

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM121718\  
 Data File : BM018264.D  
 Acq On : 18 Dec 2018 01:32  
 Operator : JU/SJ  
 Sample : J6417-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 121318-TIPC-F-D-S

Quant Time: Dec 18 02:49:49 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM121518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 15 21:39:37 2018  
 Response via : Initial Calibration

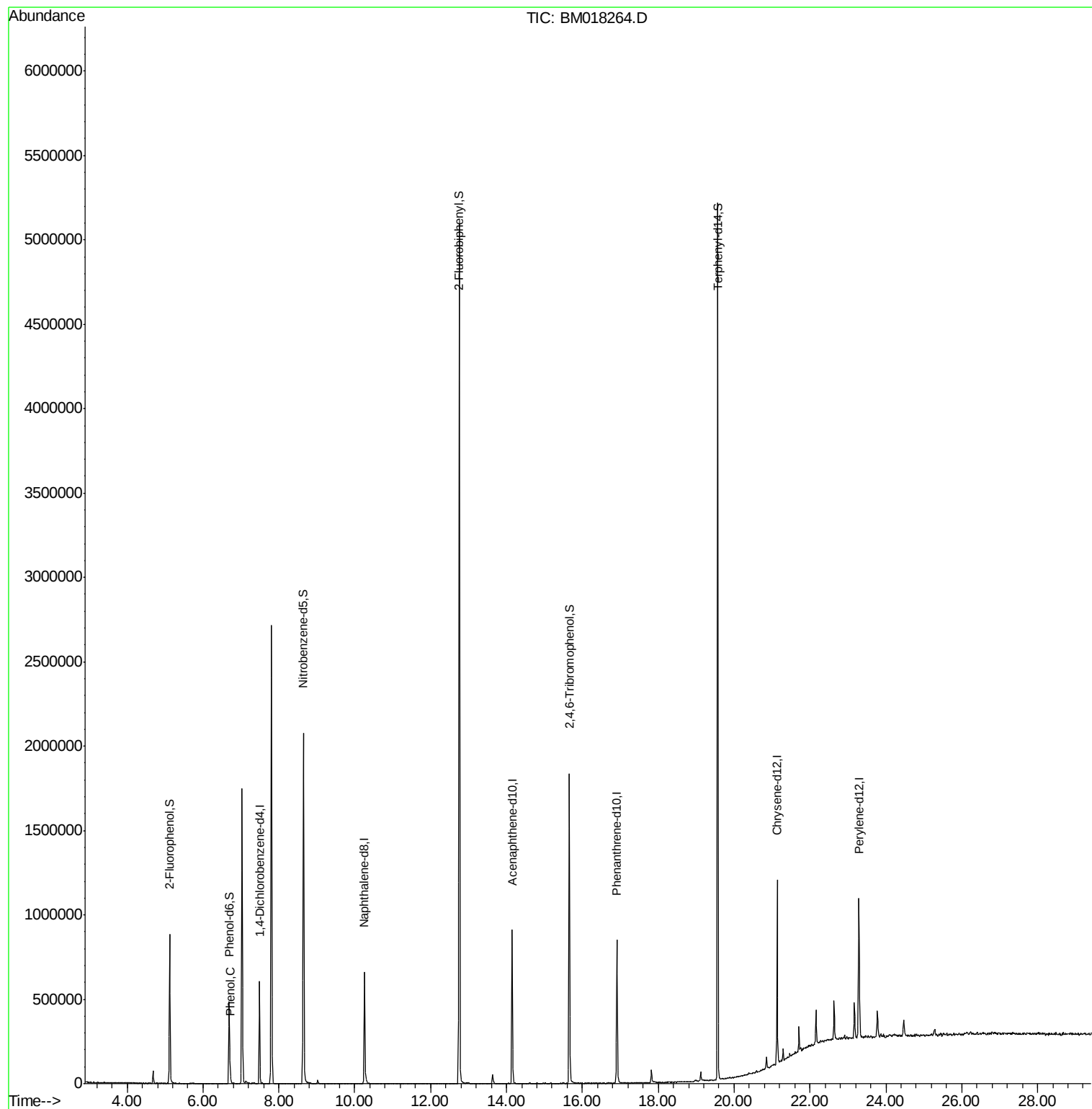
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.49  | 152  | 153615   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 10.26 | 136  | 573999   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.15 | 164  | 292862   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 16.92 | 188  | 531366   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.13 | 240  | 509959   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 23.29 | 264  | 567640   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.12  | 112  | 364365   | 39.62  | ng    | 0.00      |
| 7) Phenol-d6                | 6.69  | 99   | 283921   | 22.21  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 8.65  | 82   | 1241463  | 110.94 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 15.66 | 330  | 326249   | 75.90  | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 12.76 | 172  | 2488145  | 110.04 | ng    | -0.01     |
| 79) Terphenyl-d14           | 19.57 | 244  | 2305248  | 102.24 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 6.72  | 94   | 28608    | 2.113  | ng    | Qvalue 95 |

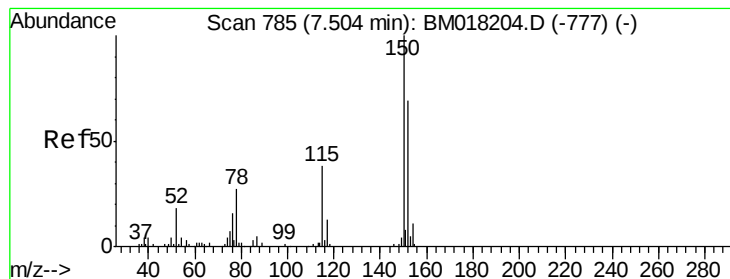
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM121718\  
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Sample : J6417-02  
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :  
121318-TIPC-F-D-S

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM121518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 15 21:39:37 2018  
Response via : Initial Calibration



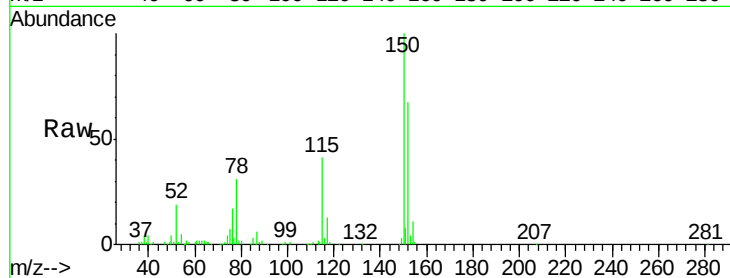


#1

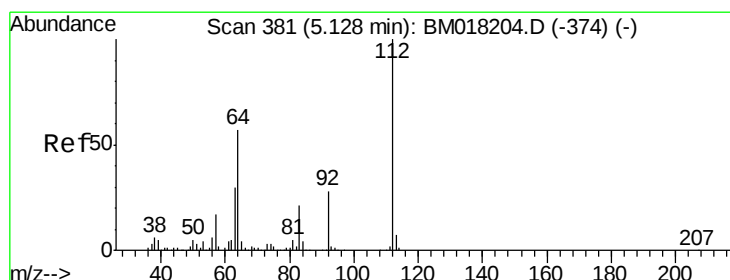
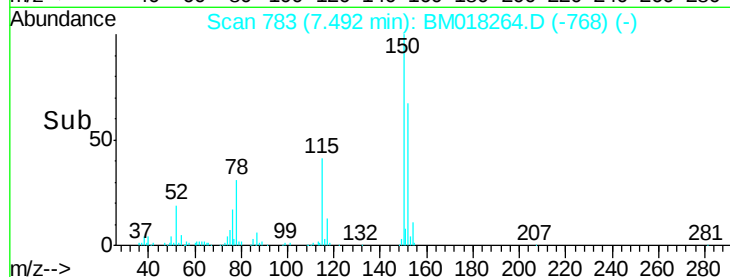
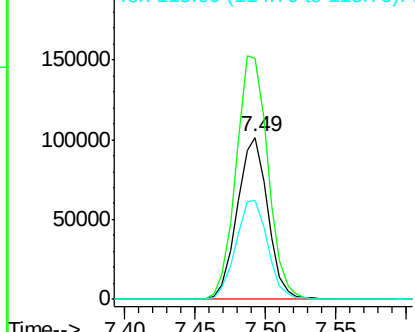
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.49 min Scan# 783  
Delta R.T. -0.01 min  
Lab File: BM018264.D  
Acq: 18 Dec 2018 01:32

Instrument :  
BNA\_M  
ClientSampleId :  
121318-TIPC-F-D-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 148.8 | 116.1 | 174.1 |
| 115     | 60.8  | 44.6  | 67.0  |



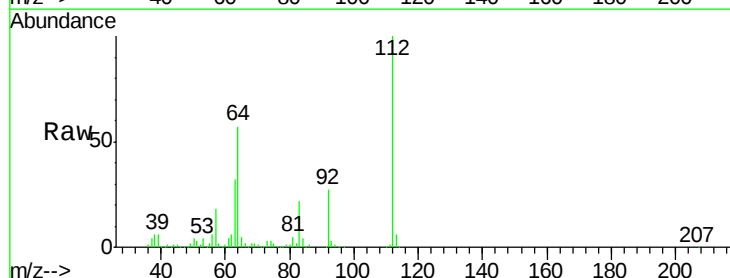
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



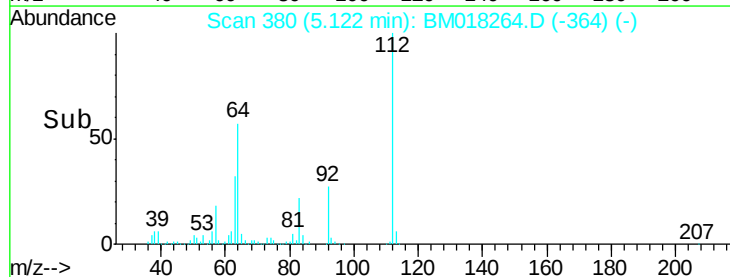
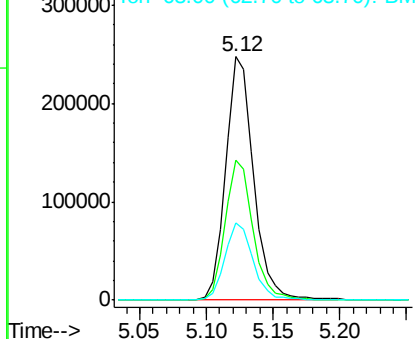
#5

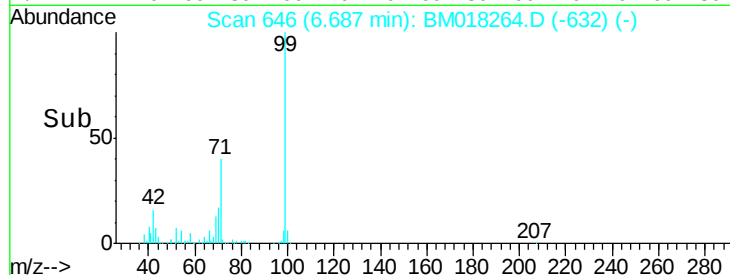
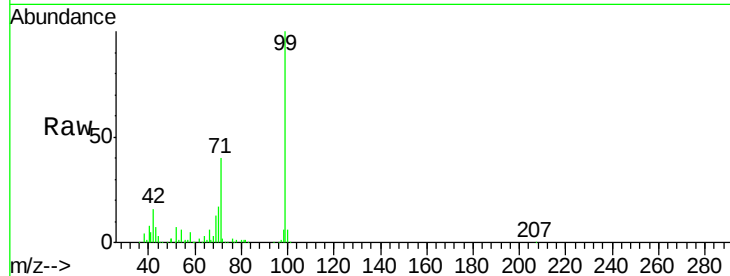
2-Fluorophenol  
Concen: 39.623 ng  
RT: 5.12 min Scan# 380  
Delta R.T. -0.01 min  
Lab File: BM018264.D  
Acq: 18 Dec 2018 01:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.3  | 45.4  | 68.2  |
| 63      | 31.8  | 24.0  | 36.0  |



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: 22.213 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018264.D

Acq: 18 Dec 2018 01:32

Instrument :

BNA\_M

ClientSampleId :

121318-TIPC-F-D-S

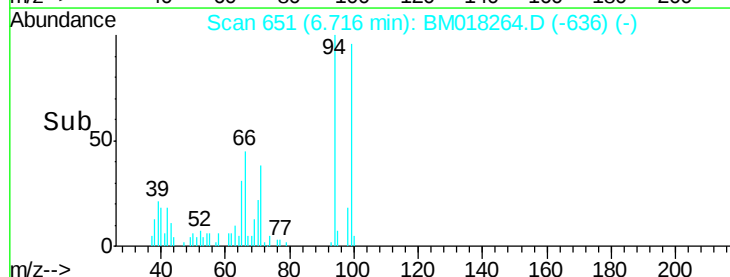
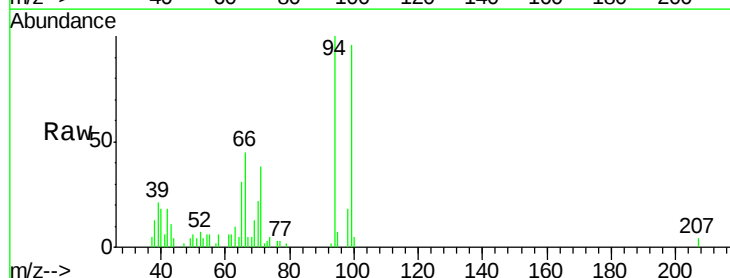
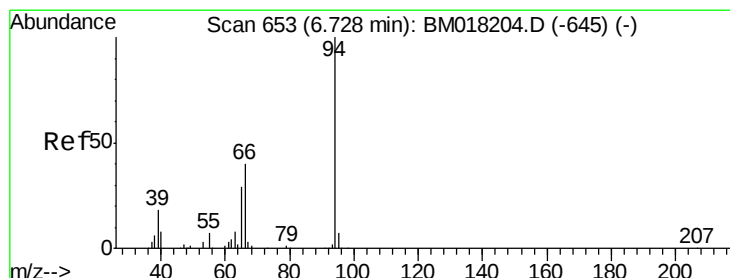
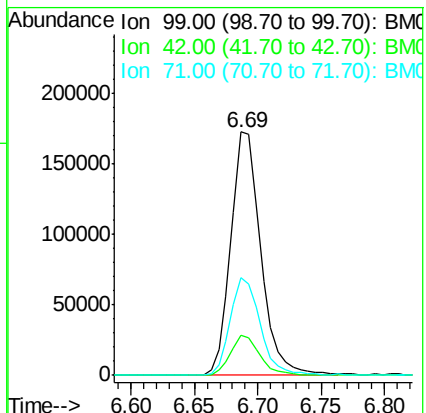
Tgt Ion: 99 Resp: 283921

Ion Ratio Lower Upper

99 100

42 16.3 12.3 18.5

71 40.0 30.2 45.2



#10

Phenol

Concen: 2.113 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018264.D

Acq: 18 Dec 2018 01:32

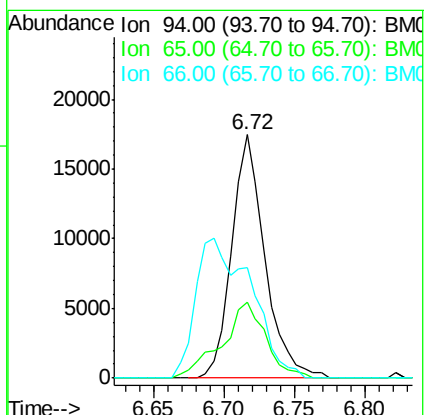
Tgt Ion: 94 Resp: 28608

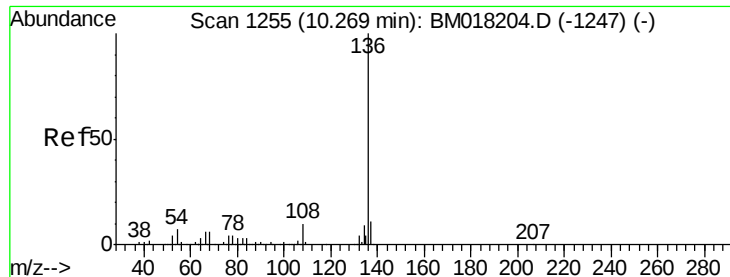
Ion Ratio Lower Upper

94 100

65 31.2 9.5 49.5

66 45.3 21.3 61.3

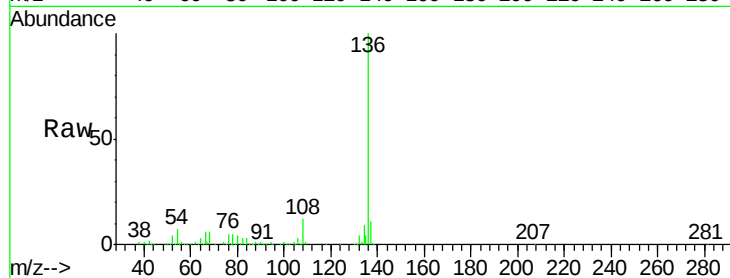




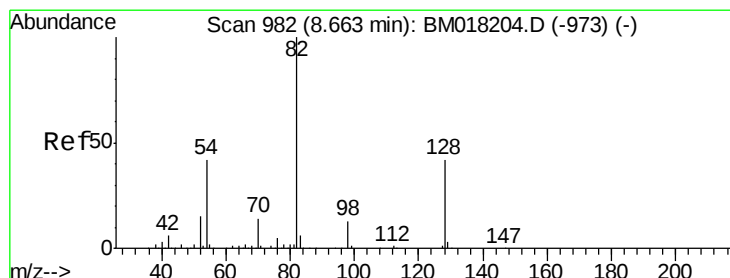
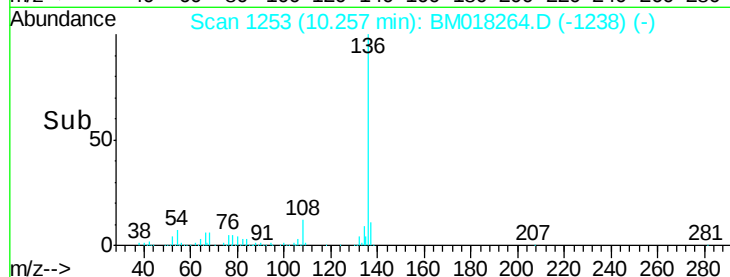
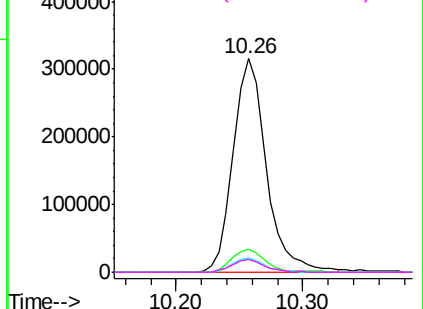
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.26 min Scan# 1253  
Delta R.T. -0.01 min  
Lab File: BM018264.D  
Acq: 18 Dec 2018 01:32

Instrument :  
BNA\_M  
ClientSampleId :  
121318-TIPC-F-D-S

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 573999 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 9.2   | 13.8   |
| 54       | 6.6   | 5.2   | 7.8    |
| 68       | 5.8   | 5.0   | 7.6    |

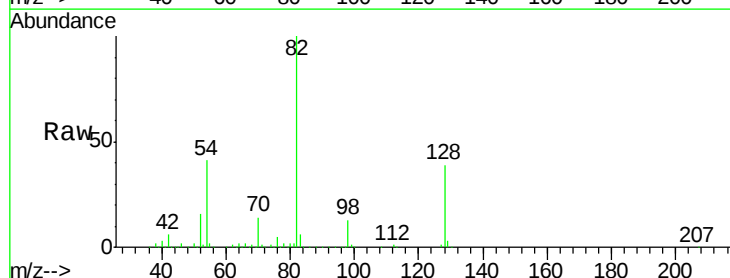


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

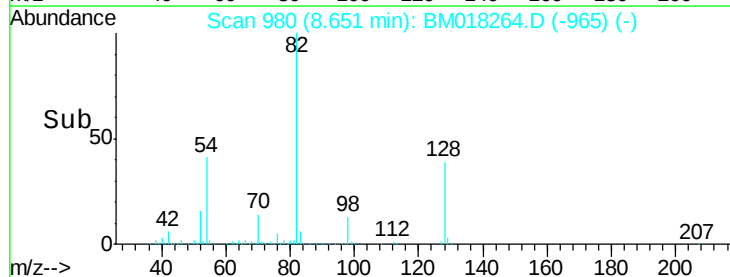
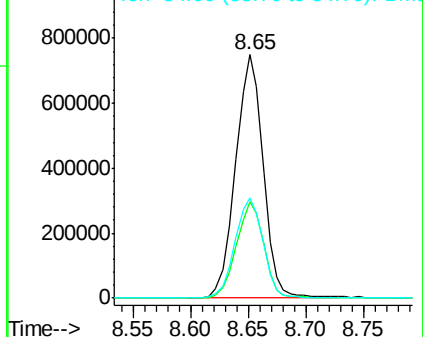


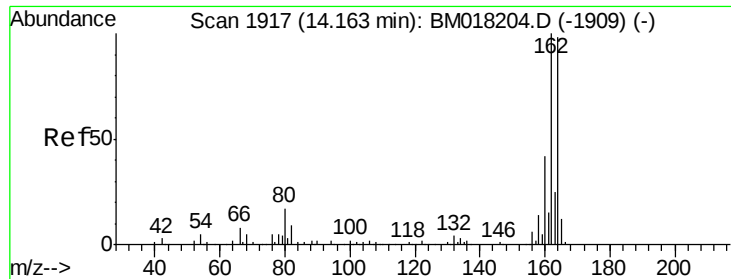
#23  
Nitrobenzene-d5  
Concen: 110.939 ng  
RT: 8.65 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BM018264.D  
Acq: 18 Dec 2018 01:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1241463 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 39.4  | 33.4  | 50.2    |
| 54       | 41.4  | 33.4  | 50.2    |



Abundance Ion 82.00 (81.70 to 82.70): BM  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018264.D

Acq: 18 Dec 2018 01:32

Instrument :

BNA\_M

ClientSampleId :

121318-TIPC-F-D-S

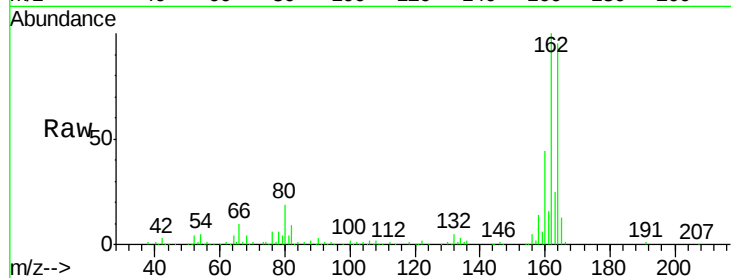
Tgt Ion:164 Resp: 292862

Ion Ratio Lower Upper

164 100

162 105.3 81.8 122.6

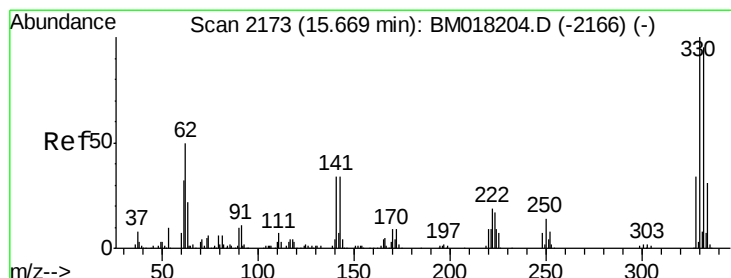
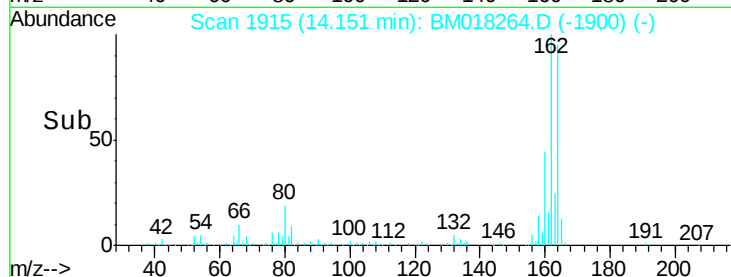
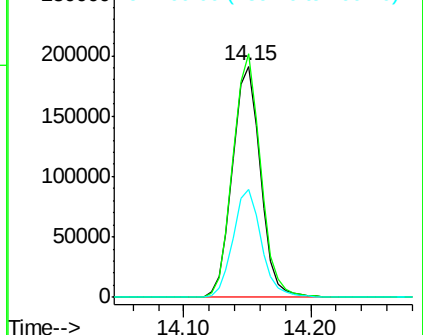
160 46.6 34.6 51.8



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



#42

2,4,6-Tribromophenol

Concen: 75.900 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018264.D

Acq: 18 Dec 2018 01:32

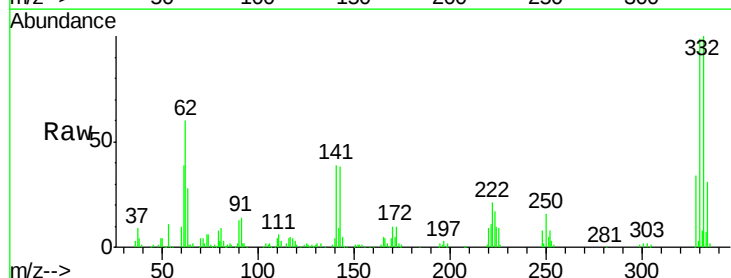
Tgt Ion:330 Resp: 326249

Ion Ratio Lower Upper

330 100

332 98.3 78.6 118.0

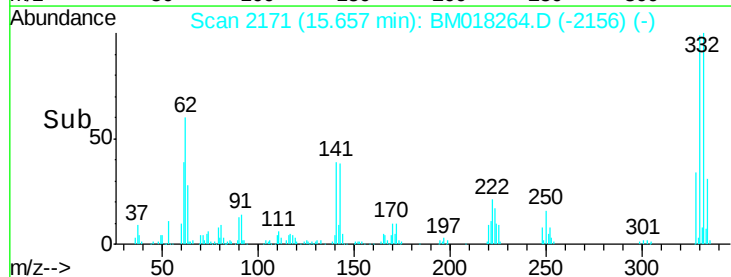
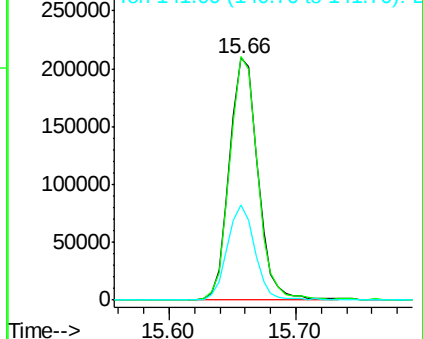
141 38.0 27.1 40.7

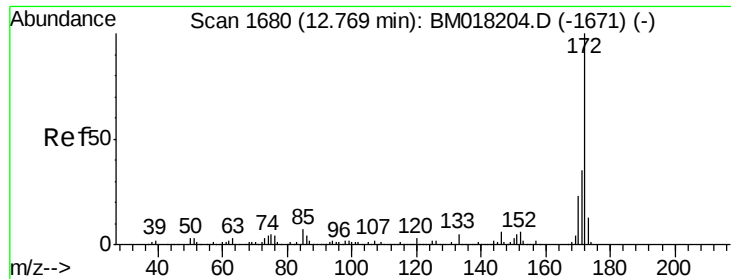


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

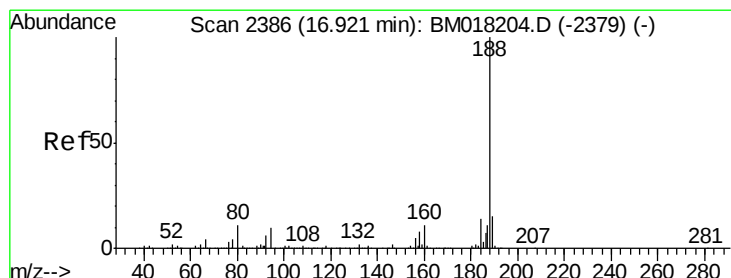
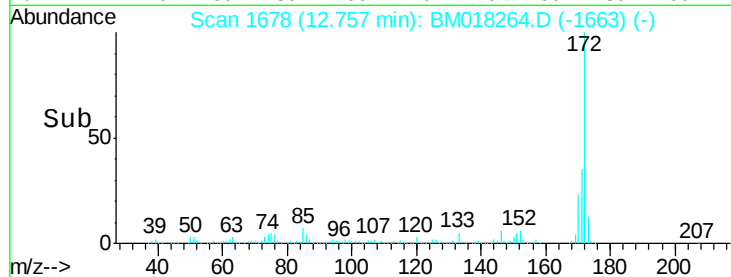
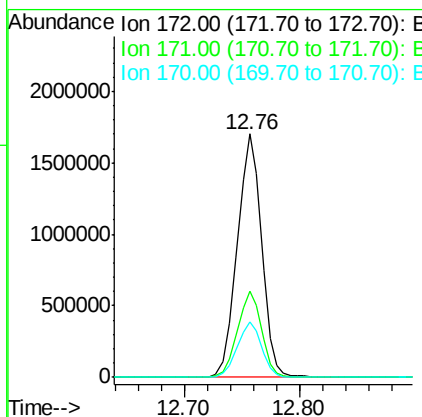
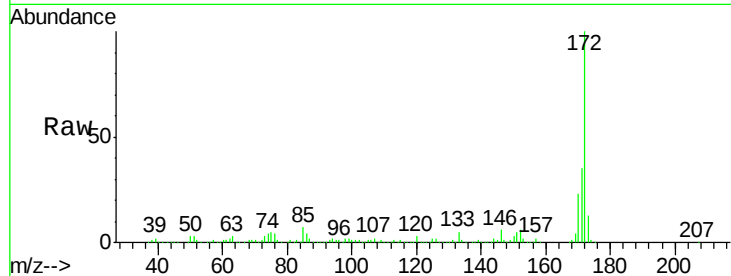




#45  
 2-Fluorobiphenyl  
 Concen: 110.043 ng  
 RT: 12.76 min Scan# 1678  
 Delta R.T. -0.01 min  
 Lab File: BM018264.D  
 Acq: 18 Dec 2018 01:32

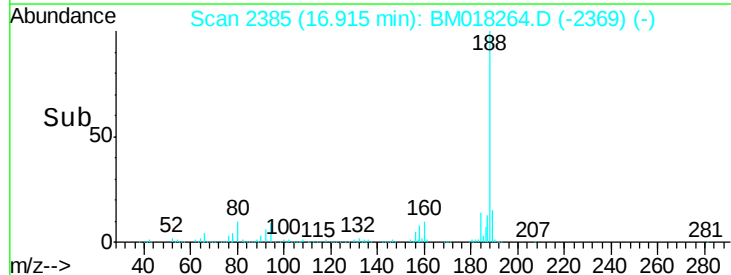
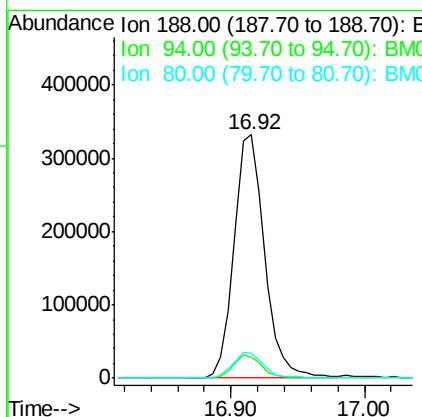
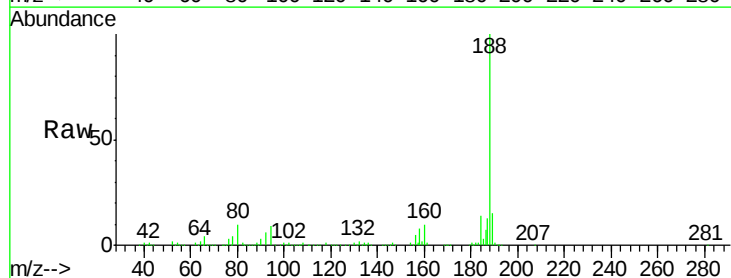
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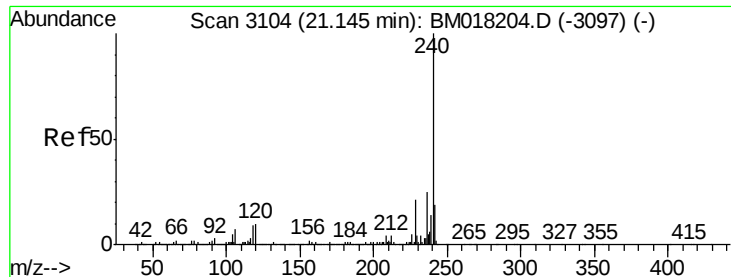
Tgt Ion:172 Resp: 2488145  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 28.3 42.5  
 170 23.0 18.1 27.1



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 16.92 min Scan# 2385  
 Delta R.T. -0.01 min  
 Lab File: BM018264.D  
 Acq: 18 Dec 2018 01:32

Tgt Ion:188 Resp: 531366  
 Ion Ratio Lower Upper  
 188 100  
 94 8.6 8.0 12.0  
 80 10.3 9.0 13.6

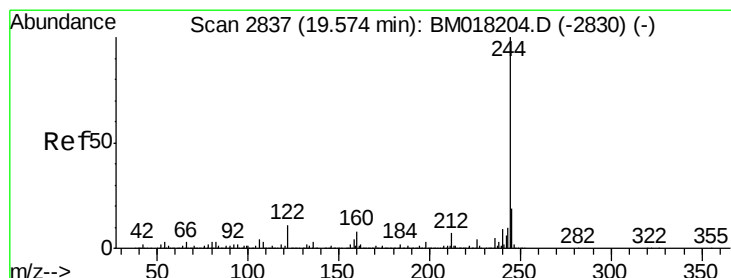
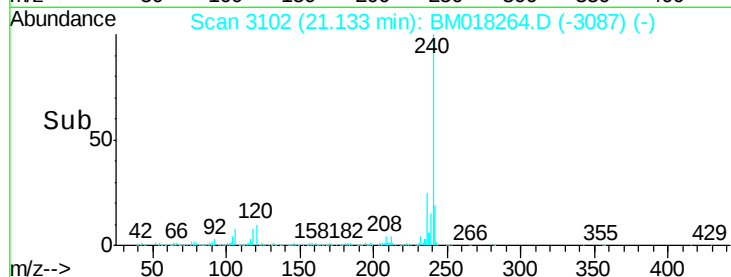
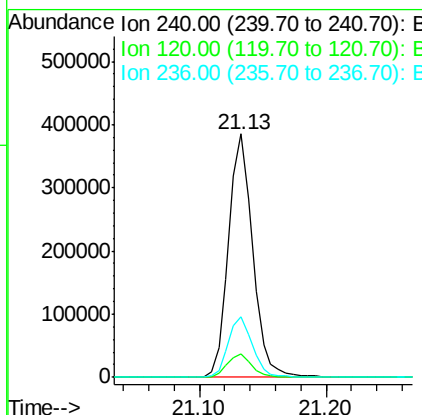
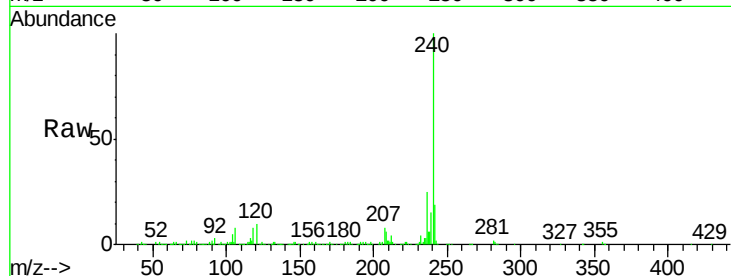




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.13 min Scan# 3102  
Delta R.T. -0.01 min  
Lab File: BM018264.D  
Acq: 18 Dec 2018 01:32

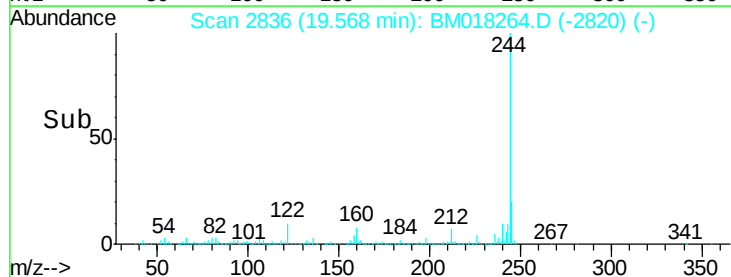
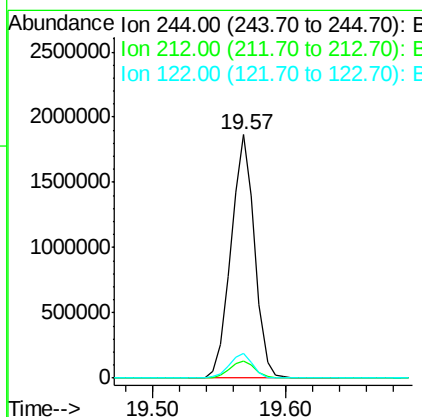
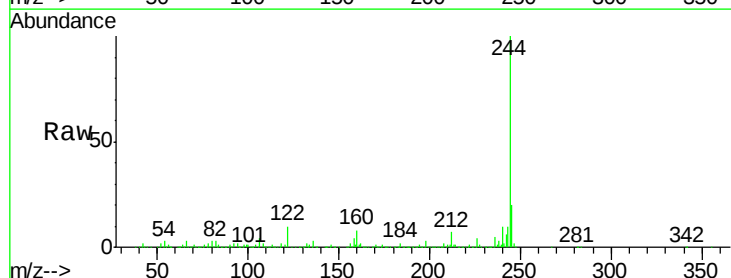
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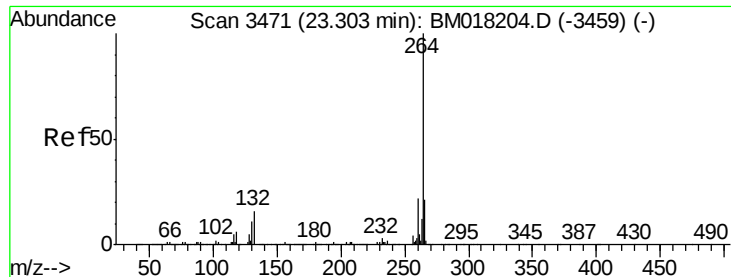
Tgt Ion:240 Resp: 509959  
Ion Ratio Lower Upper  
240 100  
120 9.6 8.2 12.2  
236 25.1 20.3 30.5



#79  
Terphenyl-d14  
Concen: 102.237 ng  
RT: 19.57 min Scan# 2836  
Delta R.T. -0.01 min  
Lab File: BM018264.D  
Acq: 18 Dec 2018 01:32

Tgt Ion:244 Resp: 2305248  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.8 8.8  
122 10.0 9.0 13.6





#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.29 min Scan# 3469  
 Delta R.T. -0.01 min  
 Lab File: BM018264.D  
 Acq: 18 Dec 2018 01:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 121318-TIPC-F-D-S

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.1  | 17.5  | 26.3  |
| 265     | 20.8  | 17.3  | 25.9  |

