

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM022619\  
 Data File : BM018936.D  
 Acq On : 26 Feb 2019 19:11  
 Operator : JU/SJ  
 Sample : K1610-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WV-B

Quant Time: Feb 27 00:03:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 11 16:02:12 2019  
 Response via : Initial Calibration

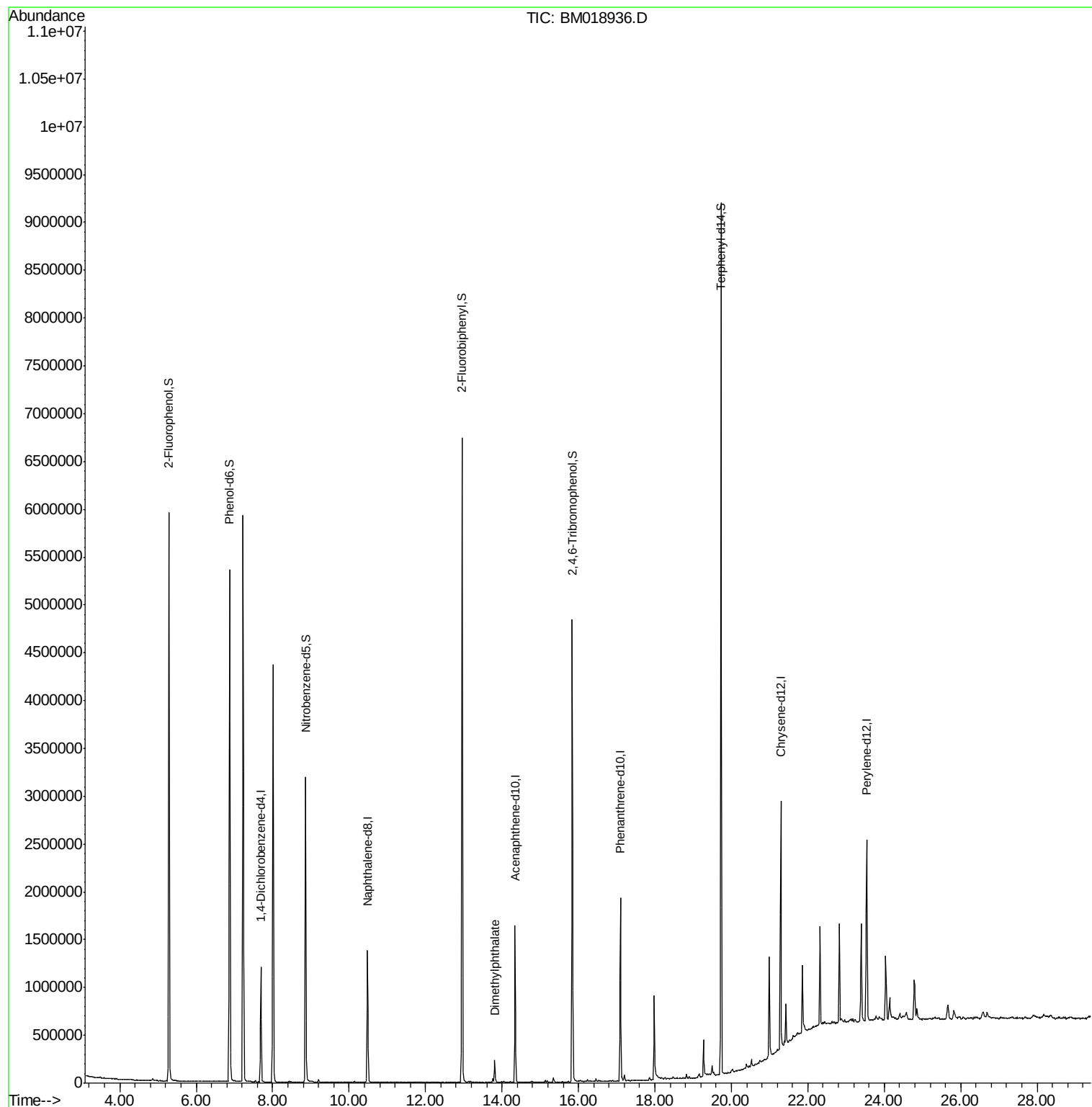
| Internal Standards          | R.T.  | QIon | Response | Conc      | Units    | Dev(Min) |
|-----------------------------|-------|------|----------|-----------|----------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.69  | 152  | 301238   | 20.00     | ng       | -0.02    |
| 21) Naphthalene-d8          | 10.48 | 136  | 1097956  | 20.00     | ng       | -0.02    |
| 39) Acenaphthene-d10        | 14.35 | 164  | 519839   | 20.00     | ng       | -0.02    |
| 64) Phenanthrene-d10        | 17.10 | 188  | 1023241  | 20.00     | ng       | -0.02    |
| 76) Chrysene-d12            | 21.29 | 240  | 1127544  | 20.00     | ng       | -0.02    |
| 87) Perylene-d12            | 23.54 | 264  | 1312334  | 20.00     | ng       | -0.03    |
| System Monitoring Compounds |       |      |          |           |          |          |
| 5) 2-Fluorophenol           | 5.29  | 112  | 2334569  | 126.98    | ng       | -0.02    |
| 7) Phenol-d6                | 6.87  | 99   | 3099602  | 119.67    | ng       | -0.01    |
| 23) Nitrobenzene-d5         | 8.86  | 82   | 2001626  | 84.30     | ng       | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.84 | 330  | 836837   | 111.68    | ng       | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.96 | 172  | 3322180  | 84.84     | ng       | -0.02    |
| 79) Terphenyl-d14           | 19.73 | 244  | 3877961  | 70.95     | ng       | -0.02    |
| Target Compounds            |       |      |          |           |          |          |
| 9) Benzaldehyde             | 6.87  | 77   | 7129     | Below Cal | Qvalue # | 17       |
| 50) Dimethylphthalate       | 13.80 | 163  | 152627   | 3.523 ng  |          | 99       |

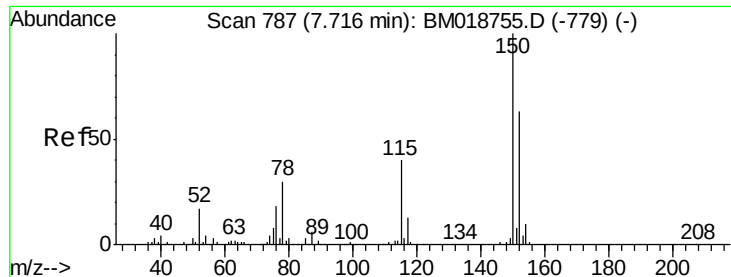
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : K1610-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WV-B

Quant Time: Feb 27 00:03:58 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM021119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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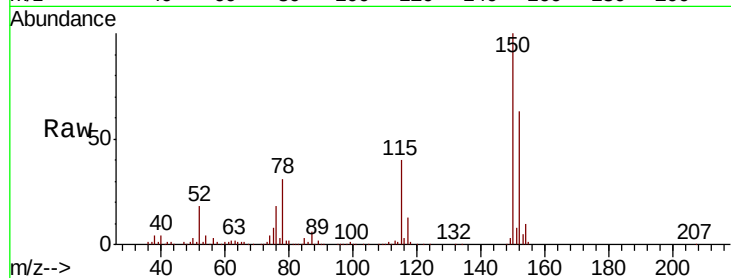


#1

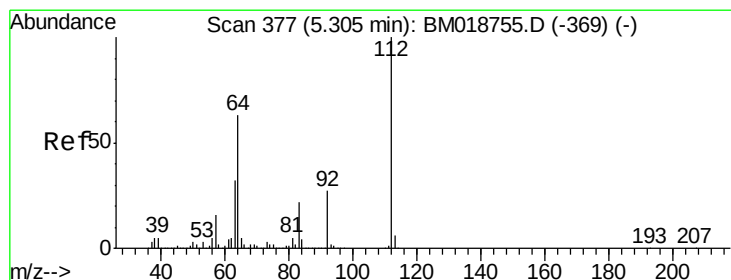
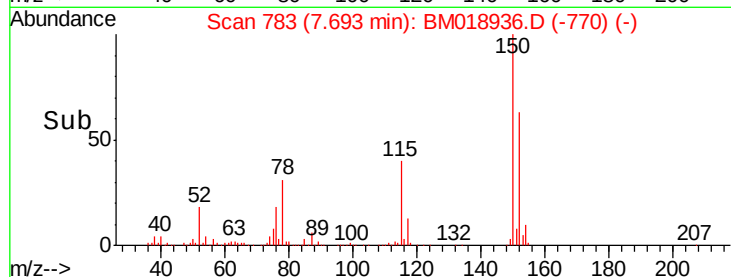
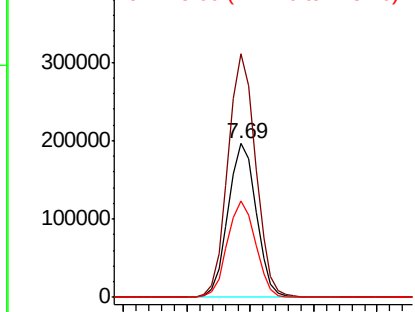
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.69 min Scan# 783  
Delta R.T. -0.02 min  
Lab File: BM018936.D  
Acq: 26 Feb 2019 19:11

Instrument :  
BNA\_M  
ClientSampleId :  
WV-B

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.4 | 127.3 | 190.9 |
| 115     | 62.7  | 50.8  | 76.2  |



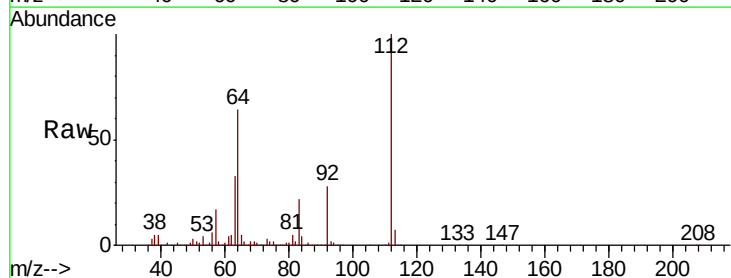
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



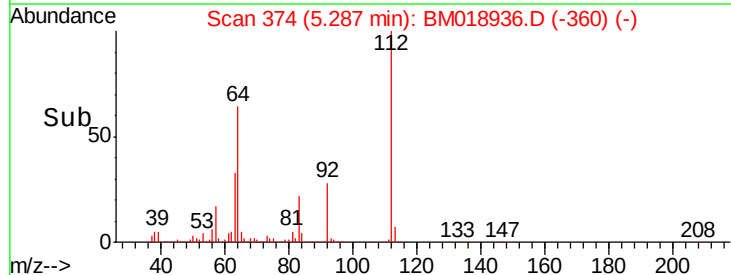
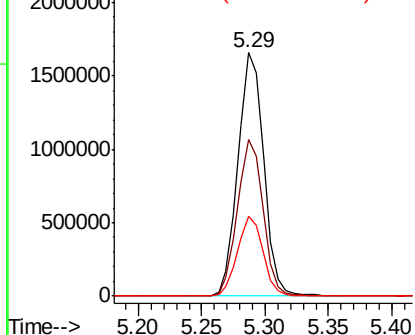
#5

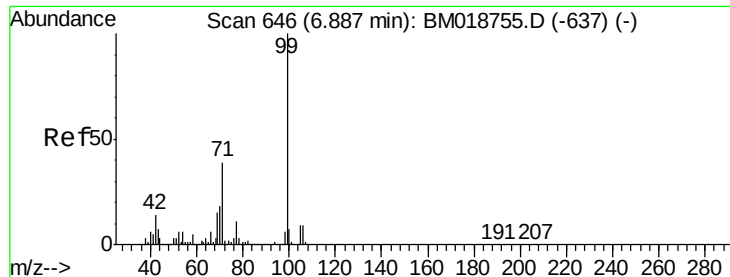
2-Fluorophenol  
Concen: 126.980 ng  
RT: 5.29 min Scan# 374  
Delta R.T. -0.02 min  
Lab File: BM018936.D  
Acq: 26 Feb 2019 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.4  | 50.6  | 75.8  |
| 63      | 32.8  | 25.7  | 38.5  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 119.674 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018936.D

Acq: 26 Feb 2019 19:11

Instrument :

BNA\_M

ClientSampled :

WV-B

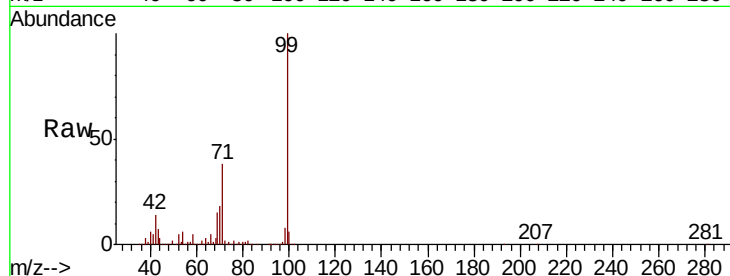
Tgt Ion: 99 Resp: 3099602

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.6

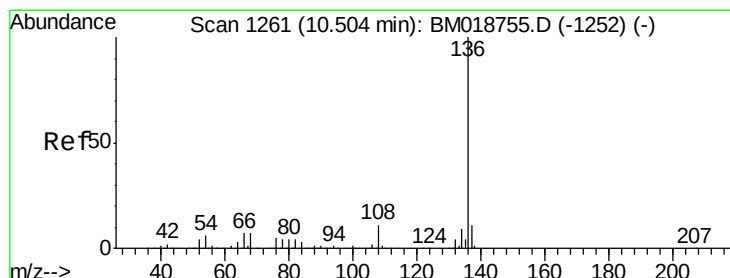
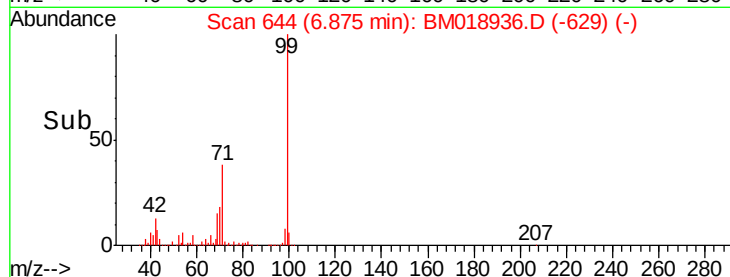
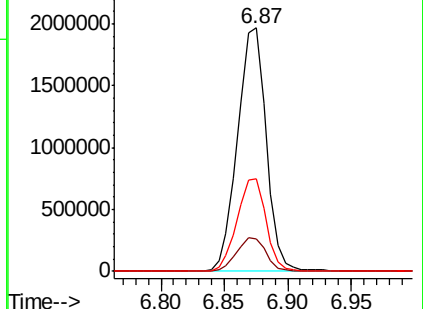
71 38.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BM018936.D

Acq: 26 Feb 2019 19:11

Tgt Ion: 136 Resp: 1097956

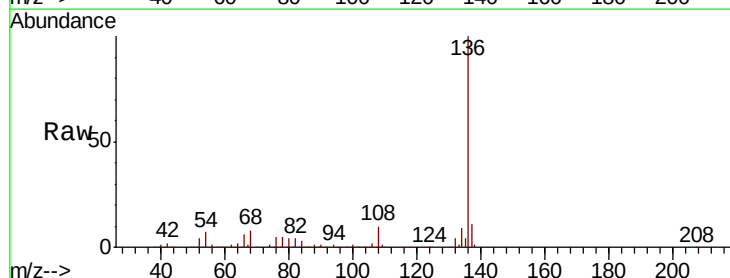
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.8 5.0 7.6

68 7.5 5.5 8.3

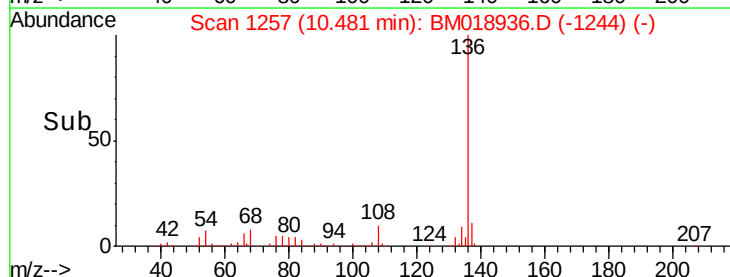
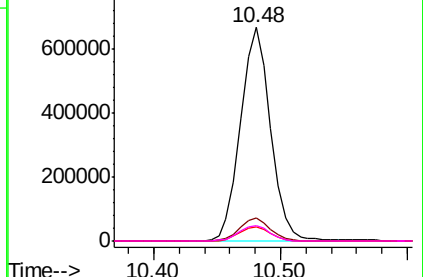


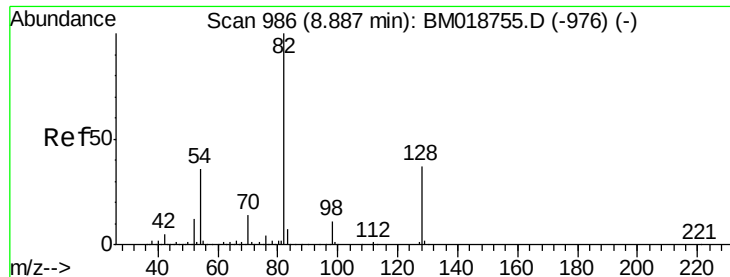
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

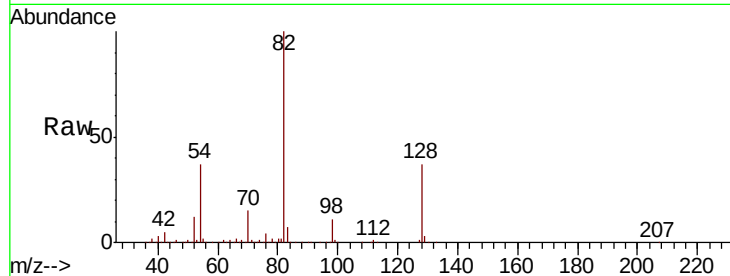




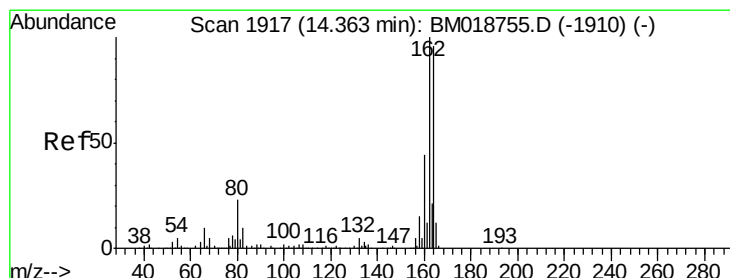
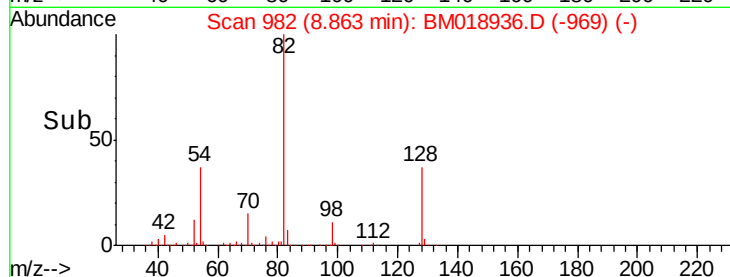
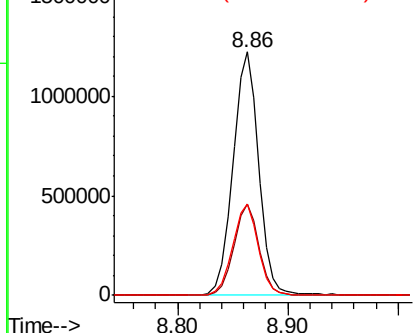
#23  
Nitrobenzene-d5  
Concen: 84.295 ng  
RT: 8.86 min Scan# 982  
Delta R.T. -0.02 min  
Lab File: BM018936.D  
Acq: 26 Feb 2019 19:11

Instrument :  
BNA\_M  
ClientSampleId :  
WV-B

Tgt Ion: 82 Resp: 2001626  
Ion Ratio Lower Upper  
82 100  
128 37.3 29.9 44.9  
54 37.3 29.1 43.7

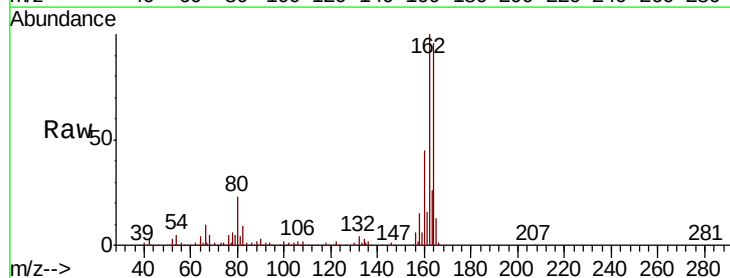


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)  
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)  
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

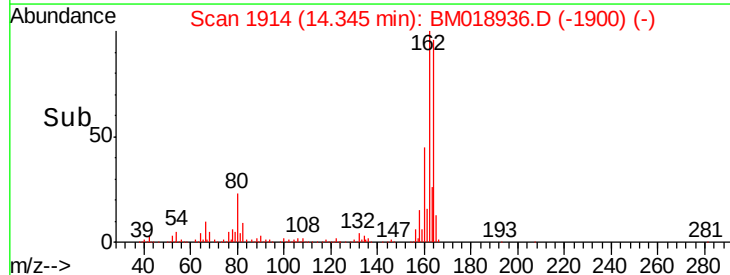
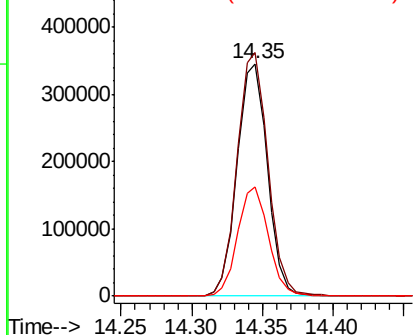


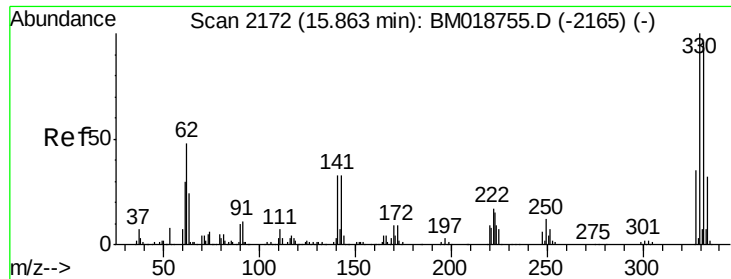
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.35 min Scan# 1914  
Delta R.T. -0.02 min  
Lab File: BM018936.D  
Acq: 26 Feb 2019 19:11

Tgt Ion: 164 Resp: 519839  
Ion Ratio Lower Upper  
164 100  
162 104.7 83.4 125.0  
160 46.9 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)  
Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)  
Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

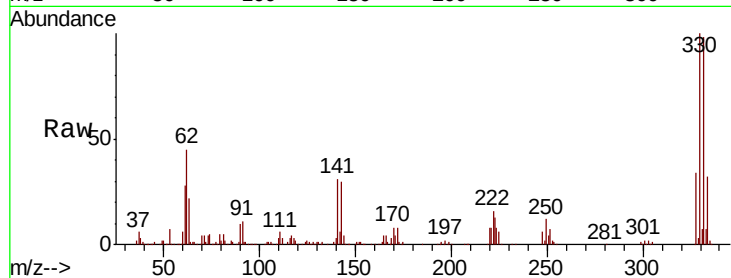




#42  
 2,4,6-Tribromophenol  
 Concen: 111.678 ng  
 RT: 15.84 min Scan# 2169  
 Delta R.T. -0.02 min  
 Lab File: BM018936.D  
 Acq: 26 Feb 2019 19:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WV-B

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.2  | 76.9  | 115.3 |
| 141     | 35.0  | 28.7  | 43.1  |

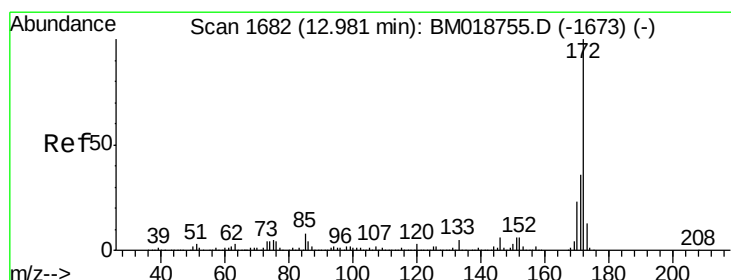
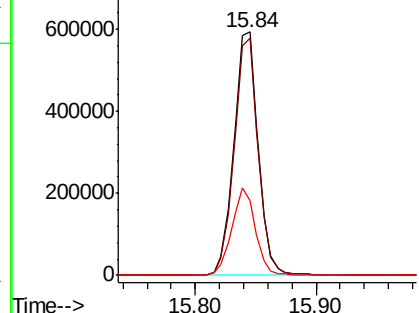
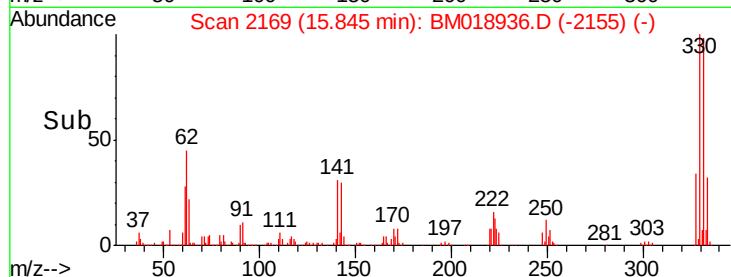


Abundance

Ion 329.80 (329.50 to 330.50): E

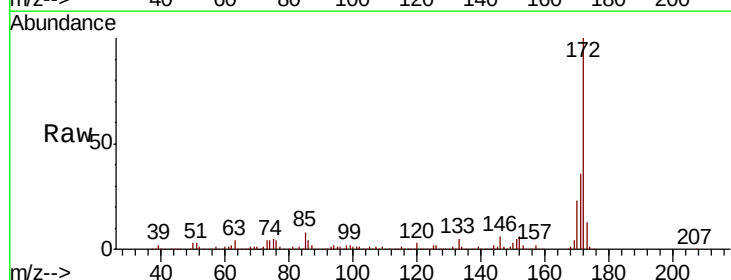
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 84.836 ng  
 RT: 12.96 min Scan# 1678  
 Delta R.T. -0.02 min  
 Lab File: BM018936.D  
 Acq: 26 Feb 2019 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.6  | 29.0  | 43.6  |
| 170     | 23.5  | 18.6  | 28.0  |

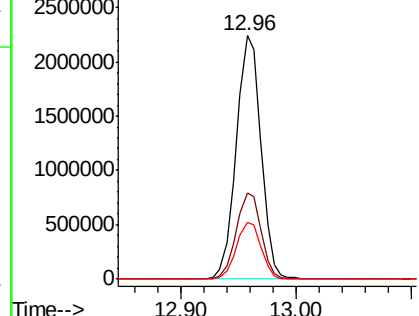
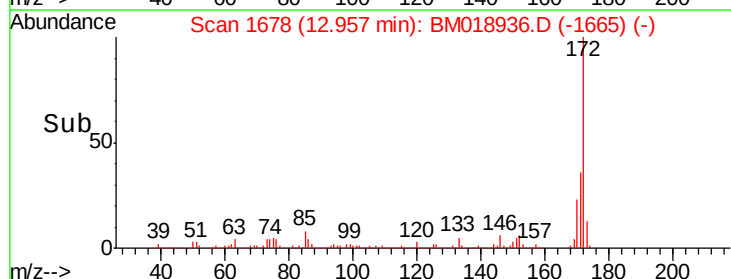


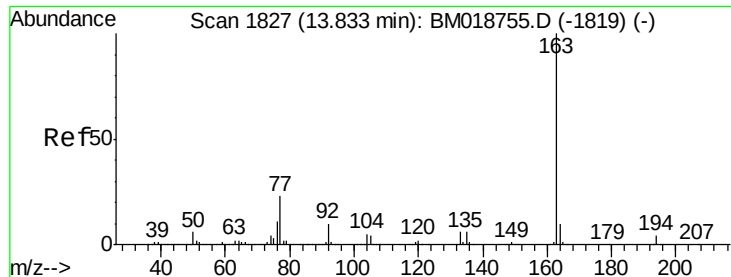
Abundance

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

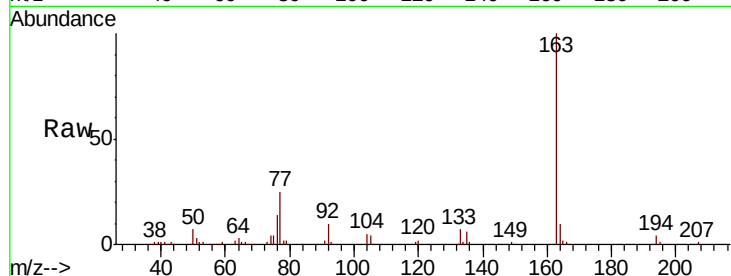




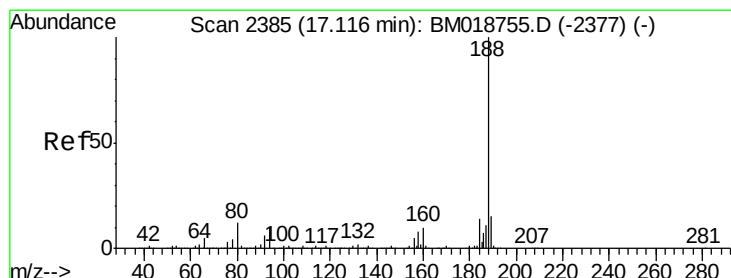
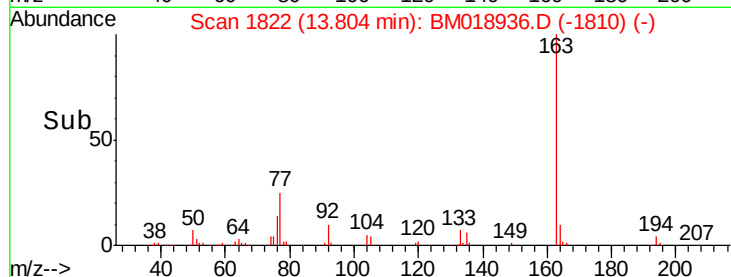
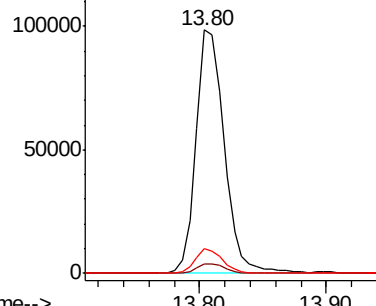
#50  
Dimethylphthalate  
Concen: 3.523 ng  
RT: 13.80 min Scan# 1822  
Delta R.T. -0.03 min  
Lab File: BM018936.D  
Acq: 26 Feb 2019 19:11

Instrument :  
BNA\_M  
ClientSampled :  
WV-B

Tgt Ion:163 Resp: 152627  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.2 4.8  
164 10.2 7.8 11.8

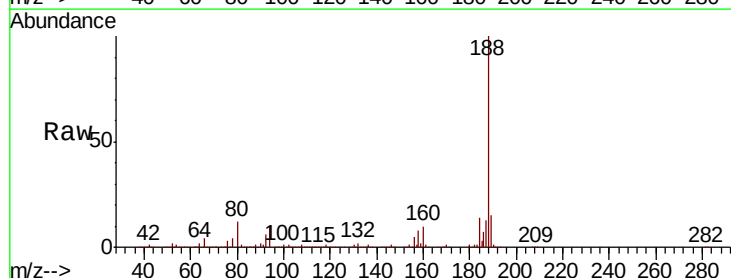


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

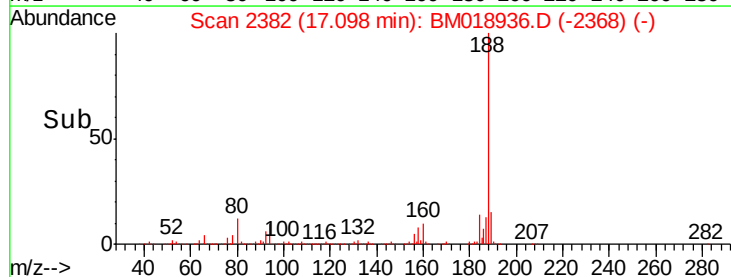
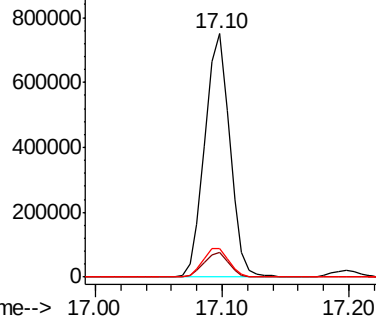


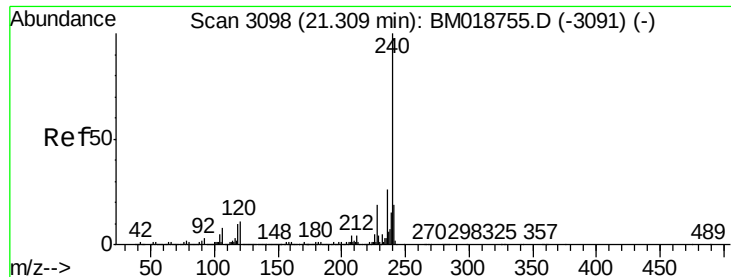
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.10 min Scan# 2382  
Delta R.T. -0.02 min  
Lab File: BM018936.D  
Acq: 26 Feb 2019 19:11

Tgt Ion:188 Resp: 1023241  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.2 12.2  
80 11.6 9.7 14.5



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

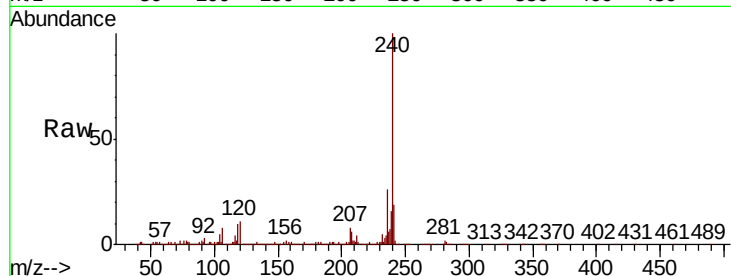




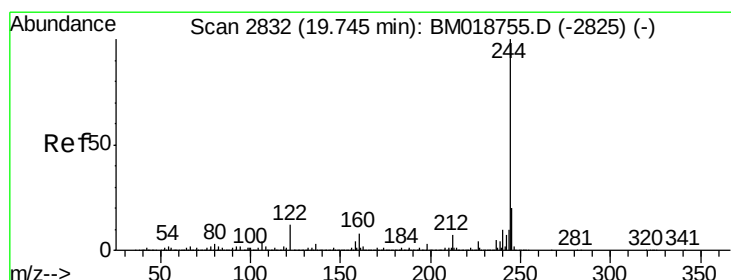
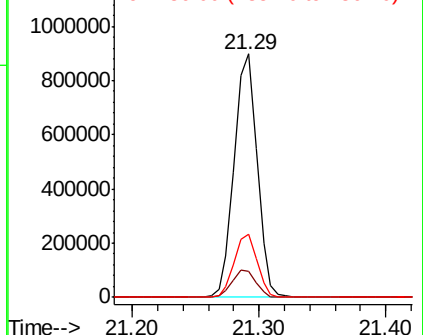
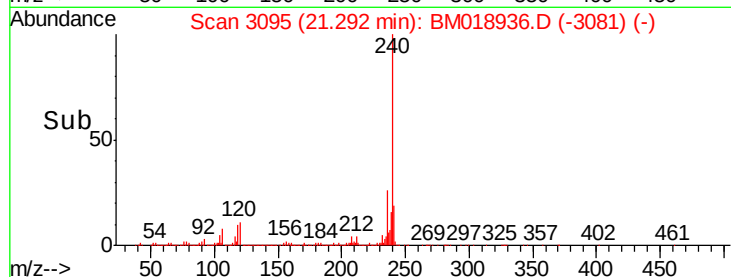
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.29 min Scan# 3095  
Delta R.T. -0.02 min  
Lab File: BM018936.D  
Acq: 26 Feb 2019 19:11

Instrument :  
BNA\_M  
ClientSampleId :  
WV-B

Tgt Ion:240 Resp: 1127544  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.9 13.3  
236 25.8 20.9 31.3

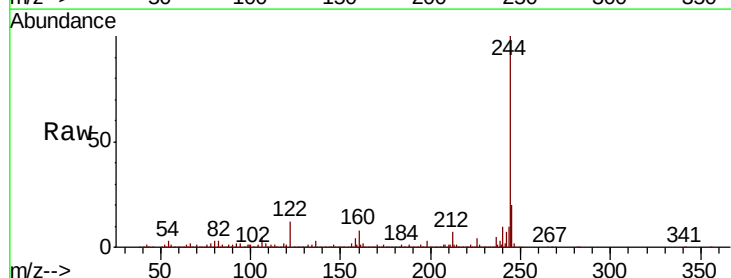


Abundance Ion 240.00 (239.70 to 240.70): E  
1200000 Ion 120.00 (119.70 to 120.70): E  
1000000 Ion 236.00 (235.70 to 236.70): E

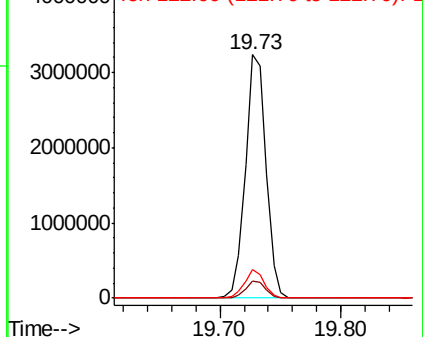
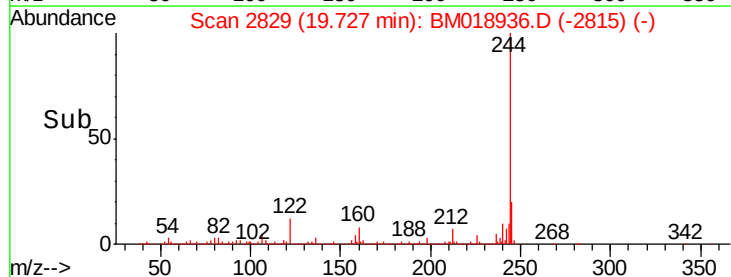


#79  
Terphenyl-d14  
Concen: 70.949 ng  
RT: 19.73 min Scan# 2829  
Delta R.T. -0.02 min  
Lab File: BM018936.D  
Acq: 26 Feb 2019 19:11

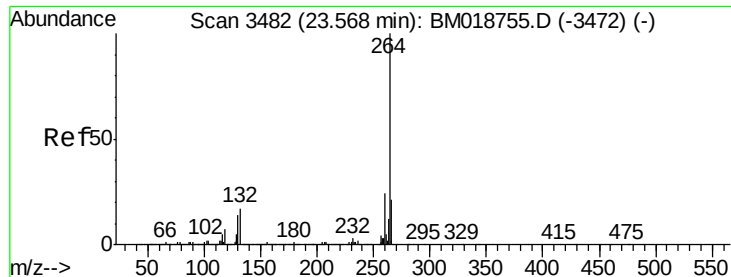
Tgt Ion:244 Resp: 3877961  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.6 8.4  
122 11.6 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E  
4000000 Ion 212.00 (211.70 to 212.70): E  
3000000 Ion 122.00 (121.70 to 122.70): E







#87

Perylene-d12

Concen: 20.000 ng

RT: 23.54 min Scan# 3477

Delta R.T. -0.03 min

Lab File: BM018936.D

Acq: 26 Feb 2019 19:11

Instrument :

BNA\_M

ClientSampleId :

WV-B

Tgt Ion: 264 Resp: 1312334

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.2 17.3 25.9

