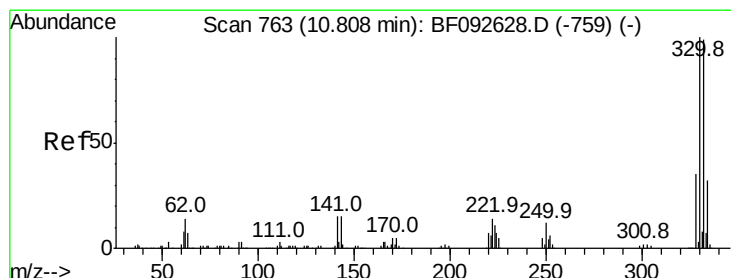
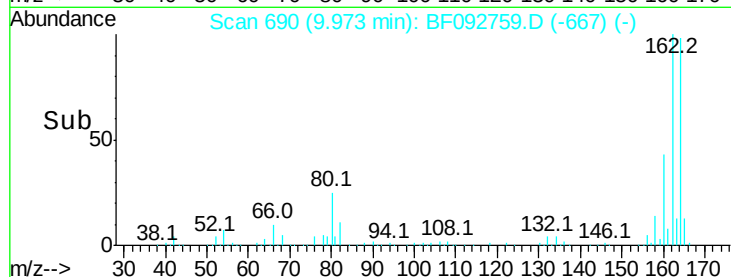
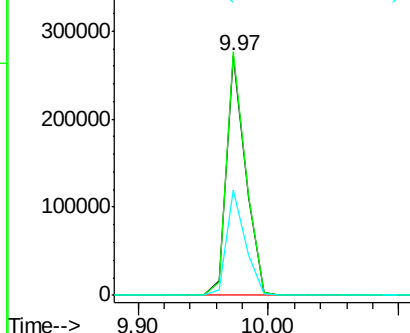
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.97 min Scan# 690  
Delta R.T. -0.03 min  
Lab File: BF092759.D  
Acq: 3 Feb 2017 2:16

Instrument :  
BNA\_F  
ClientSampleId :  
SB-42-COMP

Tot Ion:164 Resp: 276460  
Ion Ratio Lower Upper  
164 100  
162 101.7 80.2 120.2  
160 44.0 36.9 55.3

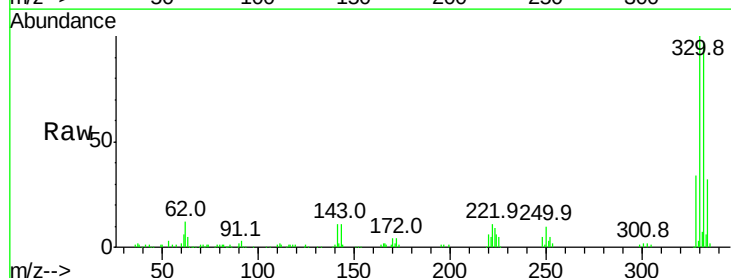


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

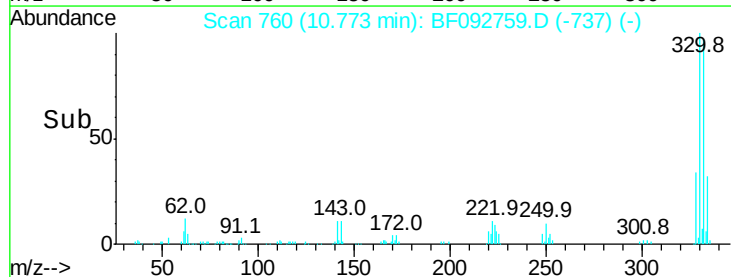
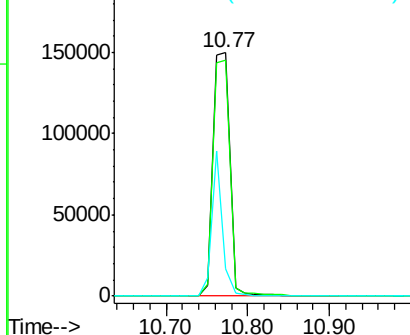


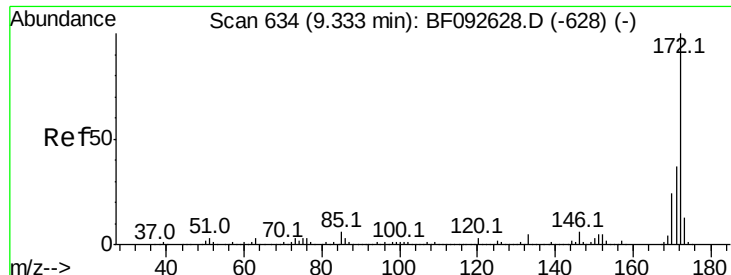
#41  
2,4,6-Tribromophenol  
Concen: 109.14 ng  
RT: 10.77 min Scan# 760  
Delta R.T. -0.03 min  
Lab File: BF092759.D  
Acq: 3 Feb 2017 2:16

Tgt Ion:330 Resp: 218221  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.4 116.2  
141 38.2 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



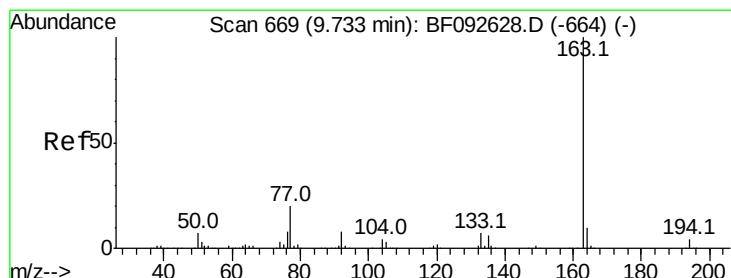
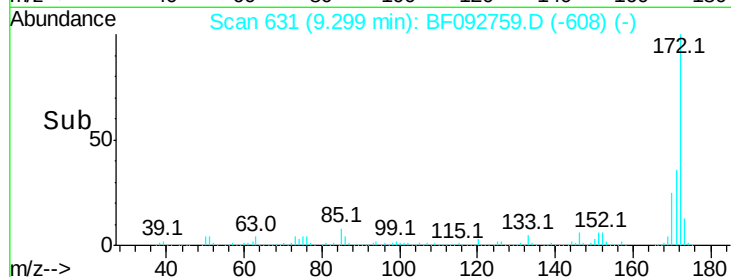
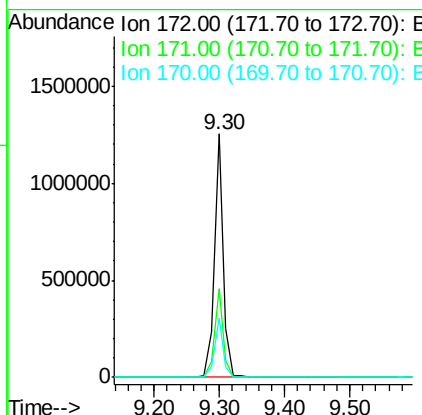
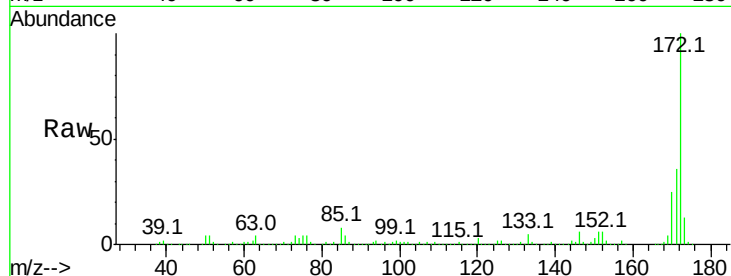


#44  
 2-Fluorobiphenyl  
 Concen: 80.12 ng  
 RT: 9.30 min Scan# 631  
 Delta R.T. -0.03 min  
 Lab File: BF092759.D  
 Acq: 3 Feb 2017 2:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-42-COMP

Tot Ion:172 Resp: 1222630  

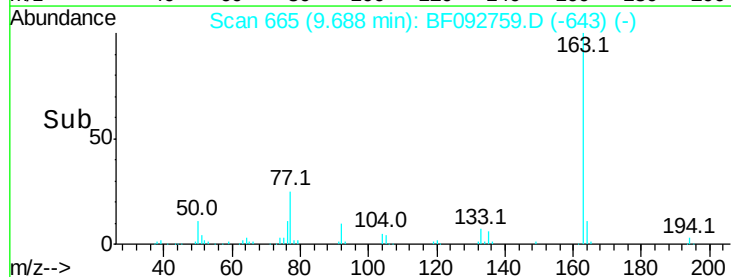
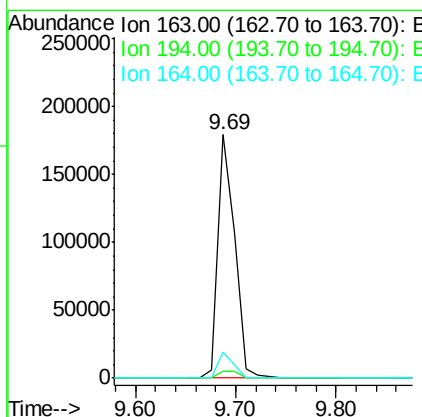
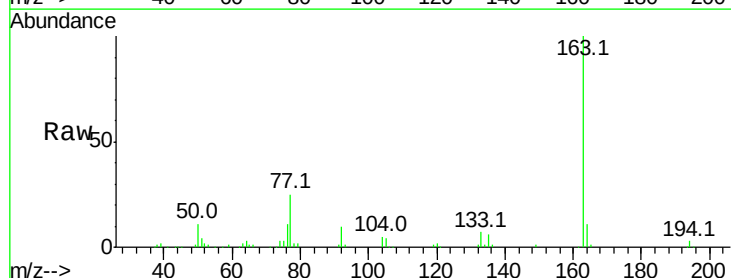
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.3  | 29.4  | 44.0  |
| 170 | 24.6  | 20.2  | 30.4  |

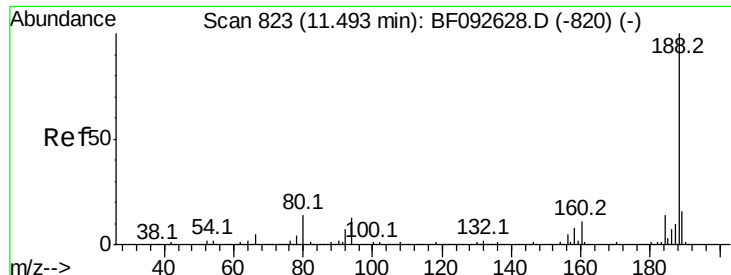


#49  
 Dimethylphthalate  
 Concen: 11.19 ng  
 RT: 9.69 min Scan# 665  
 Delta R.T. -0.05 min  
 Lab File: BF092759.D  
 Acq: 3 Feb 2017 2:16

Tgt Ion:163 Resp: 208315  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.0   | 3.0   | 4.4   |
| 164 | 10.5  | 8.0   | 12.0  |

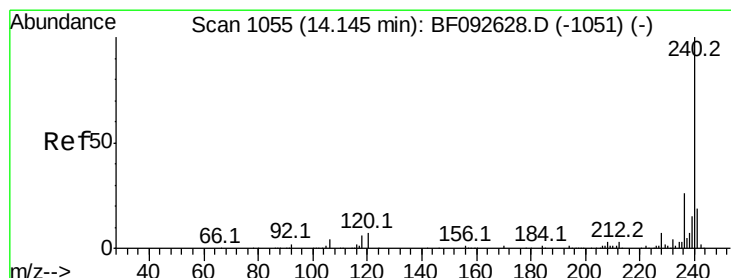
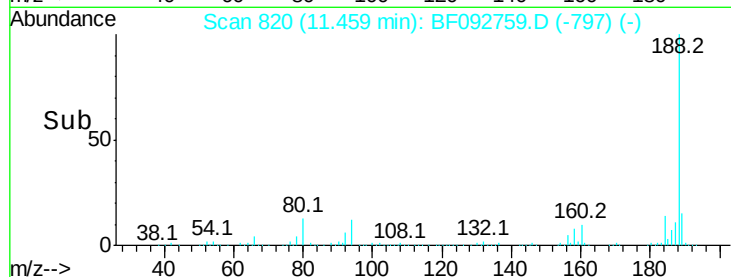
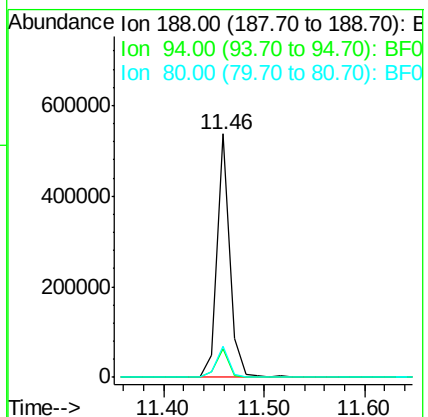
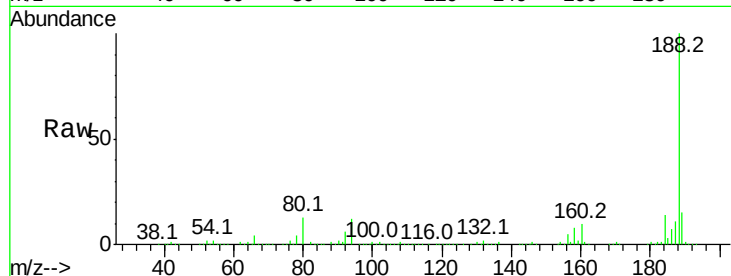




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.46 min Scan# 820  
Delta R.T. -0.03 min  
Lab File: BF092759.D  
Acq: 3 Feb 2017 2:16

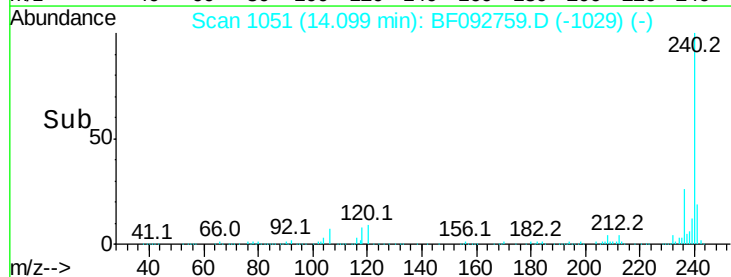
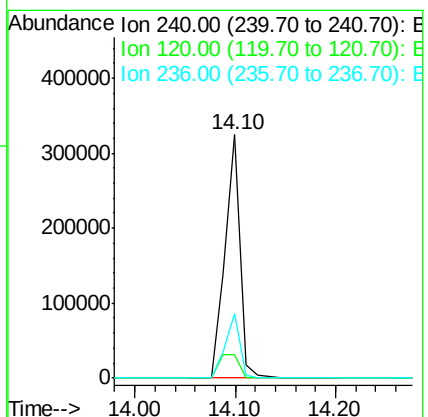
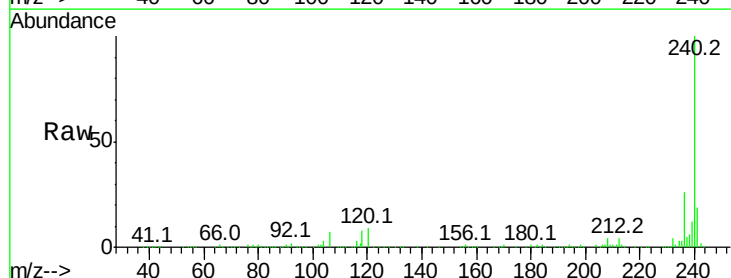
Instrument :  
BNA\_F  
ClientSampleId :  
SB-42-COMP

Tot Ion:188 Resp: 469249  
Ion Ratio Lower Upper  
188 100  
94 12.0 10.0 15.0  
80 12.7 11.2 16.8

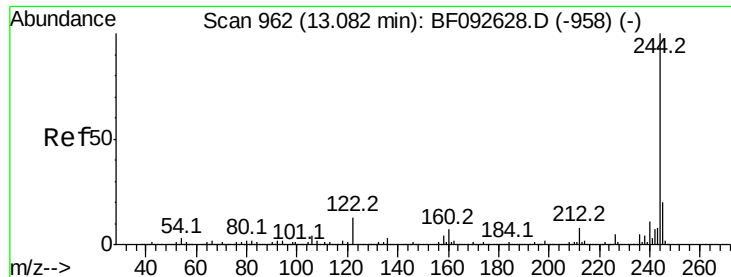


#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.10 min Scan# 1051  
Delta R.T. -0.05 min  
Lab File: BF092759.D  
Acq: 3 Feb 2017 2:16

Tgt Ion:240 Resp: 335576  
Ion Ratio Lower Upper  
240 100  
120 9.4 12.9 19.3#  
236 26.4 20.9 31.3







#78

Terphenyl-d14

Concen: 67.84 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092759.D

Acq: 3 Feb 2017 2:16

Instrument :

BNA\_F

ClientSampleId :

SB-42-COMP

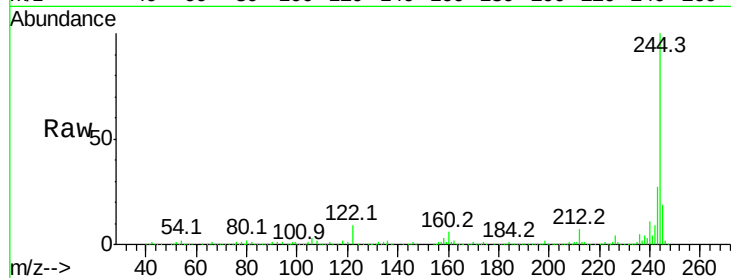
Tot Ion:244 Resp: 968835

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

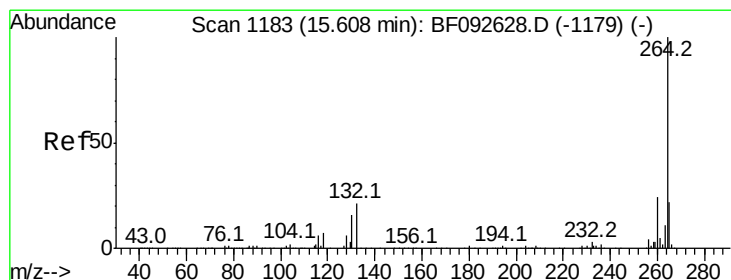
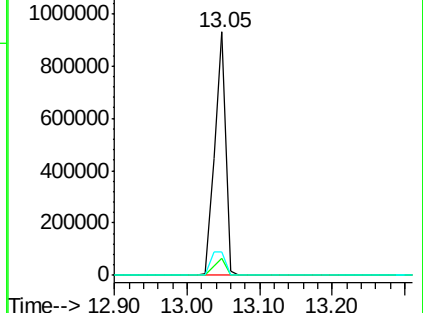
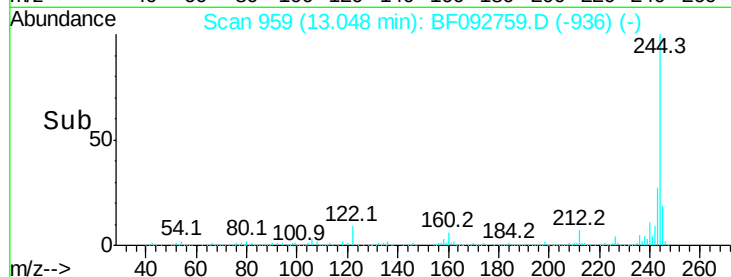
122 9.5 11.4 17.2#



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: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092759.D

Acq: 3 Feb 2017 2:16

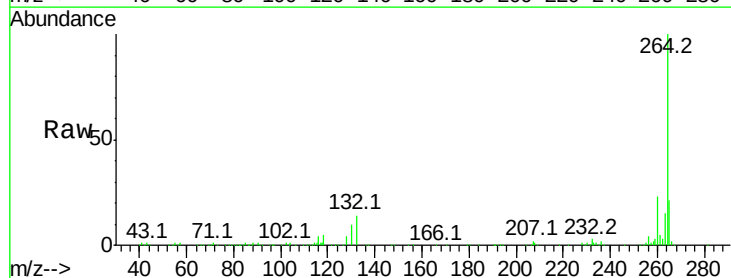
Tgt Ion:264 Resp: 304581

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.7 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

