

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\  
 Data File : BM018849.D  
 Acq On : 18 Feb 2019 21:35  
 Operator : JU/SJ  
 Sample : K1513-06  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 INNER-WALL

Quant Time: Feb 19 01:40:24 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   | 7.70  | 152  | 307975   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.49 | 136  | 1216268  | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.35 | 164  | 642960   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.10 | 188  | 1352696  | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.30 | 240  | 990793   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 23.55 | 264  | 946969   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.30  | 112  | 2690792  | 143.15 | ng    | 0.00     |
| 7) Phenol-d6                | 6.88  | 99   | 3282989  | 123.98 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.87  | 82   | 2662041  | 101.20 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.85 | 330  | 1307485  | 141.07 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.97 | 172  | 4757192  | 98.22  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.74 | 244  | 6434563  | 133.97 | ng    | 0.00     |

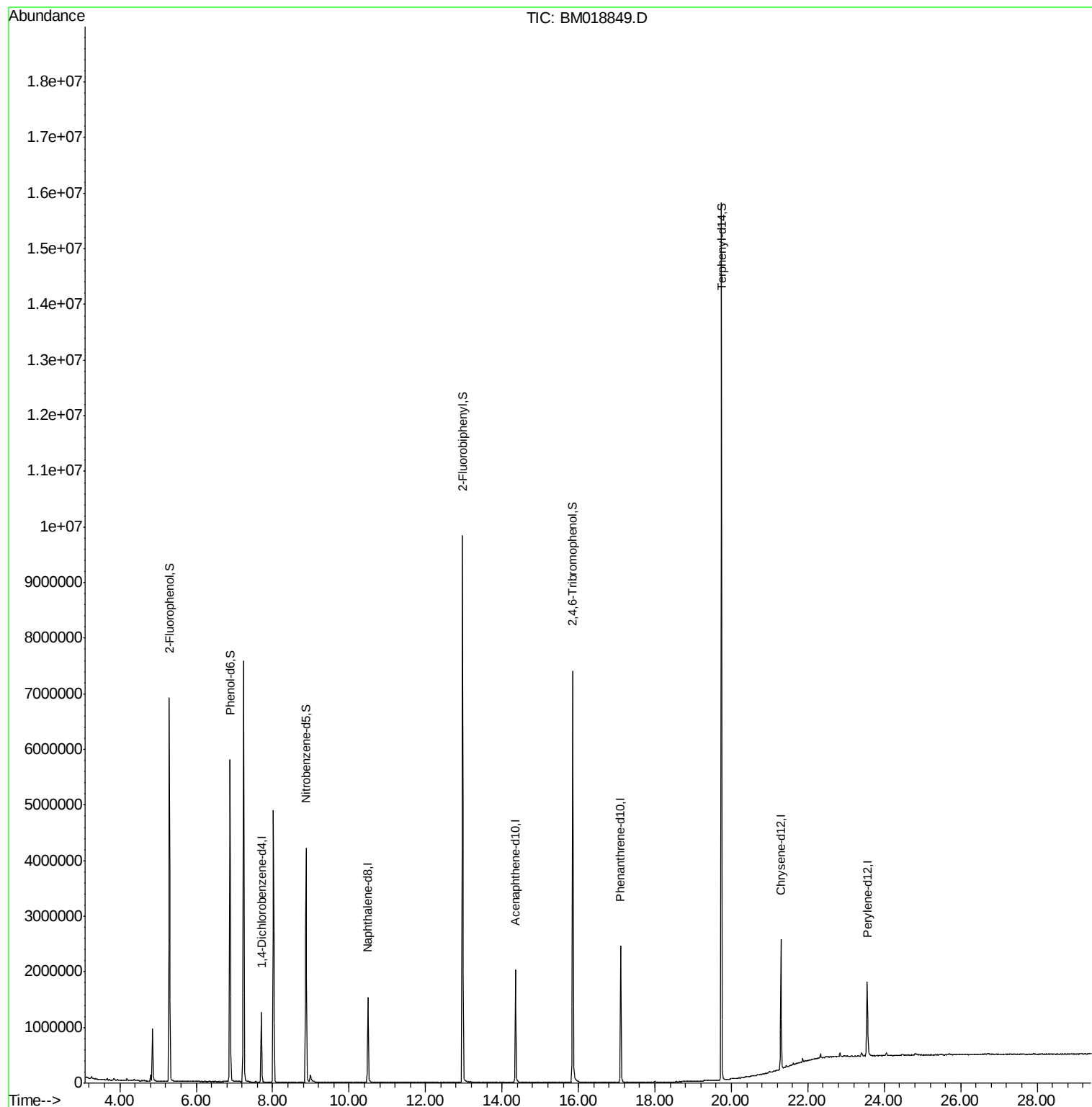
Target Compounds Qvalue

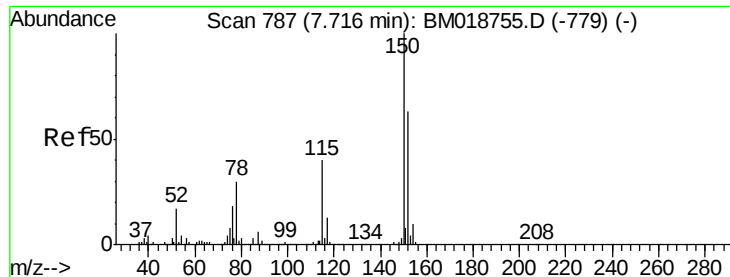
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\  
Data File : BM018849.D  
Acq On : 18 Feb 2019 21:35  
Operator : JU/SJ  
Sample : K1513-06  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
INNER-WALL

Quant Time: Feb 19 01:40:24 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



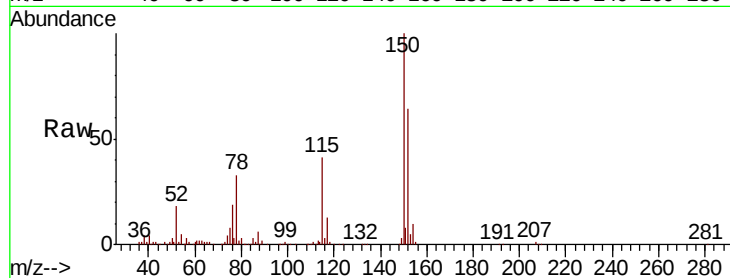


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.70 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BM018849.D  
Acq: 18 Feb 2019 21:35

Instrument :  
BNA\_M  
ClientSampleId :  
INNER-WALL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.5 | 127.3 | 190.9 |
| 115     | 64.2  | 50.8  | 76.2  |

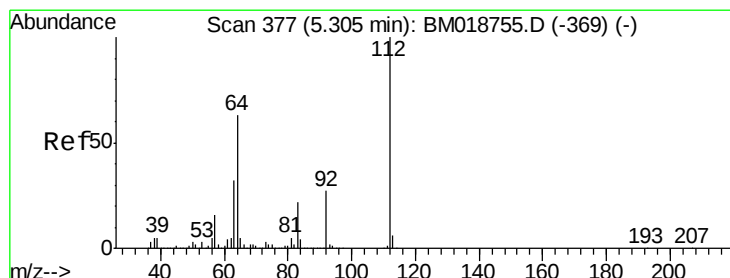
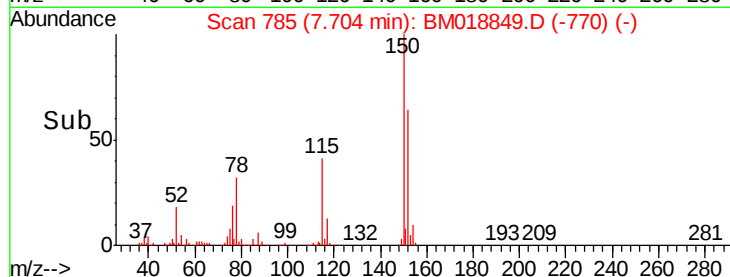
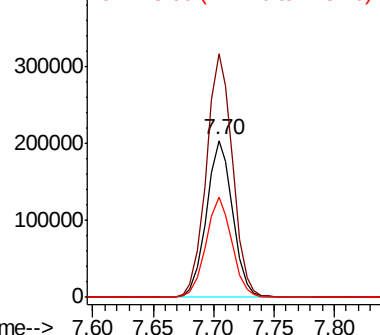


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

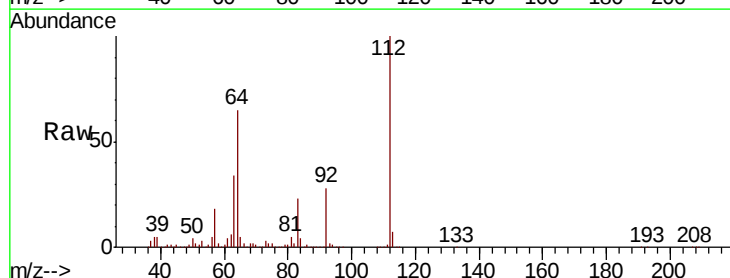
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 143.154 ng  
RT: 5.30 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: BM018849.D  
Acq: 18 Feb 2019 21:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 65.4  | 50.6  | 75.8  |
| 63      | 33.9  | 25.7  | 38.5  |

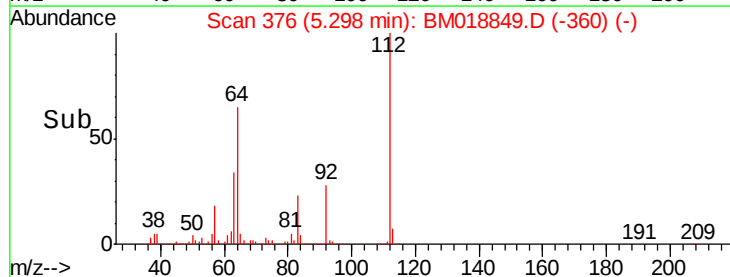
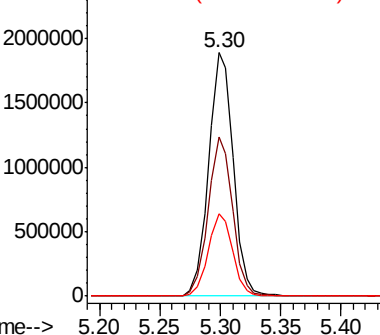


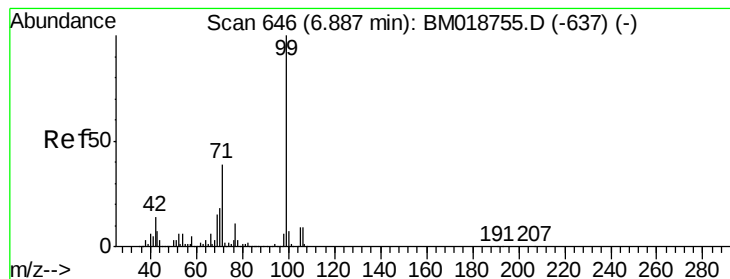
Abundance

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: 123.982 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018849.D

Acq: 18 Feb 2019 21:35

Instrument :

BNA\_M

ClientSampled :

INNER-WALL

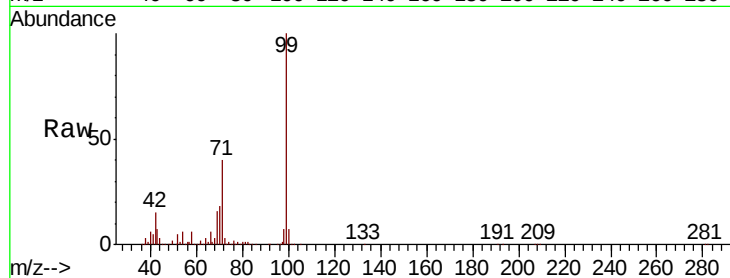
Tot Ion: 99 Resp: 3282989

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.6

71 40.2 31.3 46.9

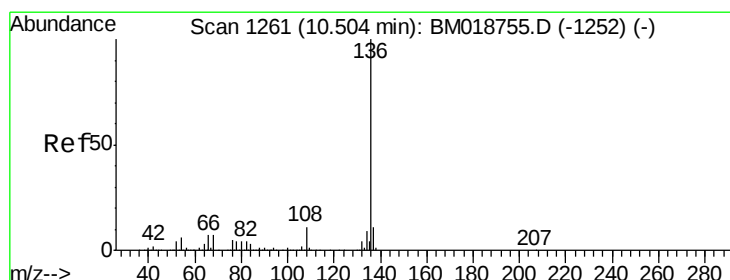
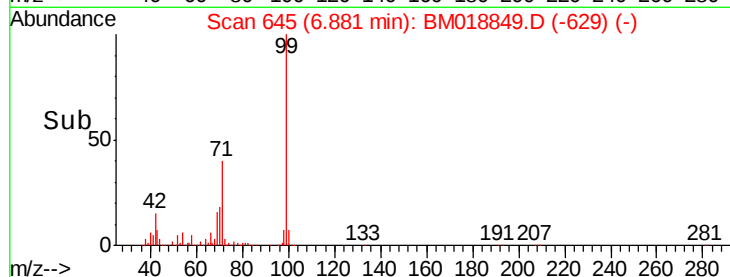


Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

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

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018849.D

Acq: 18 Feb 2019 21:35

Tgt Ion: 136 Resp: 1216268

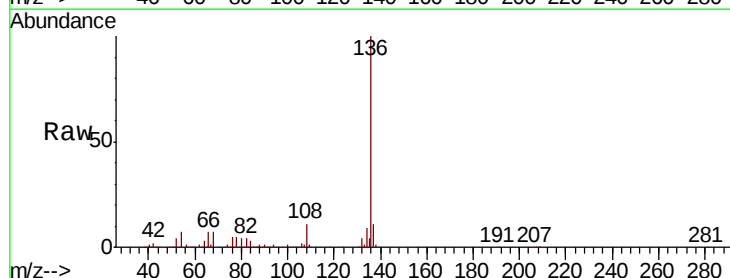
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.1 5.0 7.6

68 7.2 5.5 8.3



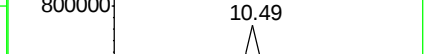
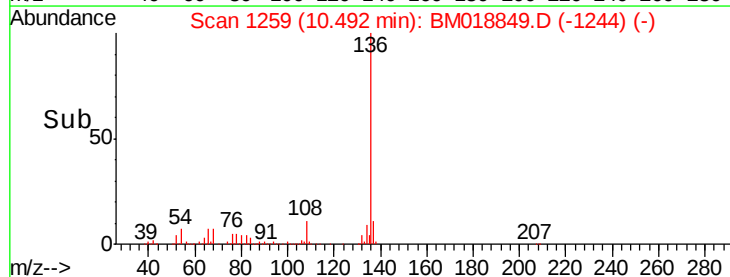
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

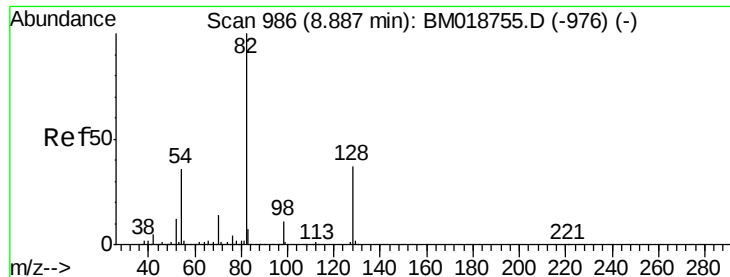
Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

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

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

Time-->

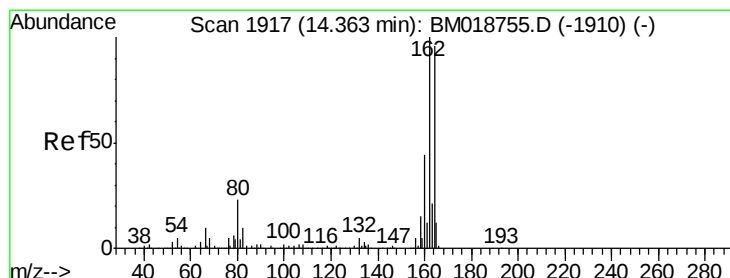
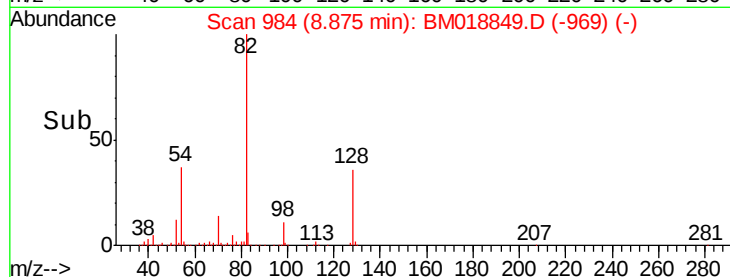
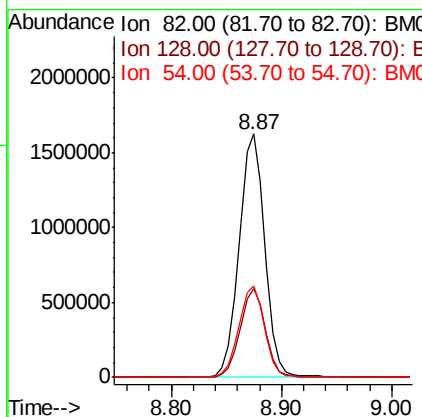
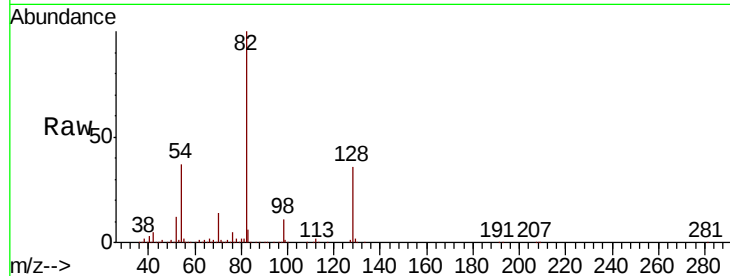




#23  
 Nitrobenzene-d5  
 Concen: 101.202 ng  
 RT: 8.87 min Scan# 984  
 Delta R.T. -0.01 min  
 Lab File: BM018849.D  
 Acq: 18 Feb 2019 21:35

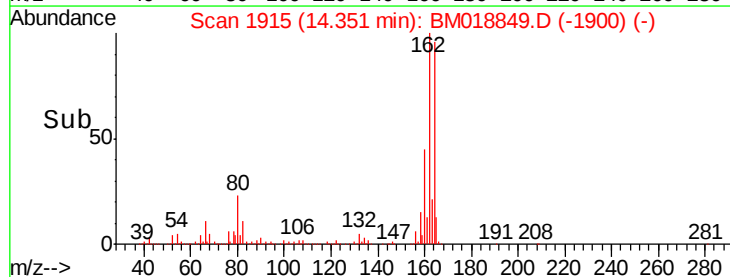
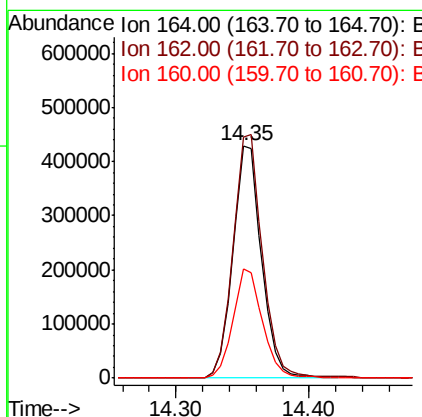
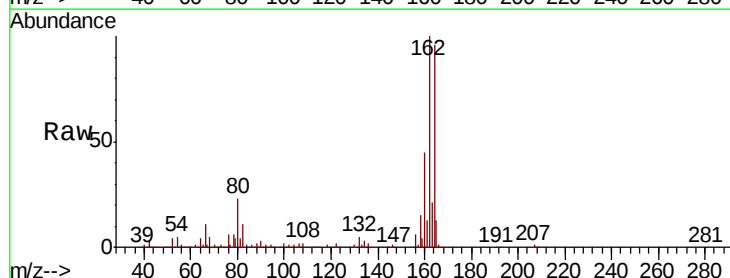
Instrument :  
 BNA\_M  
 ClientSampleId :  
 INNER-WALL

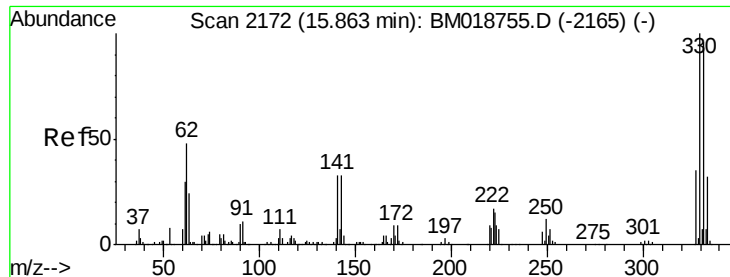
Tot Ion: 82 Resp: 2662041  
 Ion Ratio Lower Upper  
 82 100  
 128 36.2 29.9 44.9  
 54 37.3 29.1 43.7



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.35 min Scan# 1915  
 Delta R.T. -0.01 min  
 Lab File: BM018849.D  
 Acq: 18 Feb 2019 21:35

Tgt Ion:164 Resp: 642960  
 Ion Ratio Lower Upper  
 164 100  
 162 103.8 83.4 125.0  
 160 47.1 36.6 55.0

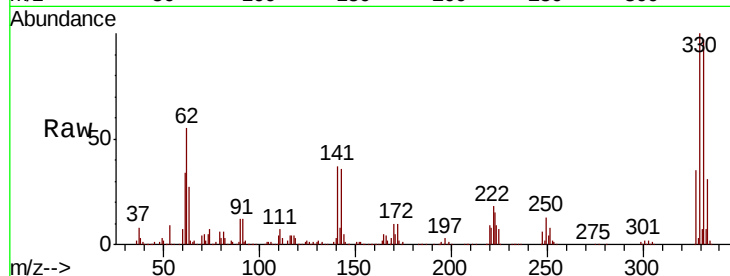




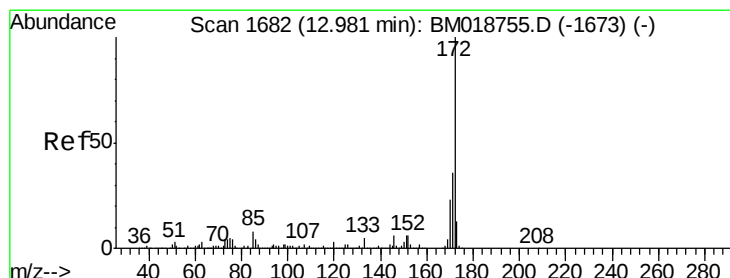
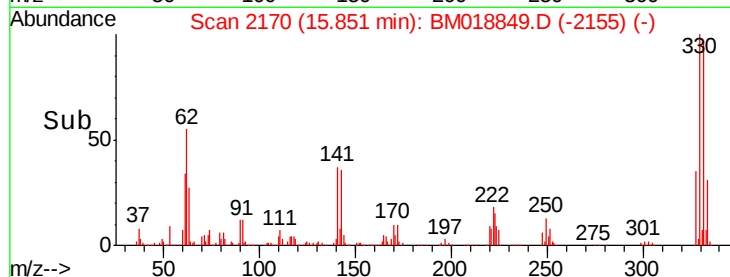
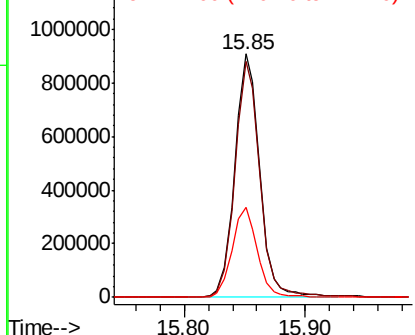
#42  
 2,4,6-Tribromophenol  
 Concen: 141.074 ng  
 RT: 15.85 min Scan# 2170  
 Delta R.T. -0.01 min  
 Lab File: BM018849.D  
 Acq: 18 Feb 2019 21:35

Instrument :  
 BNA\_M  
 ClientSampleId :  
 INNER-WALL

Tot Ion:330 Resp: 1307485  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 76.9 115.3  
 141 37.7 28.7 43.1

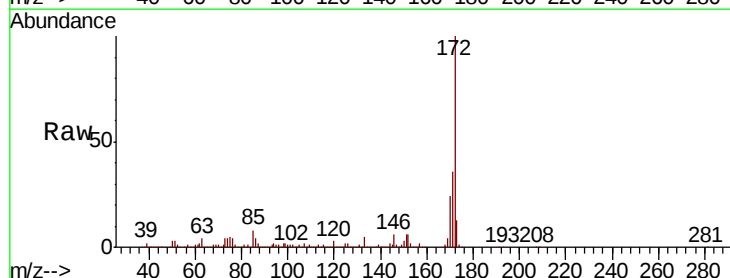


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

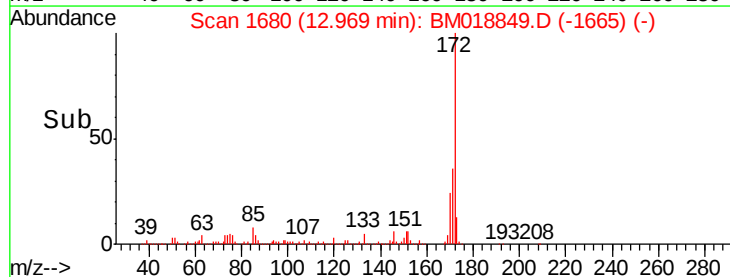
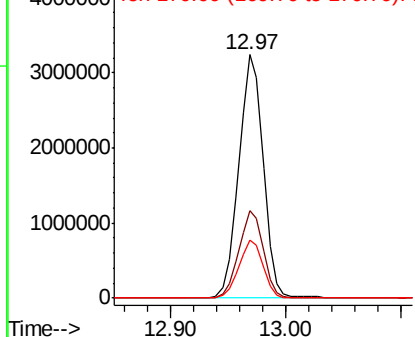


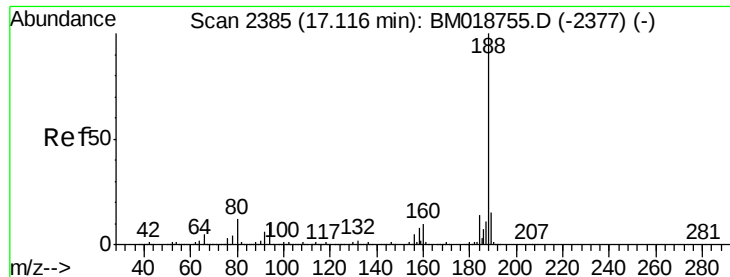
#45  
 2-Fluorobiphenyl  
 Concen: 98.218 ng  
 RT: 12.97 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: BM018849.D  
 Acq: 18 Feb 2019 21:35

Tgt Ion:172 Resp: 4757192  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.0 43.6  
 170 23.7 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018849.D

Acq: 18 Feb 2019 21:35

Instrument :

BNA\_M

ClientSampleId :

INNER-WALL

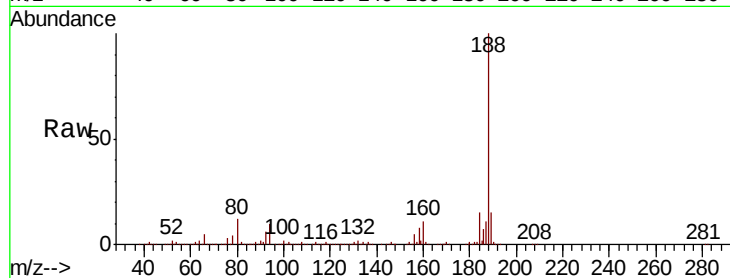
Tot Ion:188 Resp: 1352696

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

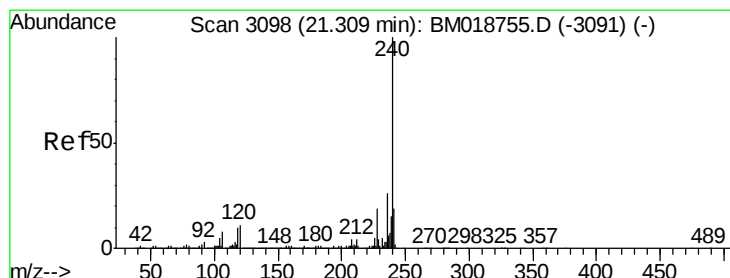
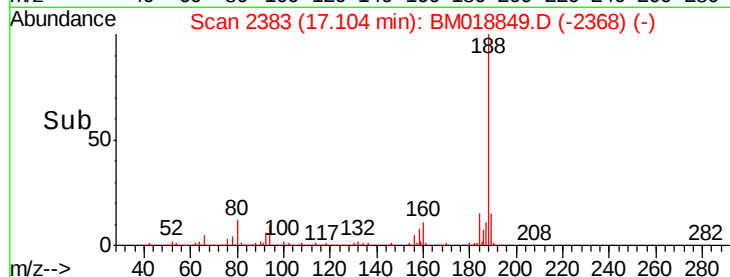
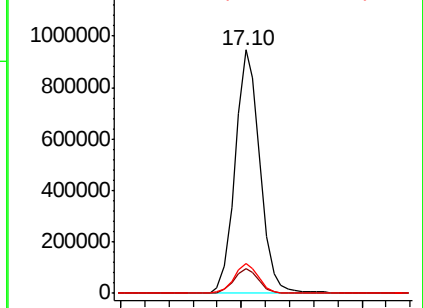
80 12.2 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM018849.D

Acq: 18 Feb 2019 21:35

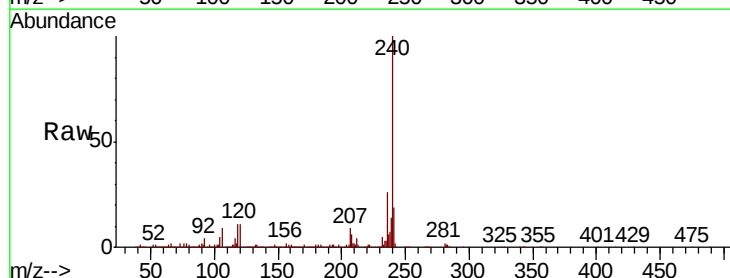
Tgt Ion:240 Resp: 990793

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

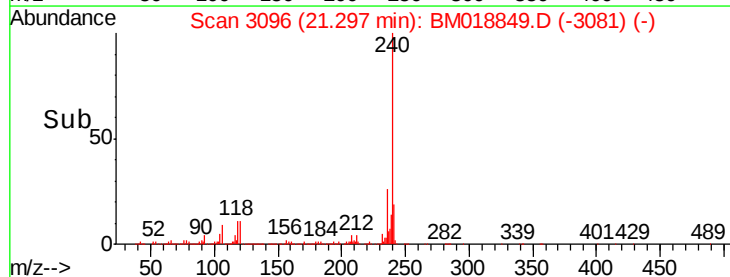
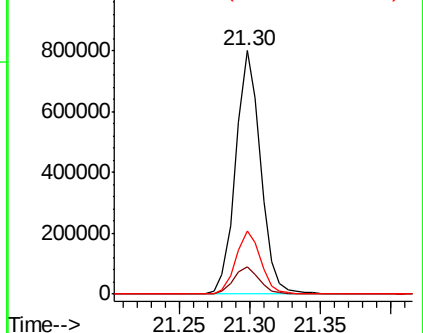
236 25.8 20.9 31.3

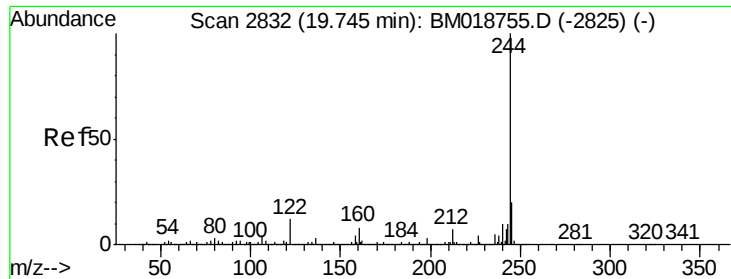


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

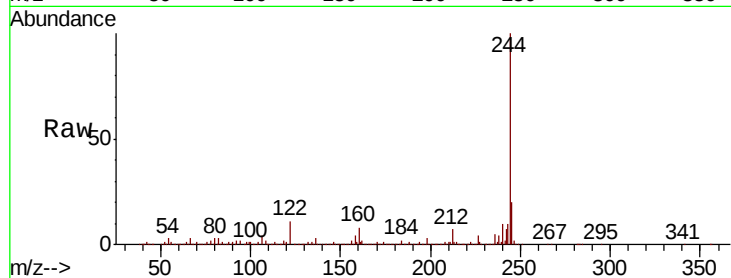




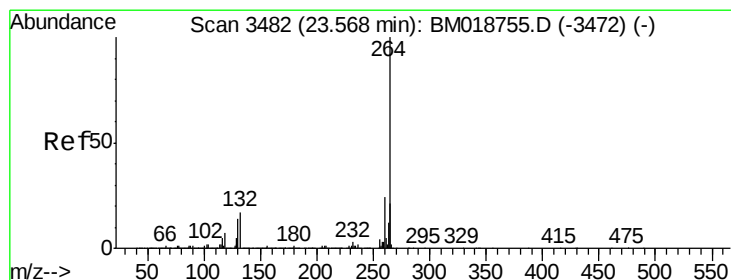
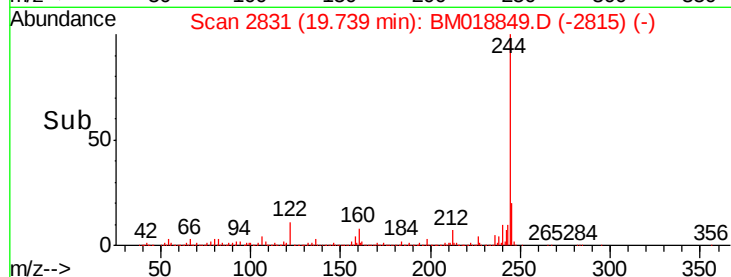
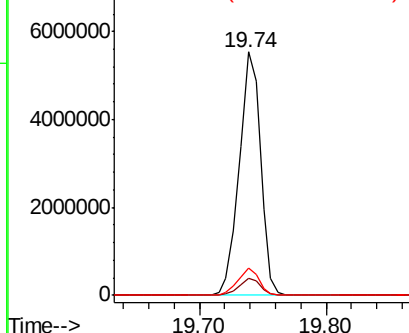
#79  
 Terphenyl-d14  
 Concen: 133.972 ng  
 RT: 19.74 min Scan# 2831  
 Delta R.T. -0.01 min  
 Lab File: BM018849.D  
 Acq: 18 Feb 2019 21:35

Instrument :  
 BNA\_M  
 ClientSampleId :  
 INNER-WALL

Tot Ion:244 Resp: 6434563  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 11.4 9.3 13.9

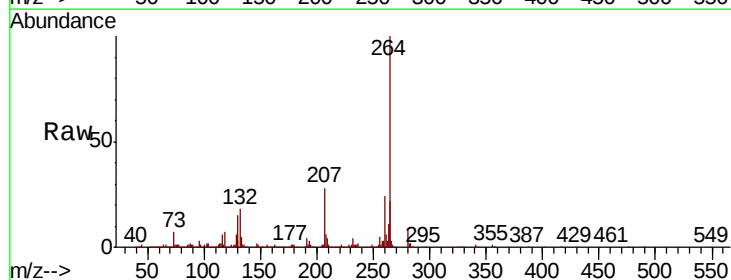


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.55 min Scan# 3479  
 Delta R.T. -0.02 min  
 Lab File: BM018849.D  
 Acq: 18 Feb 2019 21:35

Tgt Ion:264 Resp: 946969  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 18.9 28.3  
 265 22.3 17.3 25.9



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

