

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM081318\  
 Data File : BM016343.D  
 Acq On : 14 Aug 2018 03:09  
 Operator : SJ/JU  
 Sample : J4447-25  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1-8

Quant Time: Aug 14 03:55:37 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 10 18:44:22 2018  
 Response via : Initial Calibration

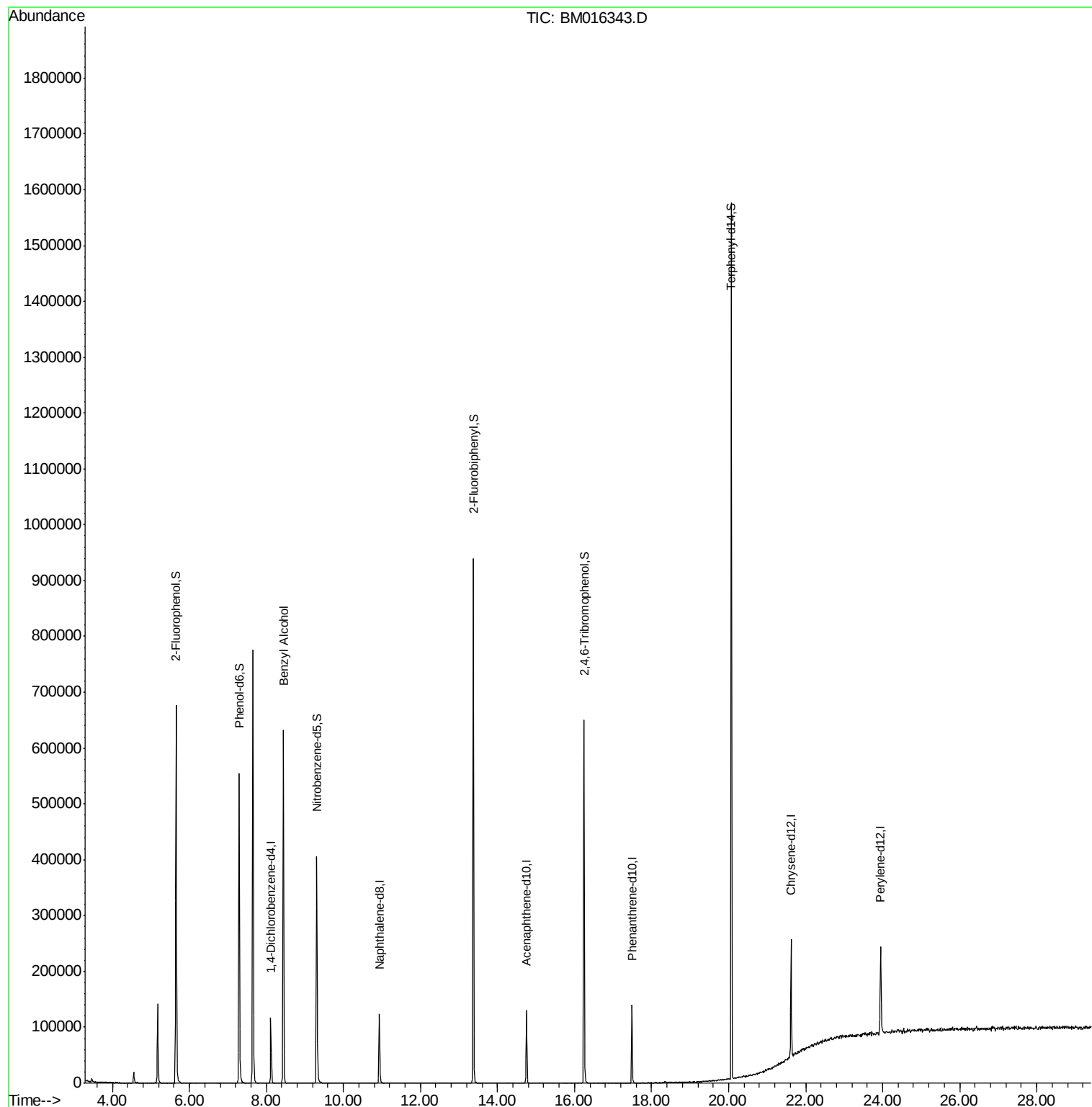
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.12  | 152  | 24243    | 20.00  | ng    | -0.01          |
| 21) Naphthalene-d8          | 10.93 | 136  | 80105    | 20.00  | ng    | -0.02          |
| 38) Acenaphthene-d10        | 14.75 | 164  | 36466    | 20.00  | ng    | -0.02          |
| 63) Phenanthrene-d10        | 17.49 | 188  | 69605    | 20.00  | ng    | -0.02          |
| 75) Chrysene-d12            | 21.62 | 240  | 81699    | 20.00  | ng    | -0.02          |
| 86) Perylene-d12            | 23.95 | 264  | 97287    | 20.00  | ng    | -0.02          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.65  | 112  | 197749   | 135.50 | ng    | -0.01          |
| 7) Phenol-d6                | 7.29  | 99   | 199891   | 104.88 | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 9.30  | 82   | 195246   | 113.37 | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol    | 16.24 | 330  | 60357    | 130.50 | ng    | -0.02          |
| 44) 2-Fluorobiphenyl        | 13.37 | 172  | 340341   | 113.56 | ng    | -0.02          |
| 78) Terphenyl-d14           | 20.07 | 244  | 457611   | 117.25 | ng    | -0.02          |
| Target Compounds            |       |      |          |        |       |                |
| 15) Benzyl Alcohol          | 8.43  | 79   | 4562     | 3.006  | ng    | Qvalue<br># 17 |

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

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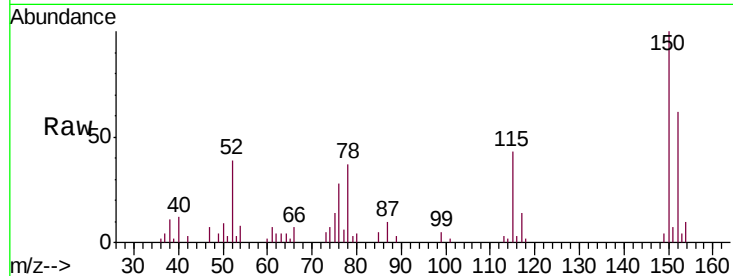


#1

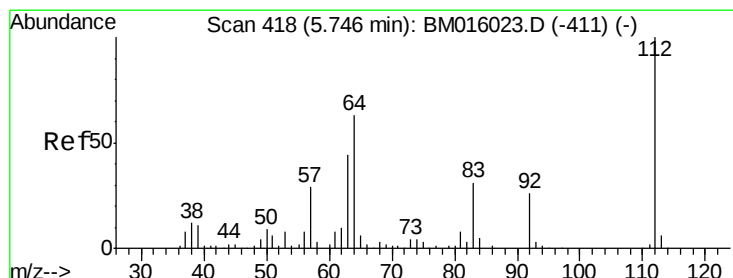
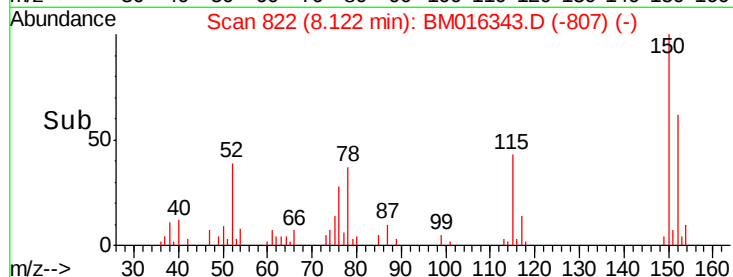
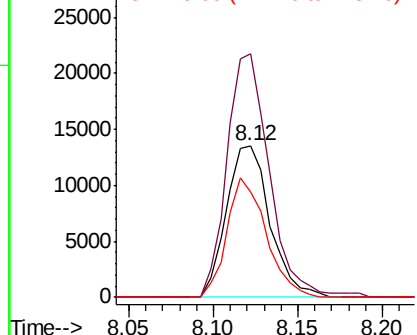
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.12 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BM016343.D  
 Acq: 14 Aug 2018 03:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1-8

Tgt Ion:152 Resp: 24243  
 Ion Ratio Lower Upper  
 152 100  
 150 160.8 119.5 179.3  
 115 69.3 43.0 64.4#



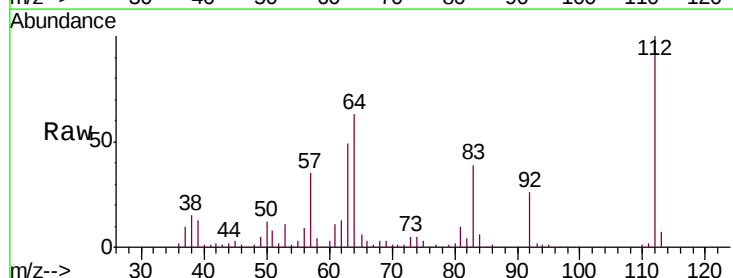
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



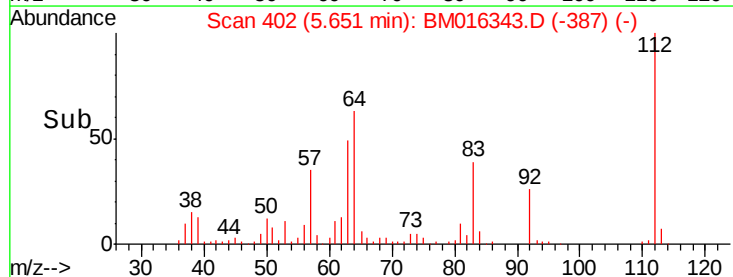
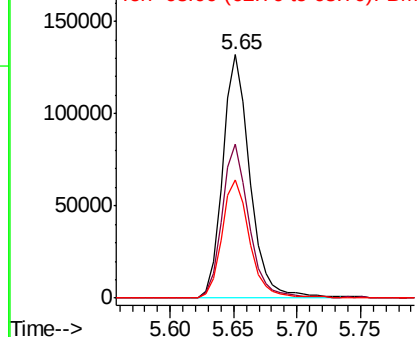
#5

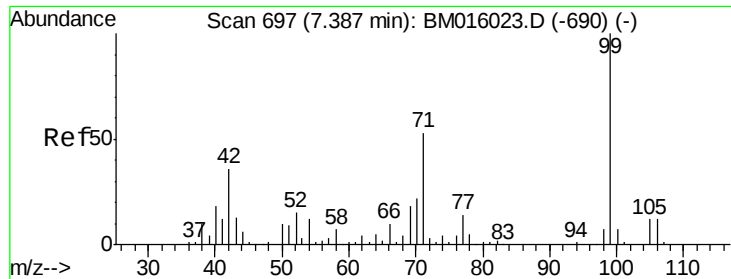
2-Fluorophenol  
 Concen: N.D. ng  
 RT: 5.65 min Scan# 402  
 Delta R.T. -0.01 min  
 Lab File: BM016343.D  
 Acq: 14 Aug 2018 03:09

Tgt Ion:112 Resp: 197749  
 Ion Ratio Lower Upper  
 112 100  
 64 63.4 38.6 57.8#  
 63 48.5 19.3 28.9#



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: N.D. ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM016343.D

Acq: 14 Aug 2018 03:09

Instrument :

BNA\_M

ClientSampleId :

SP-1-8

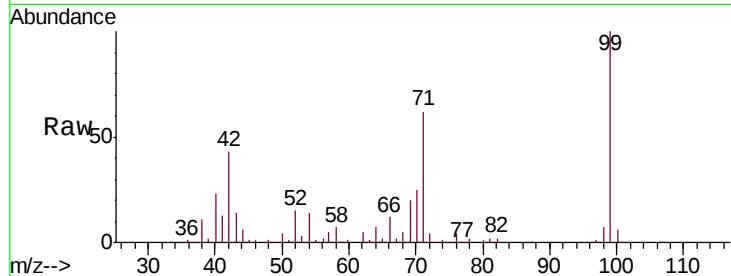
Tgt Ion: 99 Resp: 199891

Ion Ratio Lower Upper

99 100

42 43.3 11.0 16.4#

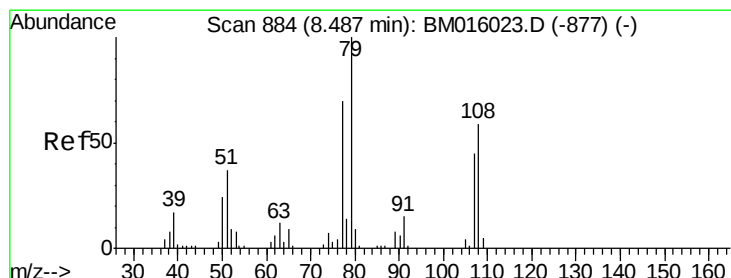
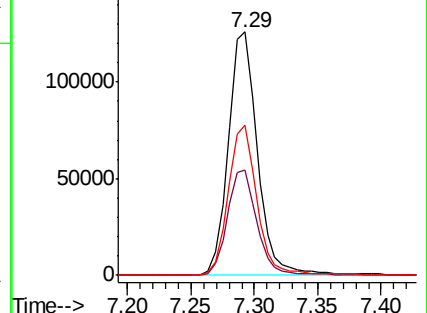
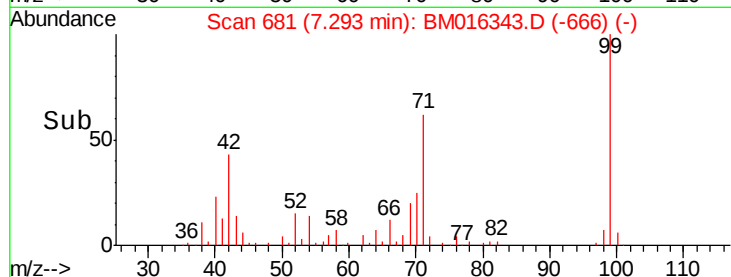
71 61.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016343.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016343.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016343.D (-666) (-)



#15

Benzyl Alcohol

Concen: 3.006 ng

RT: 8.43 min Scan# 875

Delta R.T. 0.04 min

Lab File: BM016343.D

Acq: 14 Aug 2018 03:09

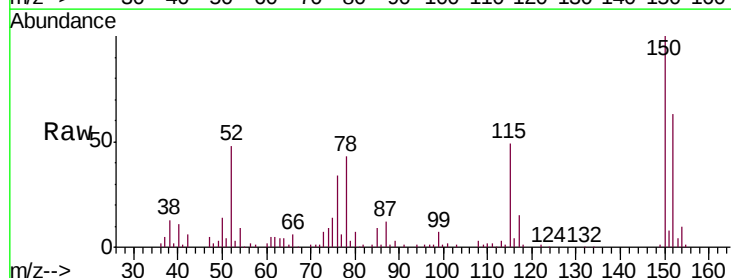
Tgt Ion: 79 Resp: 4562

Ion Ratio Lower Upper

79 100

108 98.6 65.0 97.4#

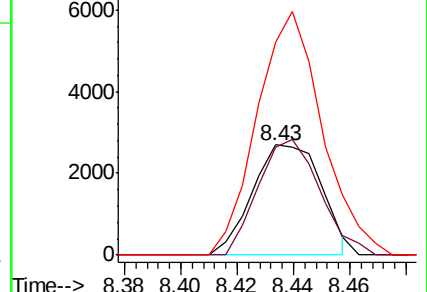
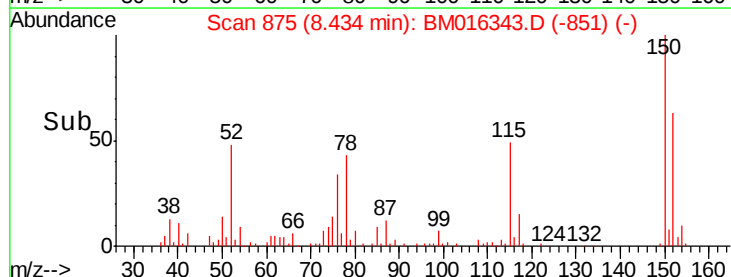
77 193.8 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016343.D (-851) (-)

Ion 108.00 (107.70 to 108.70): BM016343.D (-851) (-)

Ion 77.00 (76.70 to 77.70): BM016343.D (-851) (-)

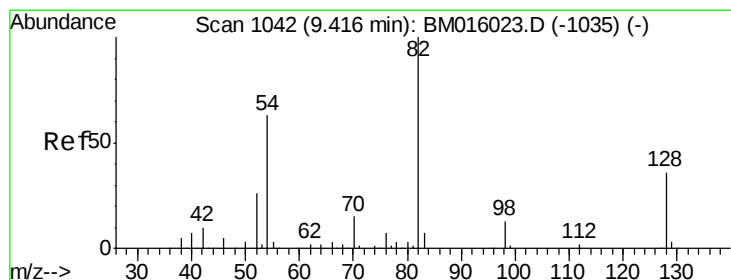
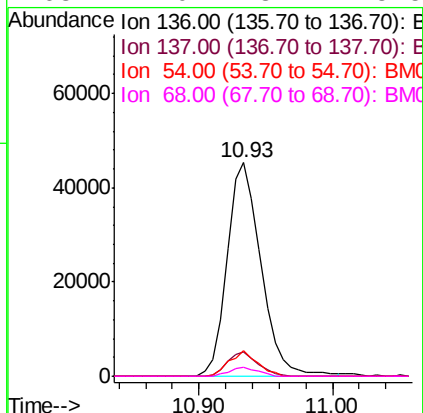
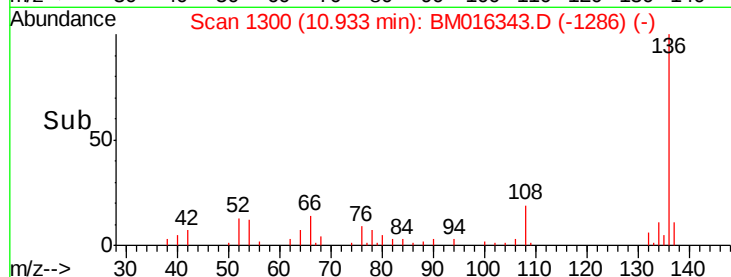
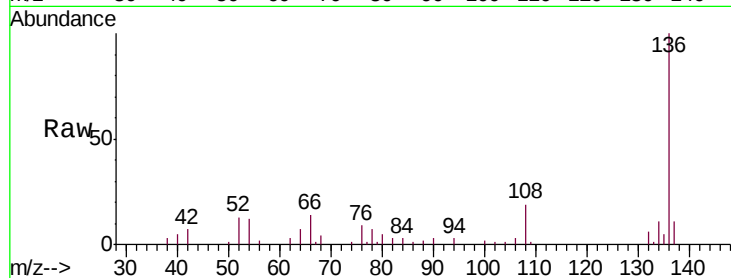




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1300  
Delta R.T. -0.02 min  
Lab File: BM016343.D  
Acq: 14 Aug 2018 03:09

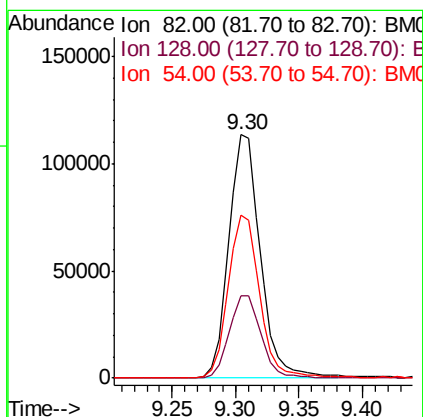
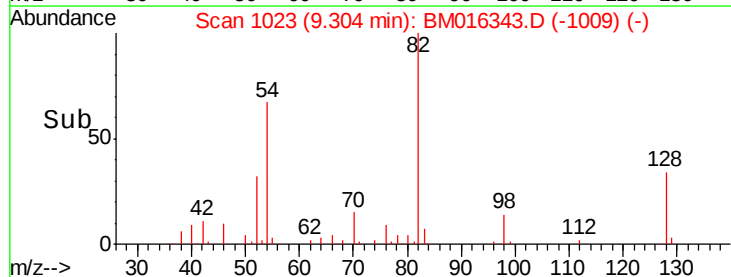
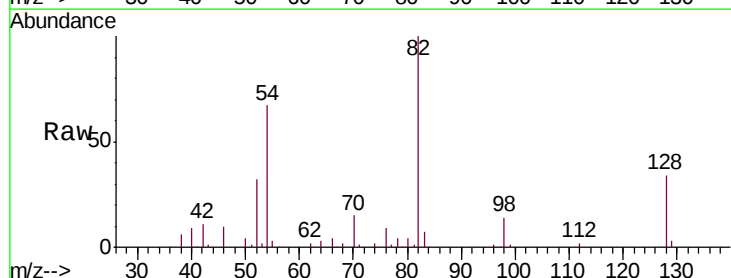
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1-8

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.4  | 8.7   | 13.1  |
| 54      | 11.9  | 4.6   | 6.8#  |
| 68      | 4.0   | 3.7   | 5.5   |



#23  
Nitrobenzene-d5  
Concen: N.D. ng  
RT: 9.30 min Scan# 1023  
Delta R.T. -0.02 min  
Lab File: BM016343.D  
Acq: 14 Aug 2018 03:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 33.9  | 32.8  | 49.2  |
| 54      | 66.7  | 40.6  | 60.8# |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BM016343.D

Acq: 14 Aug 2018 03:09

Instrument :

BNA\_M

ClientSampleId :

SP-1-8

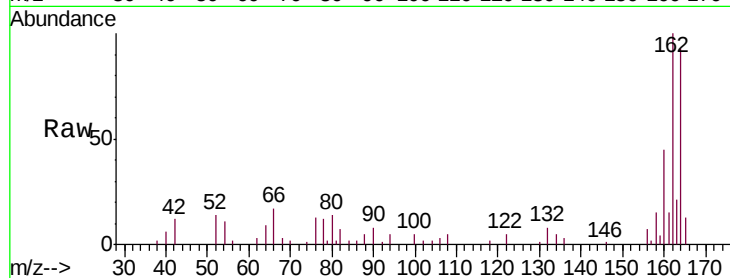
Tgt Ion:164 Resp: 36466

Ion Ratio Lower Upper

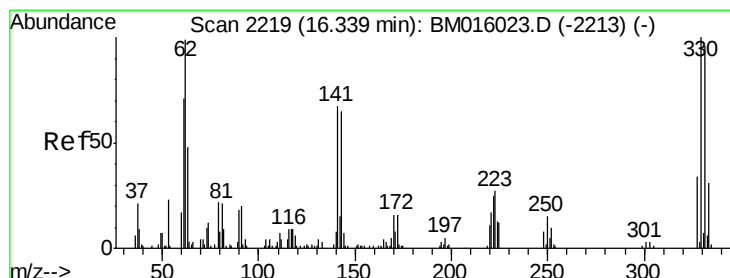
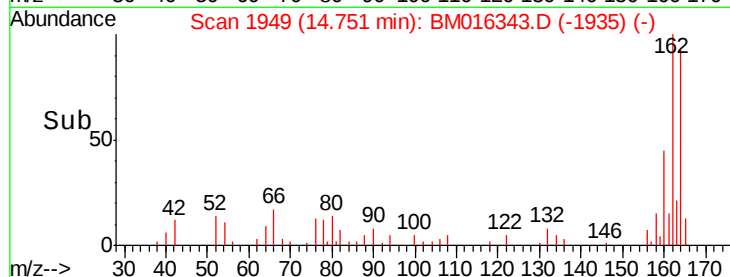
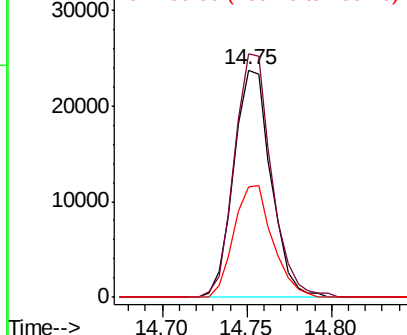
164 100

162 107.2 82.4 123.6

160 48.5 35.8 53.6



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: N.D. ng

RT: 16.24 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BM016343.D

Acq: 14 Aug 2018 03:09

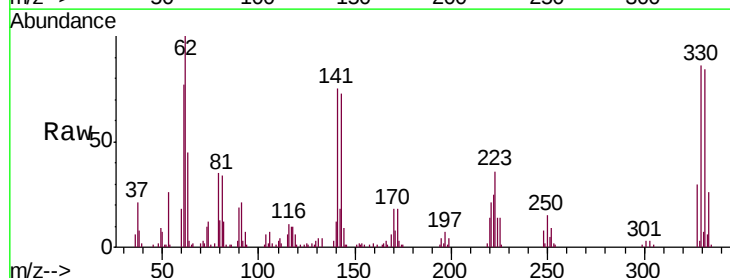
Tgt Ion:330 Resp: 60357

Ion Ratio Lower Upper

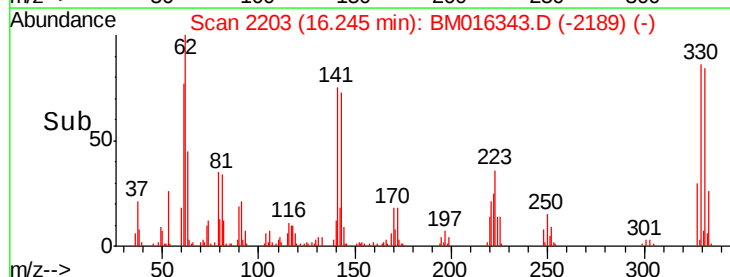
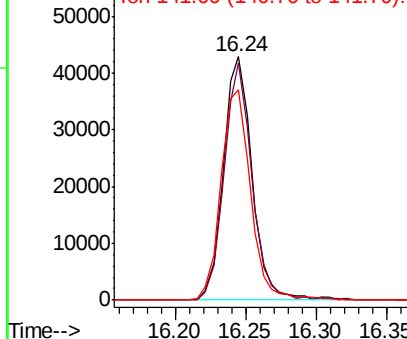
330 100

332 95.3 0.0 0.0#

141 89.4 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

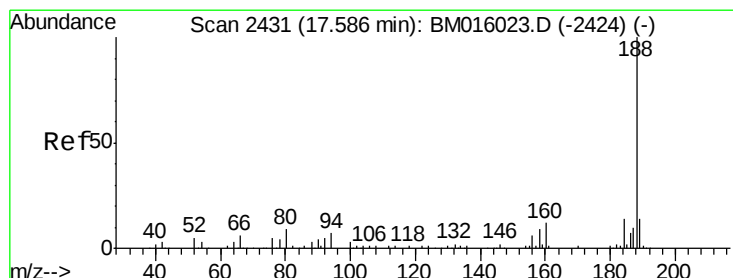
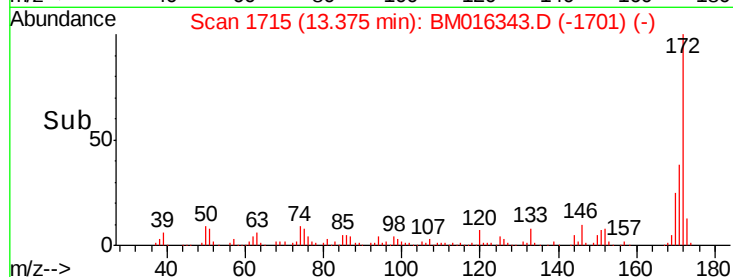
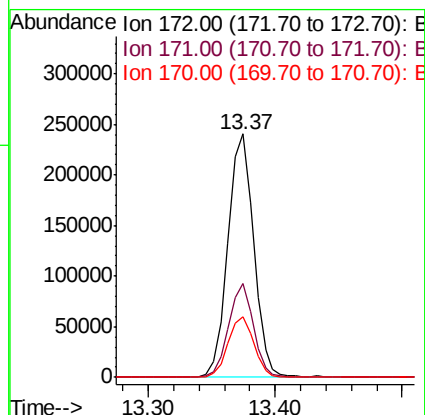
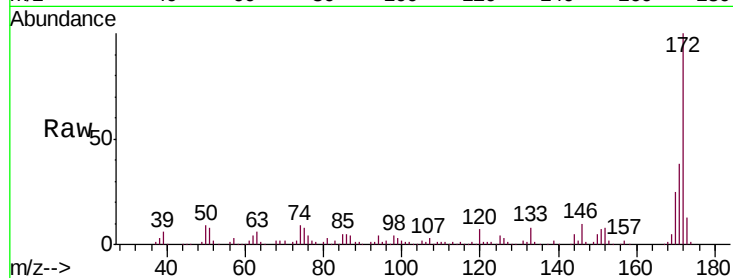




#44  
 2-Fluorobiphenyl  
 Concen: N.D. ng  
 RT: 13.37 min Scan# 1715  
 Delta R.T. -0.02 min  
 Lab File: BM016343.D  
 Acq: 14 Aug 2018 03:09

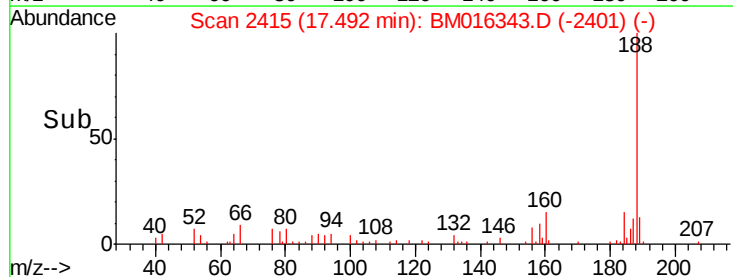
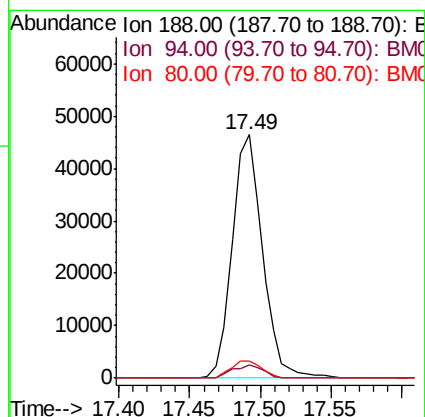
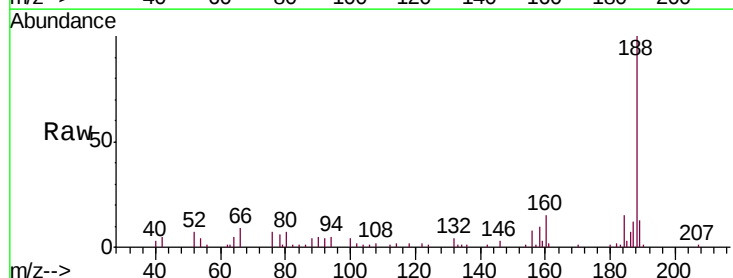
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1-8

Tgt Ion:172 Resp: 340341  
 Ion Ratio Lower Upper  
 172 100  
 171 38.4 28.5 42.7  
 170 24.9 18.8 28.2



#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.49 min Scan# 2415  
 Delta R.T. -0.02 min  
 Lab File: BM016343.D  
 Acq: 14 Aug 2018 03:09

Tgt Ion:188 Resp: 69605  
 Ion Ratio Lower Upper  
 188 100  
 94 5.2 8.7 13.1#  
 80 7.2 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BM016343.D

Acq: 14 Aug 2018 03:09

Instrument :

BNA\_M

ClientSampleId :

SP-1-8

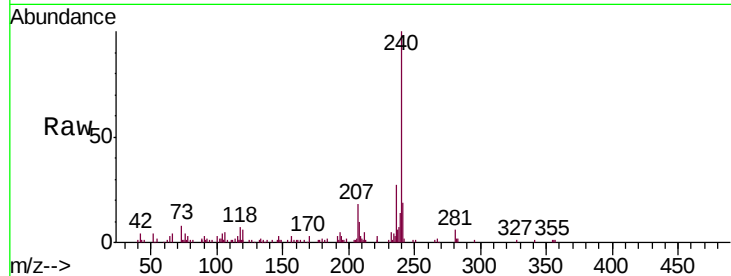
Tgt Ion:240 Resp: 81699

Ion Ratio Lower Upper

240 100

120 6.1 8.2 12.2#

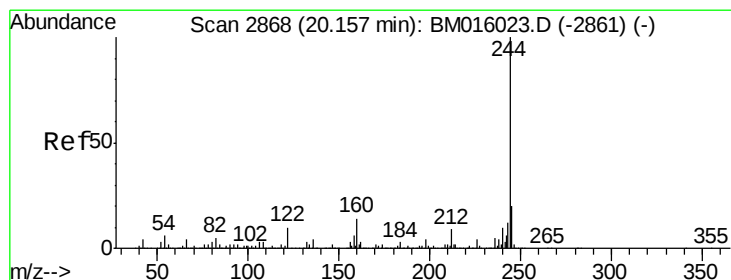
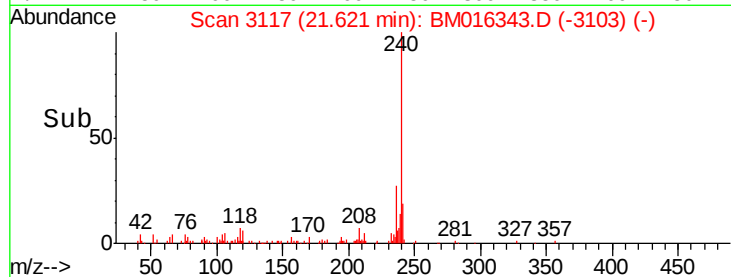
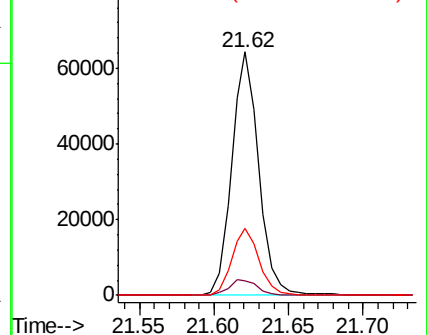
236 27.4 20.0 30.0



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



#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.07 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BM016343.D

Acq: 14 Aug 2018 03:09

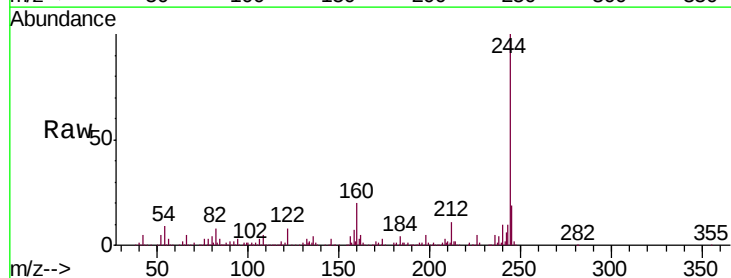
Tgt Ion:244 Resp: 457611

Ion Ratio Lower Upper

244 100

212 11.0 4.9 7.3#

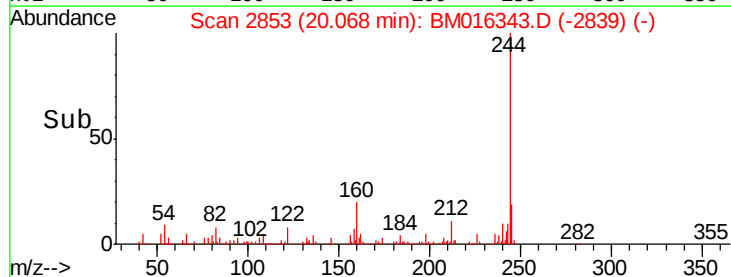
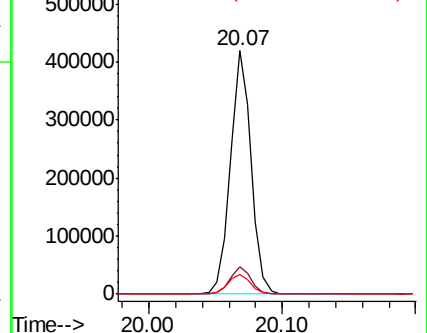
122 8.3 6.2 9.4

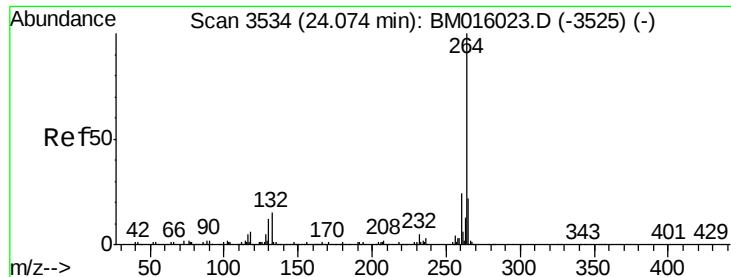


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.95 min Scan# 3513  
Delta R.T. -0.02 min  
Lab File: BM016343.D  
Acq: 14 Aug 2018 03:09

Instrument :  
BNA\_M  
ClientSampleId :  
SP-1-8

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 18.6  | 27.8  |
| 265     | 24.1  | 17.3  | 25.9  |

