

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\  
 Data File : BM010855.D  
 Acq On : 18 Jul 2017 03:33  
 Operator : SJ/JU  
 Sample : I4199-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 3563-PP3

Quant Time: Jul 18 05:46:23 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 12 14:21:16 2017  
 Response via : Initial Calibration

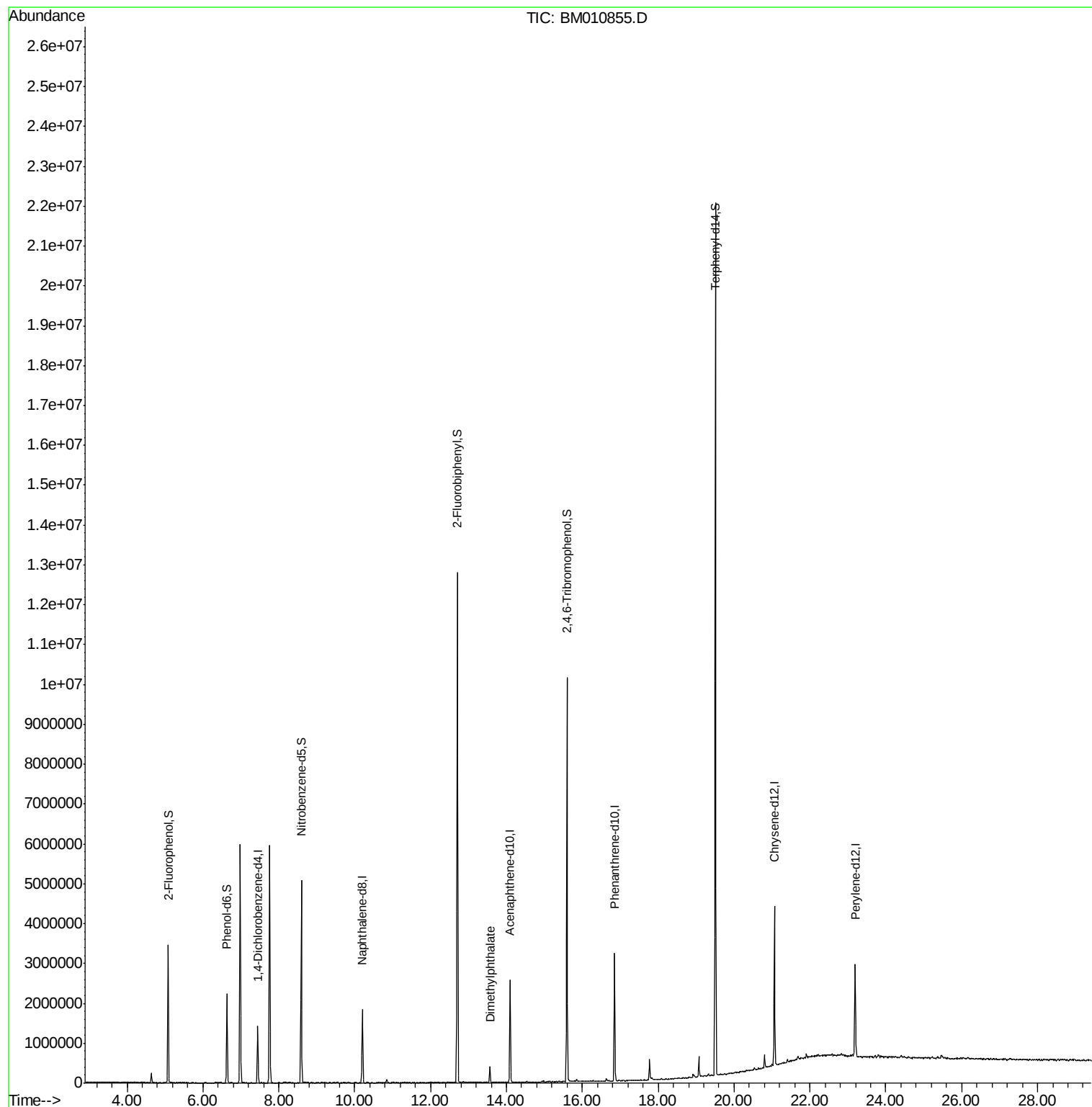
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.44  | 152  | 310657   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.20 | 136  | 1231371  | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.09 | 164  | 757612   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 16.84 | 188  | 1764062  | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.06 | 240  | 1861260  | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.19 | 264  | 1603579  | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.08  | 112  | 1115734  | 59.49  | ng    | 0.00     |
| 7) Phenol-d6                | 6.63  | 99   | 977730   | 37.82  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.59  | 82   | 2887466  | 90.13  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.60 | 330  | 1522940  | 131.54 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 12.71 | 172  | 5865783  | 96.32  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.51 | 244  | 8557615  | 88.93  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 13.56 | 163  | 210600   | 3.268  | ng    | 99       |

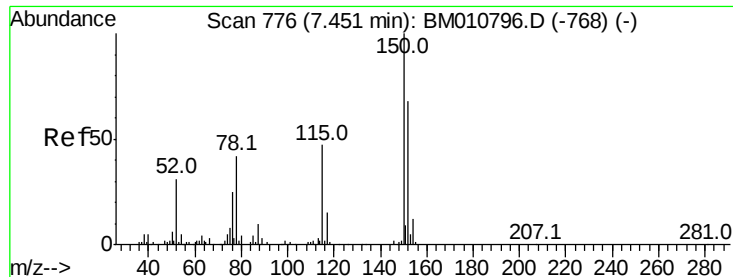
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



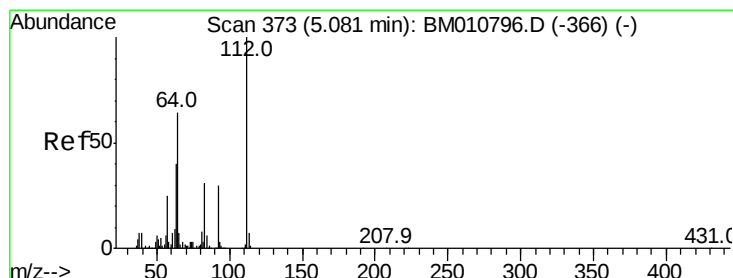
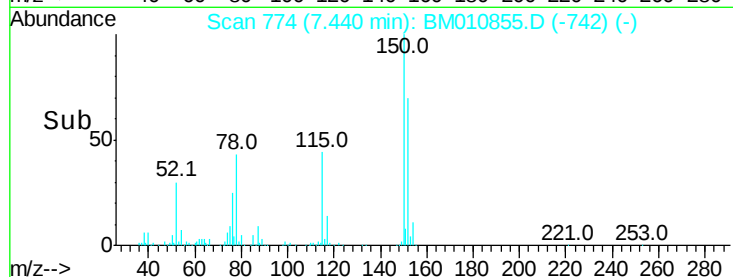
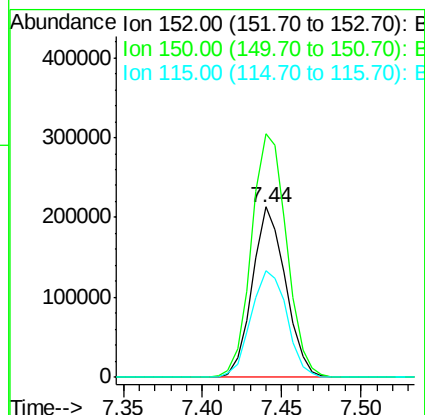
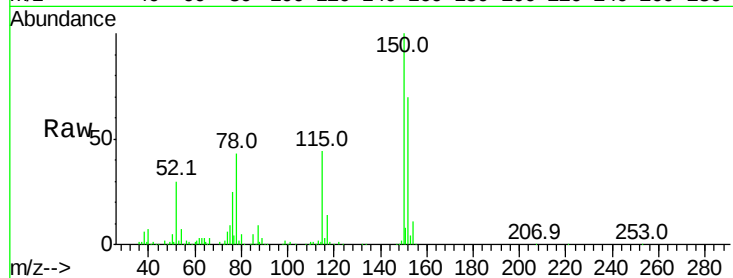


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.44 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: BM010855.D  
Acq: 18 Jul 2017 03:33

Instrument :  
BNA\_M  
ClientSampleId :  
3563-PP3

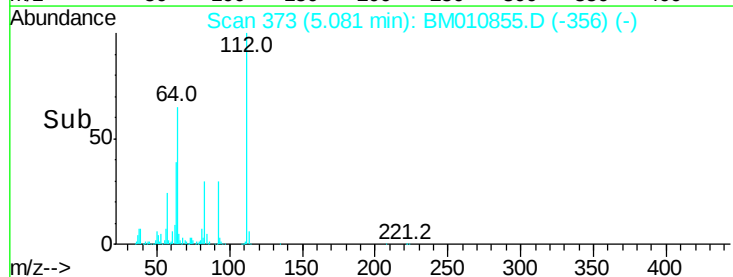
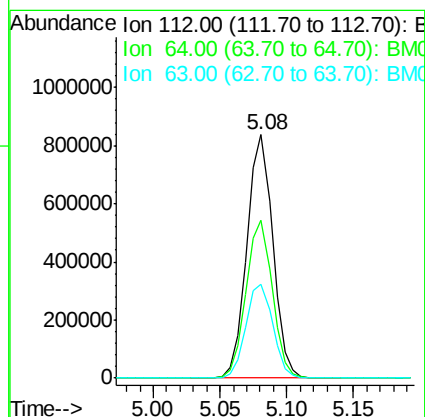
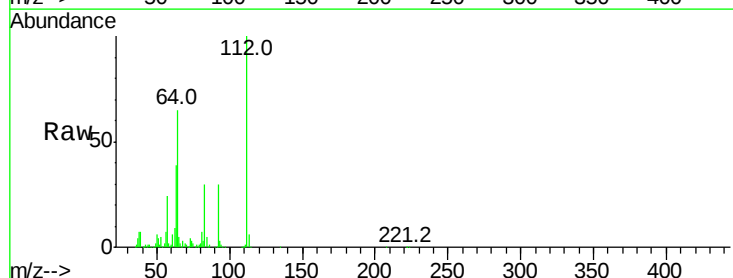
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 143.0 | 119.5 | 179.3 |
| 115     | 62.9  | 43.0  | 64.4  |

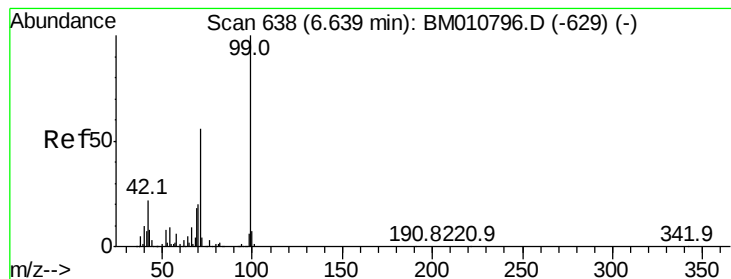


#5

2-Fluorophenol  
Concen: 59.493 ng  
RT: 5.08 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: BM010855.D  
Acq: 18 Jul 2017 03:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.7  | 38.6  | 57.8# |
| 63      | 38.8  | 19.3  | 28.9# |





#7

Phenol-d6

Concen: 37.817 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010855.D

Acq: 18 Jul 2017 03:33

Instrument :

BNA\_M

ClientSampleId :

3563-PP3

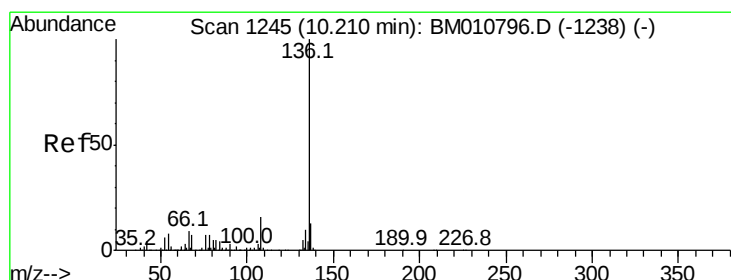
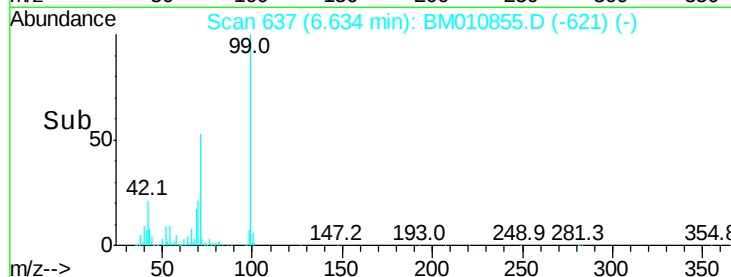
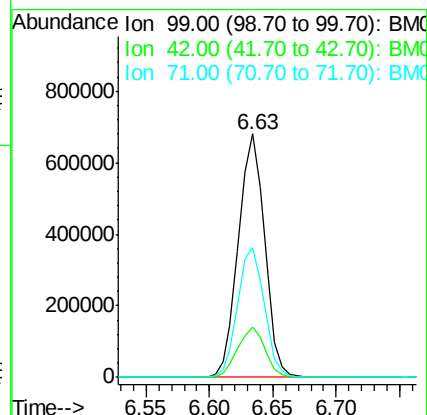
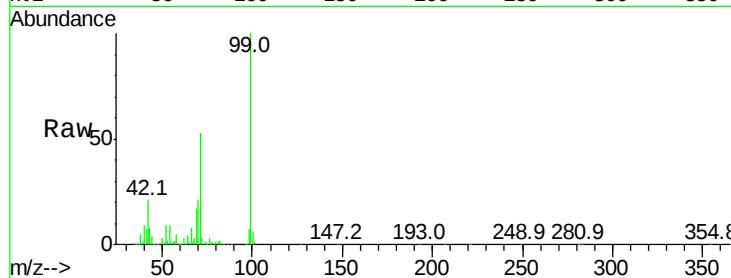
Tot Ion: 99 Resp: 977730

Ion Ratio Lower Upper

99 100

42 20.9 11.0 16.4#

71 53.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010855.D

Acq: 18 Jul 2017 03:33

Tgt Ion: 136 Resp: 1231371

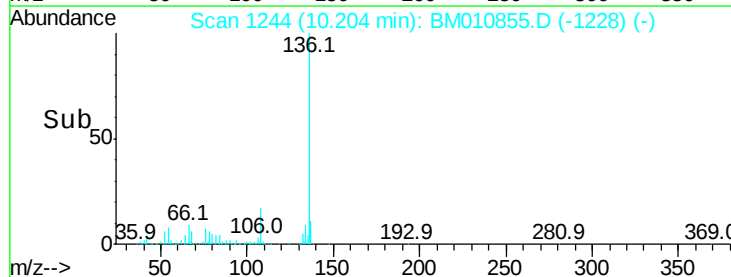
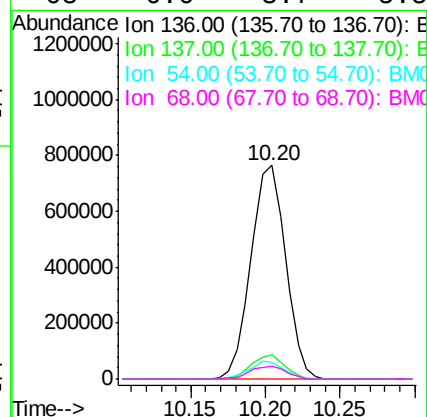
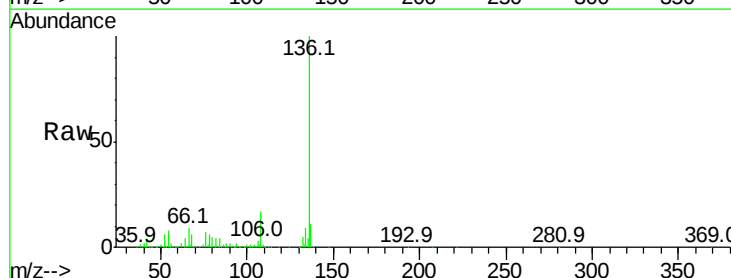
Ion Ratio Lower Upper

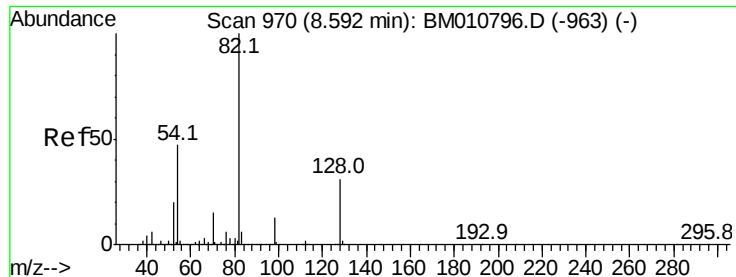
136 100

137 11.2 8.7 13.1

54 7.8 4.6 6.8#

68 6.0 3.7 5.5#

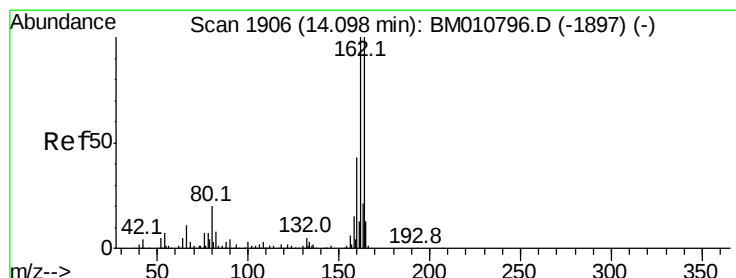
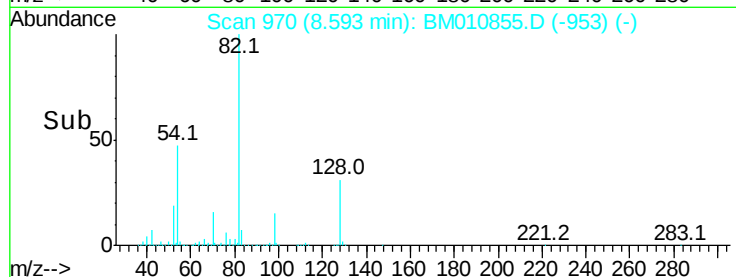
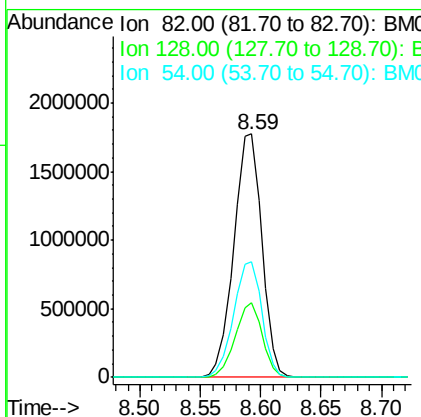
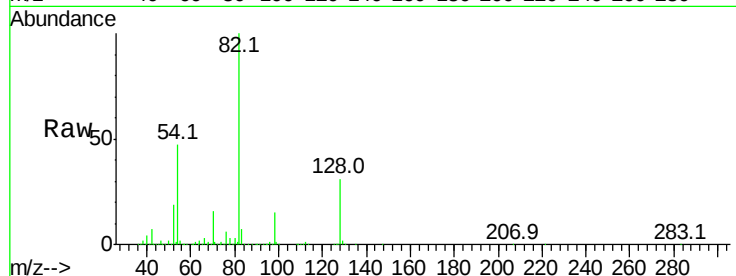




#23  
 Nitrobenzene-d5  
 Concen: 90.133 ng  
 RT: 8.59 min Scan# 970  
 Delta R.T. 0.00 min  
 Lab File: BM010855.D  
 Acq: 18 Jul 2017 03:33

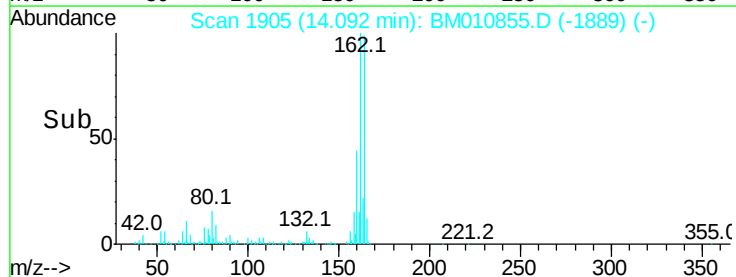
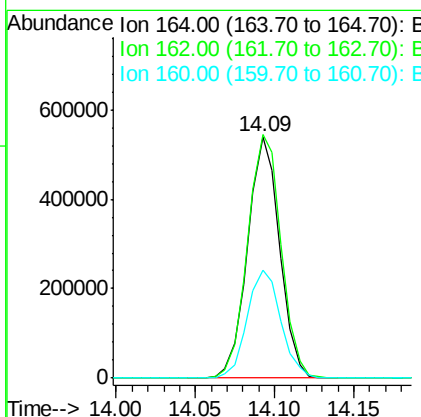
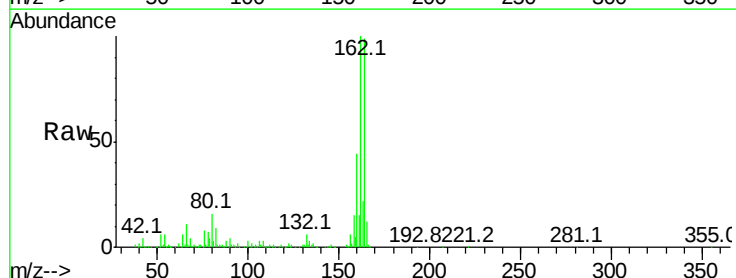
Instrument :  
 BNA\_M  
 ClientSampleId :  
 3563-PP3

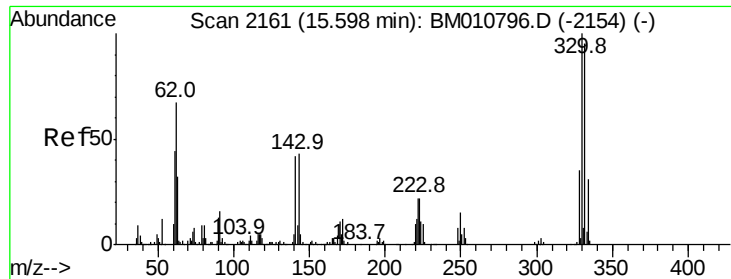
Tot Ion: 82 Resp: 2887466  
 Ion Ratio Lower Upper  
 82 100  
 128 30.5 32.8 49.2#  
 54 47.4 40.6 60.8



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.09 min Scan# 1905  
 Delta R.T. -0.01 min  
 Lab File: BM010855.D  
 Acq: 18 Jul 2017 03:33

Tgt Ion: 164 Resp: 757612  
 Ion Ratio Lower Upper  
 164 100  
 162 101.0 82.4 123.6  
 160 44.9 35.8 53.6

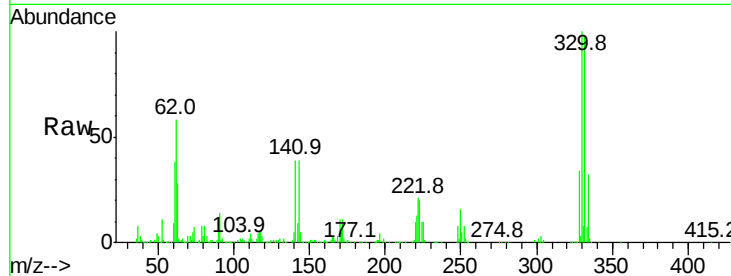




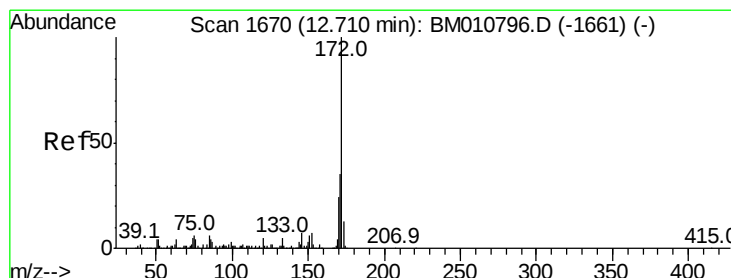
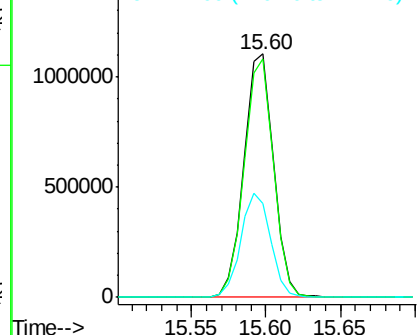
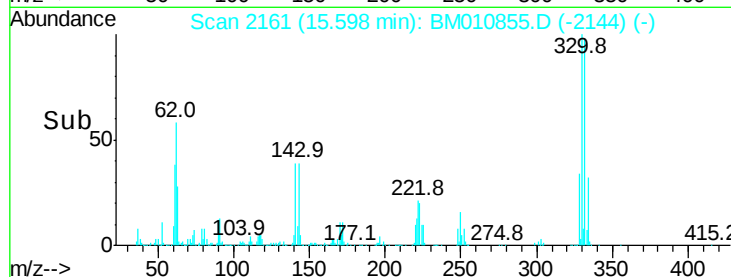
#41  
 2,4,6-Tribromophenol  
 Concen: 131.540 ng  
 RT: 15.60 min Scan# 2161  
 Delta R.T. 0.00 min  
 Lab File: BM010855.D  
 Acq: 18 Jul 2017 03:33

Instrument :  
 BNA\_M  
 ClientSampleId :  
 3563-PP3

Tot Ion:330 Resp: 1522940  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 0.0 0.0#  
 141 43.1 0.0 0.0#

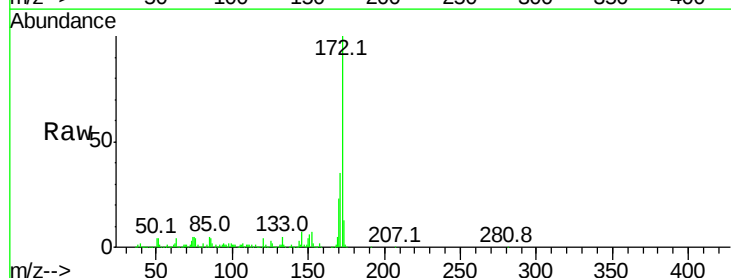


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

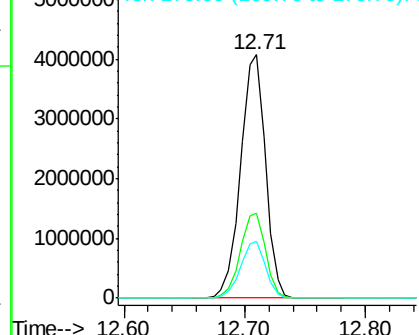
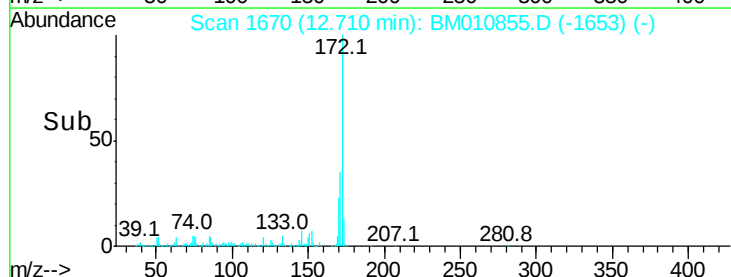


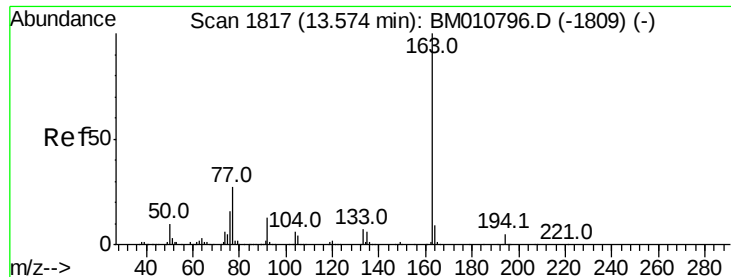
#44  
 2-Fluorobiphenyl  
 Concen: 96.318 ng  
 RT: 12.71 min Scan# 1670  
 Delta R.T. 0.00 min  
 Lab File: BM010855.D  
 Acq: 18 Jul 2017 03:33

Tgt Ion:172 Resp: 5865783  
 Ion Ratio Lower Upper  
 172 100  
 171 34.8 28.5 42.7  
 170 23.3 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.268 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM010855.D

Acq: 18 Jul 2017 03:33

Instrument :

BNA\_M

ClientSampleId :

3563-PP3

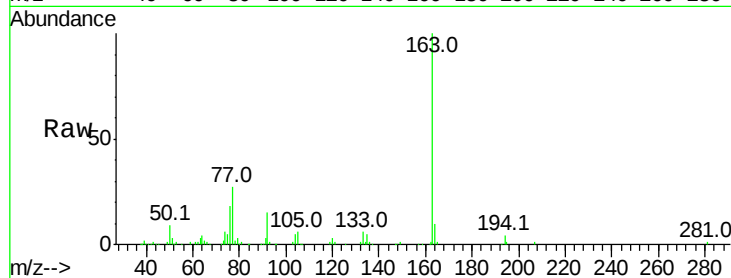
Tot Ion:163 Resp: 210600

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

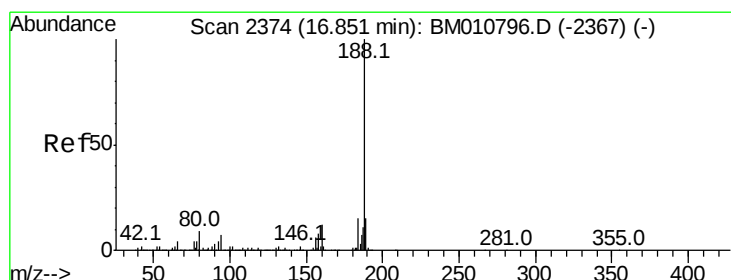
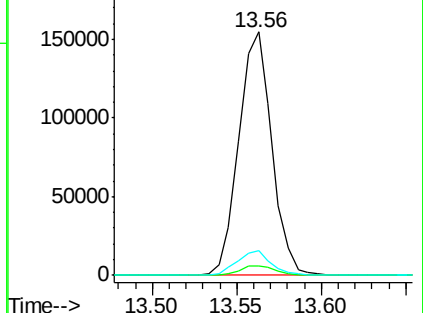
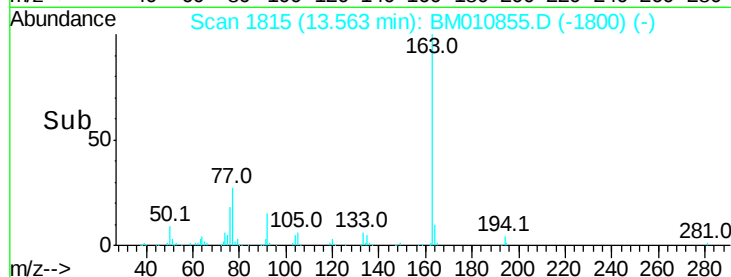
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010855.D

Acq: 18 Jul 2017 03:33

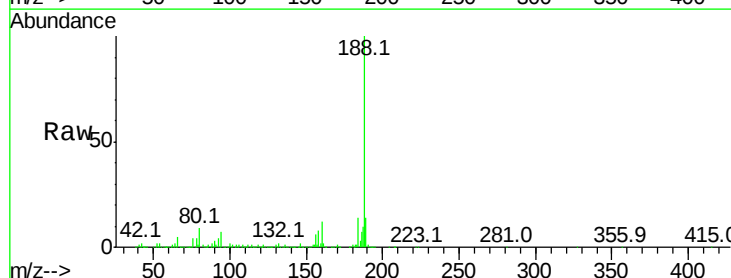
Tgt Ion:188 Resp: 1764062

Ion Ratio Lower Upper

188 100

94 6.6 8.7 13.1#

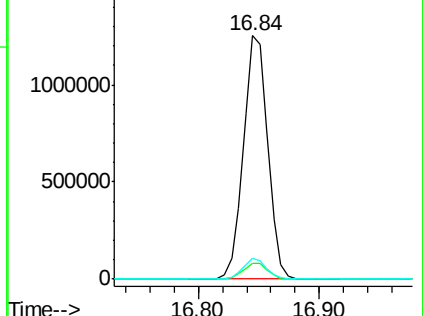
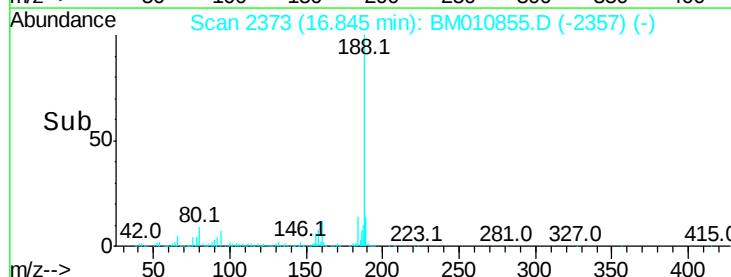
80 8.5 9.3 13.9#

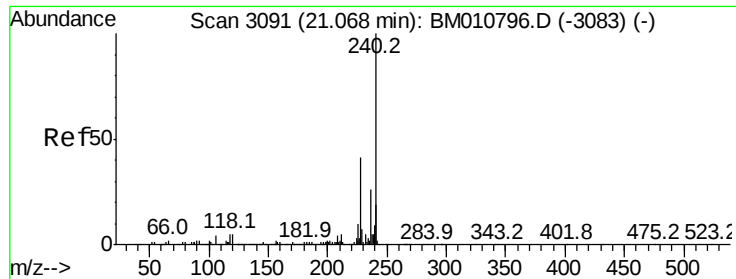


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010855.D

Acq: 18 Jul 2017 03:33

Instrument :

BNA\_M

ClientSampleId :

3563-PP3

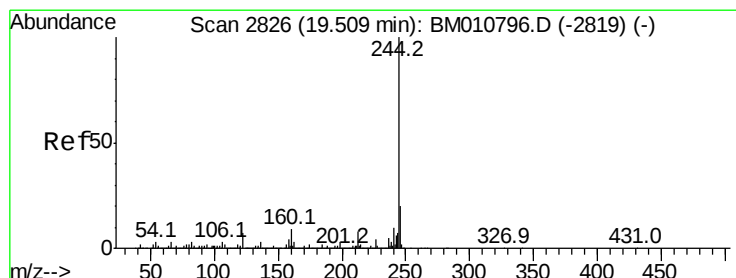
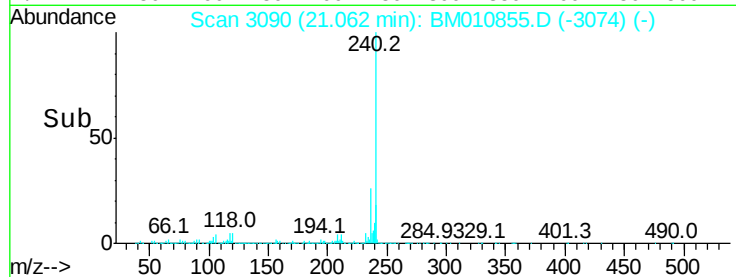
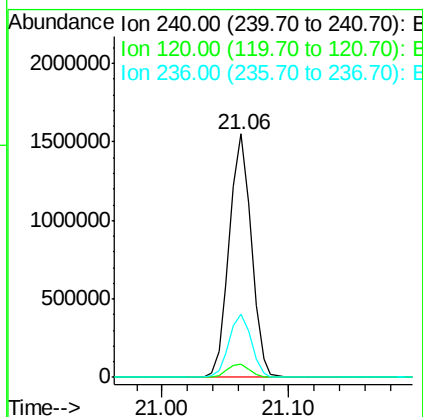
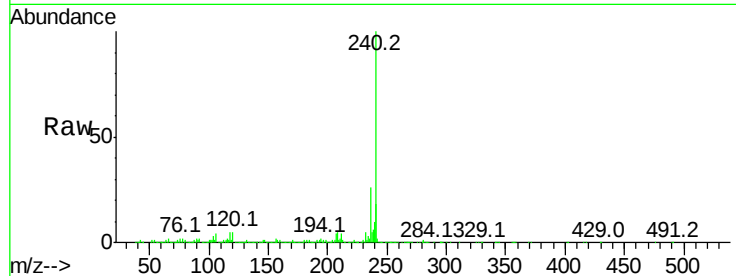
Tot Ion:240 Resp: 1861260

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 5.3   | 8.2   | 12.2# |
| 236 | 26.2  | 20.0  | 30.0  |

240 100

120 5.3 8.2 12.2#

236 26.2 20.0 30.0



#78

Terphenyl-d14

Concen: 88.925 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010855.D

Acq: 18 Jul 2017 03:33

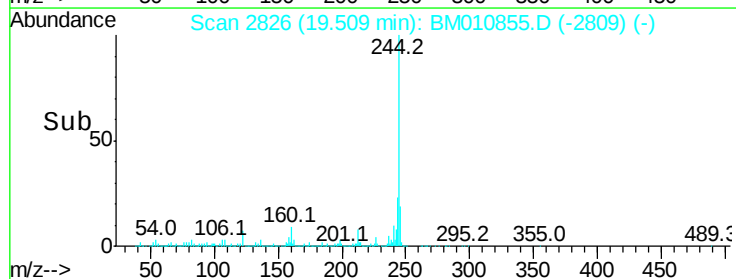
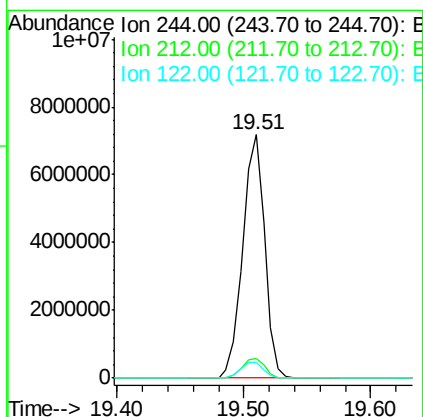
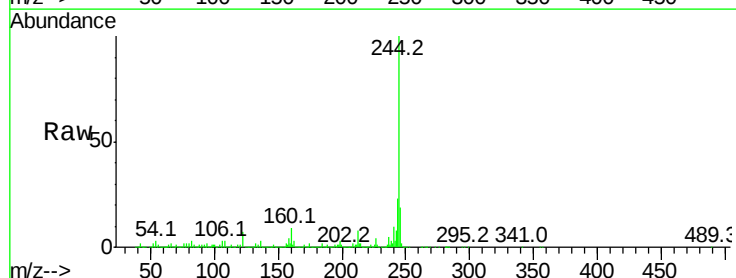
Tgt Ion:244 Resp: 8557615

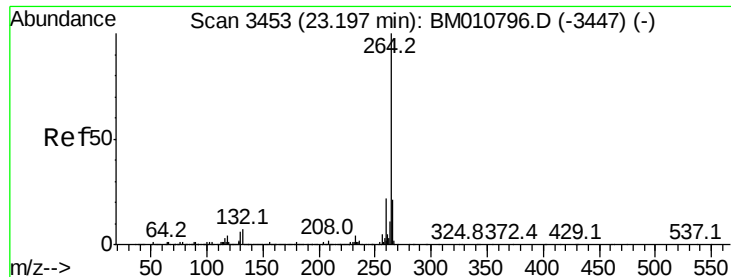
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.2   | 4.9   | 7.3#  |
| 122 | 6.6   | 6.2   | 9.4   |

244 100

212 8.2 4.9 7.3#

122 6.6 6.2 9.4





#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.19 min Scan# 3452  
 Delta R.T. -0.01 min  
 Lab File: BM010855.D  
 Acq: 18 Jul 2017 03:33

Instrument :  
 BNA\_M  
 ClientSampleId :  
 3563-PP3

Tot Ion:264 Resp: 1603579  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 18.6  | 27.8  |
| 265 | 22.7  | 17.3  | 25.9  |

