

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM081318\  
 Data File : BM016341.D  
 Acq On : 14 Aug 2018 01:56  
 Operator : SJ/JU  
 Sample : J4447-05  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP-1-6

Quant Time: Aug 14 03:55:19 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

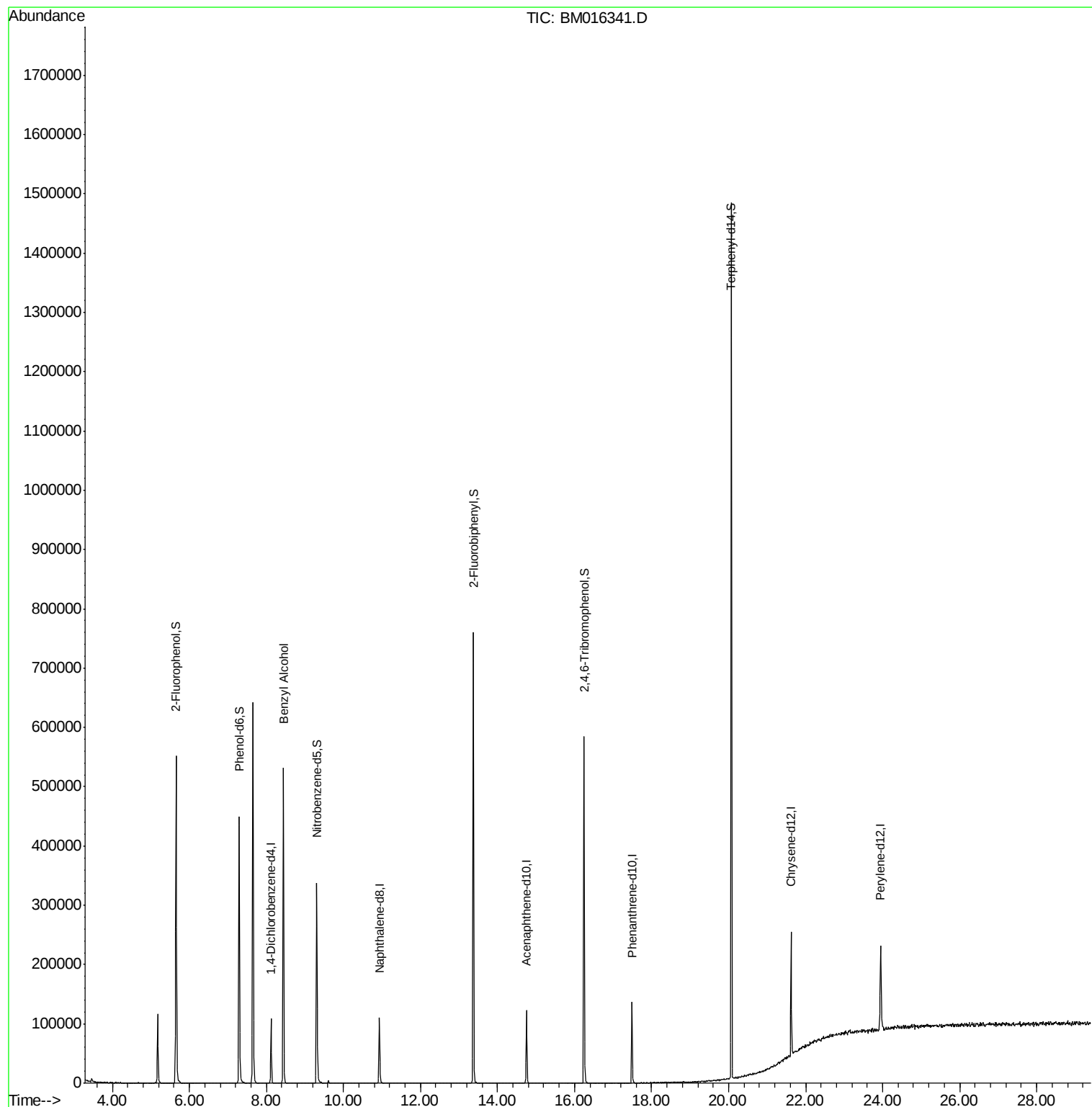
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.12  | 152  | 22693    | 20.00  | ng    | -0.01          |
| 21) Naphthalene-d8          | 10.93 | 136  | 72394    | 20.00  | ng    | -0.02          |
| 38) Acenaphthene-d10        | 14.76 | 164  | 33556    | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 17.49 | 188  | 66329    | 20.00  | ng    | -0.02          |
| 75) Chrysene-d12            | 21.62 | 240  | 78931    | 20.00  | ng    | -0.02          |
| 86) Perylene-d12            | 23.95 | 264  | 93727    | 20.00  | ng    | -0.02          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.65  | 112  | 165368   | 121.05 | ng    | -0.01          |
| 7) Phenol-d6                | 7.29  | 99   | 165721   | 92.89  | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 9.30  | 82   | 163648   | 105.14 | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol    | 16.24 | 330  | 52222    | 122.70 | ng    | -0.02          |
| 44) 2-Fluorobiphenyl        | 13.37 | 172  | 275266   | 99.81  | ng    | -0.02          |
| 78) Terphenyl-d14           | 20.07 | 244  | 428521   | 113.65 | ng    | -0.02          |
| Target Compounds            |       |      |          |        |       |                |
| 15) Benzyl Alcohol          | 8.44  | 79   | 3955     | 2.784  | ng    | Qvalue<br># 27 |

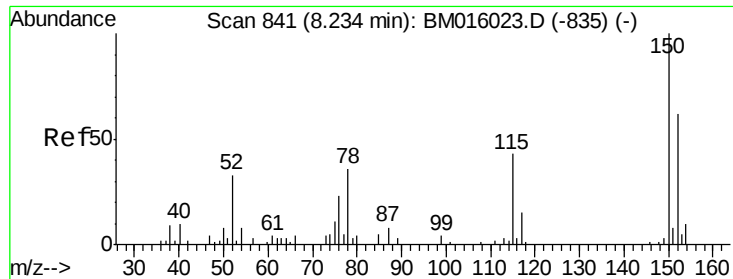
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 18:44:22 2018  
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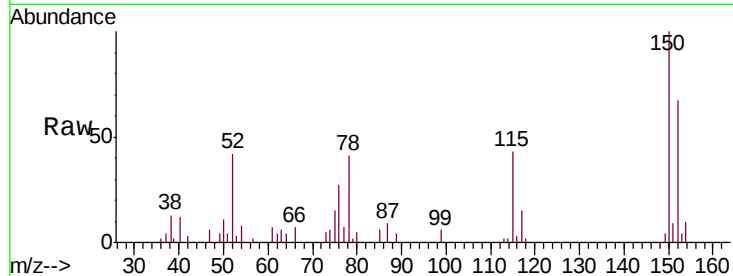




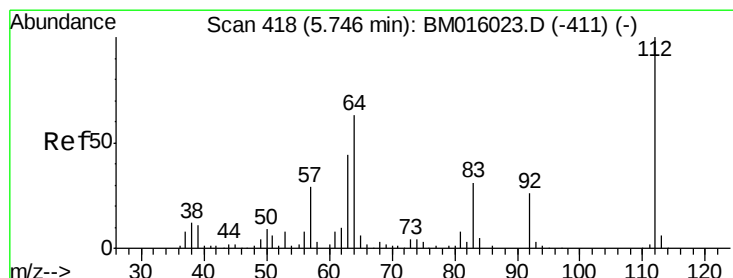
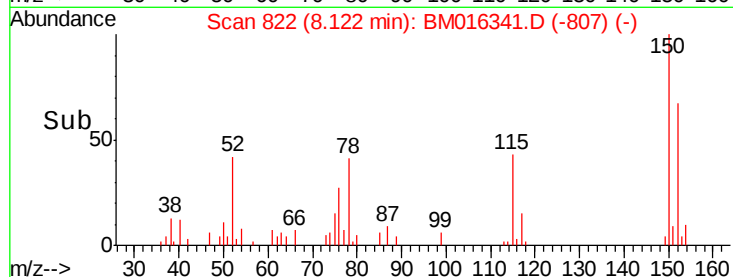
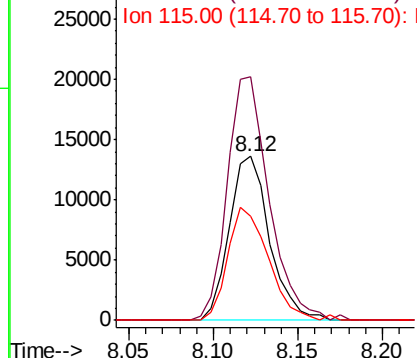
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.12 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BM016341.D  
 Acq: 14 Aug 2018 01:56

Instrument :  
 BNA\_M  
 ClientSampled :  
 SP-1-6

Tgt Ion:152 Resp: 22693  
 Ion Ratio Lower Upper  
 152 100  
 150 148.7 119.5 179.3  
 115 63.4 43.0 64.4

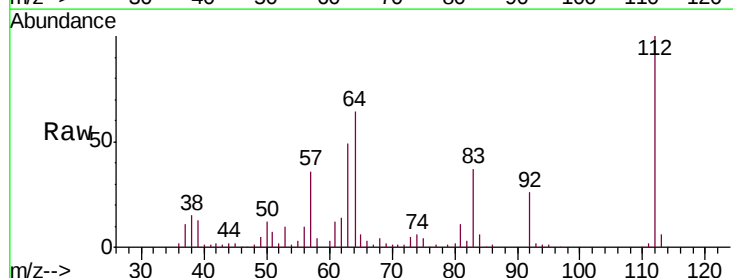


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

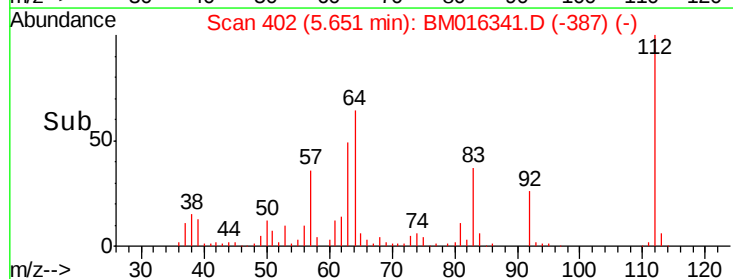
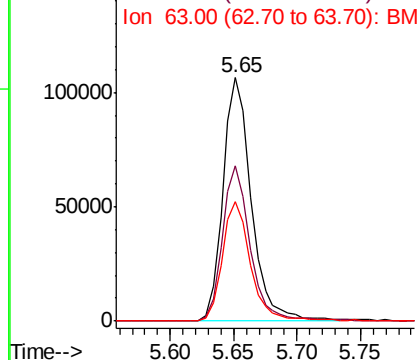


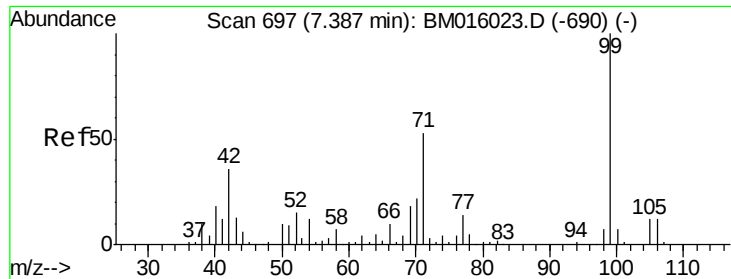
#5  
 2-Fluorophenol  
 Concen: N.D. ng  
 RT: 5.65 min Scan# 402  
 Delta R.T. -0.01 min  
 Lab File: BM016341.D  
 Acq: 14 Aug 2018 01:56

Tgt Ion:112 Resp: 165368  
 Ion Ratio Lower Upper  
 112 100  
 64 63.7 38.6 57.8#  
 63 48.9 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: BM016341.D

Acq: 14 Aug 2018 01:56

Instrument :

BNA\_M

ClientSampled :

SP-1-6

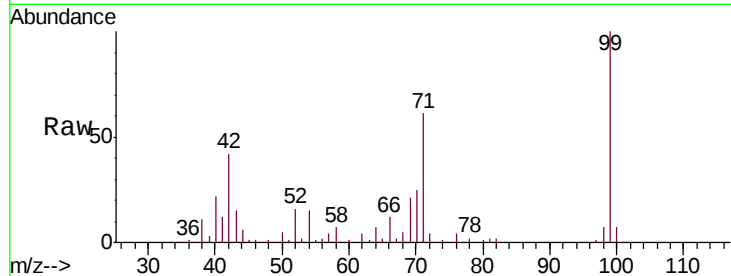
Tgt Ion: 99 Resp: 165721

Ion Ratio Lower Upper

99 100

42 42.3 11.0 16.4#

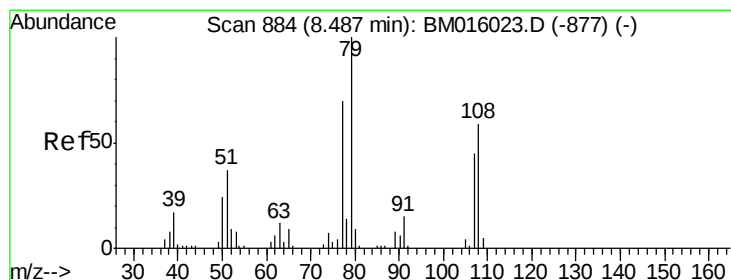
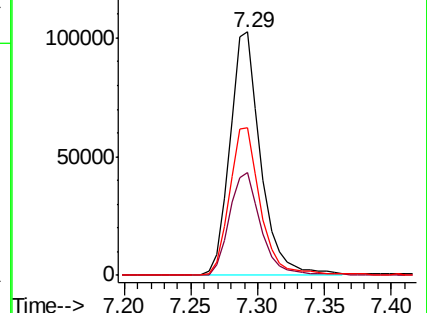
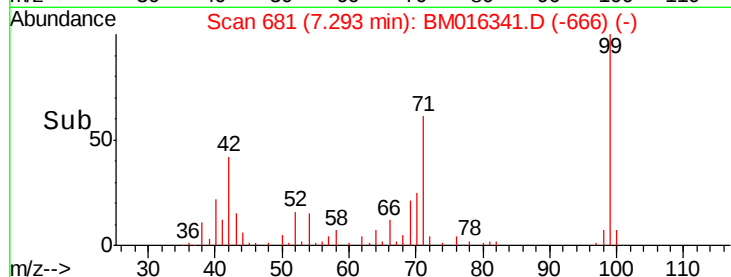
71 60.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016341.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016341.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016341.D (-666) (-)



#15

Benzyl Alcohol

Concen: 2.784 ng

RT: 8.44 min Scan# 876

Delta R.T. 0.05 min

Lab File: BM016341.D

Acq: 14 Aug 2018 01:56

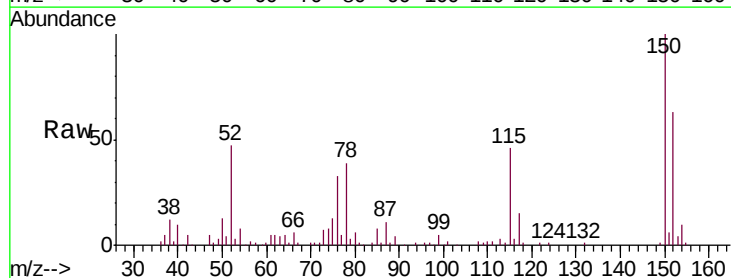
Tgt Ion: 79 Resp: 3955

Ion Ratio Lower Upper

79 100

108 83.1 65.0 97.4

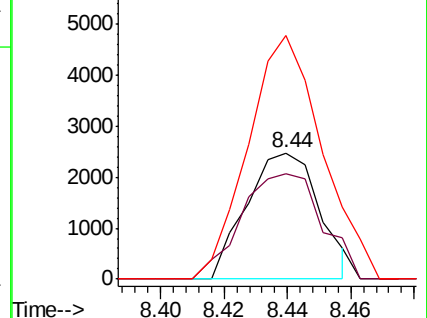
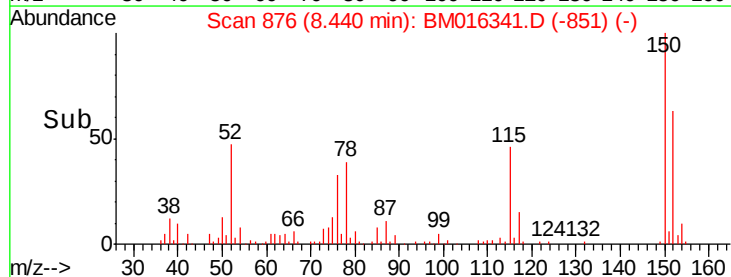
77 193.2 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016341.D (-851) (-)

Ion 108.00 (107.70 to 108.70): BM016341.D (-851) (-)

Ion 77.00 (76.70 to 77.70): BM016341.D (-851) (-)

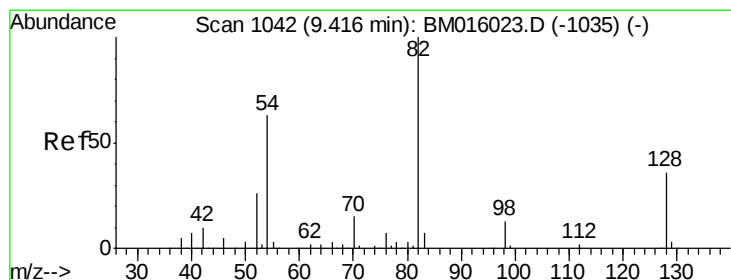
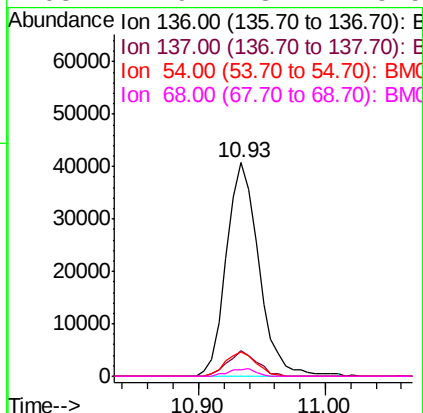
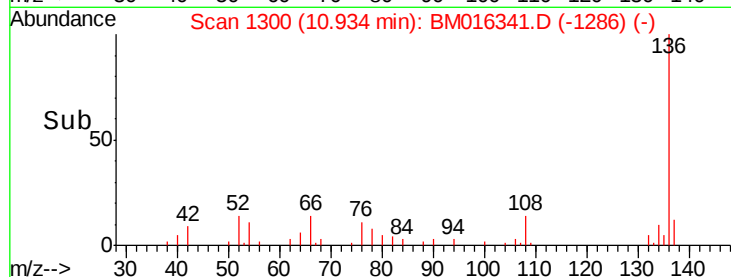
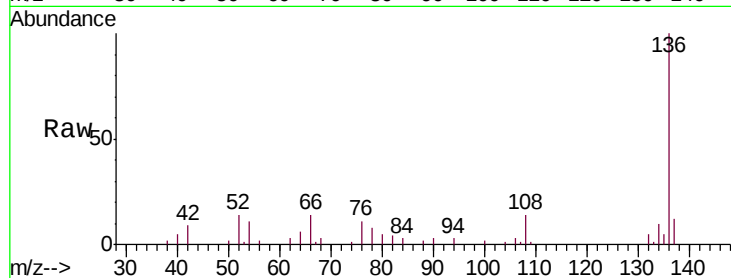




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1300  
Delta R.T. -0.02 min  
Lab File: BM016341.D  
Acq: 14 Aug 2018 01:56

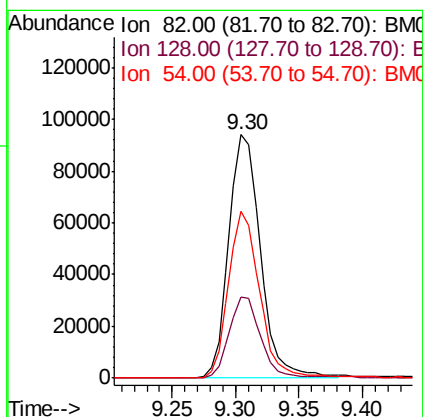
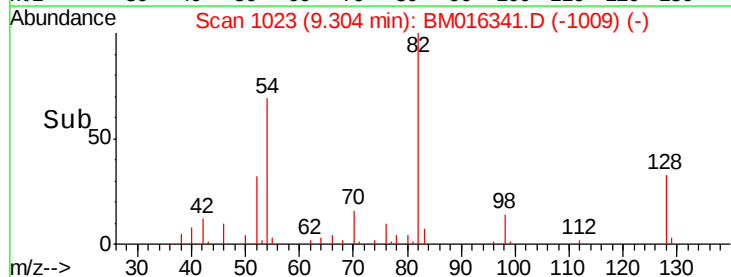
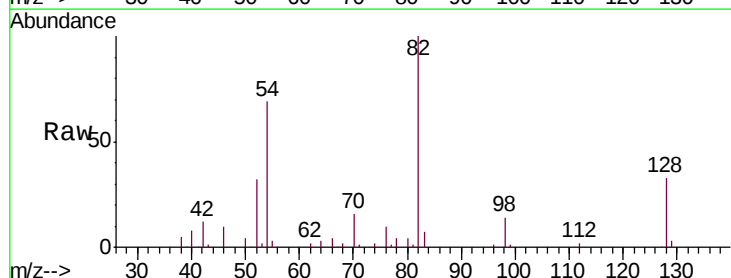
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1-6

Tgt Ion: 136 Resp: 72394  
Ion Ratio Lower Upper  
136 100  
137 12.1 8.7 13.1  
54 11.4 4.6 6.8#  
68 2.9 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: BM016341.D  
Acq: 14 Aug 2018 01:56

Tgt Ion: 82 Resp: 163648  
Ion Ratio Lower Upper  
82 100  
128 33.2 32.8 49.2  
54 68.7 40.6 60.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM016341.D

Acq: 14 Aug 2018 01:56

Instrument :

BNA\_M

ClientSampleId :

SP-1-6

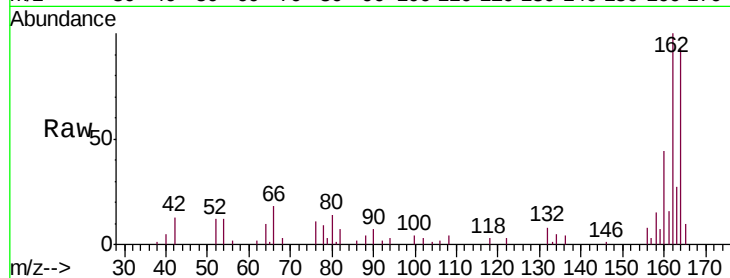
Tgt Ion:164 Resp: 33556

Ion Ratio Lower Upper

164 100

162 107.6 82.4 123.6

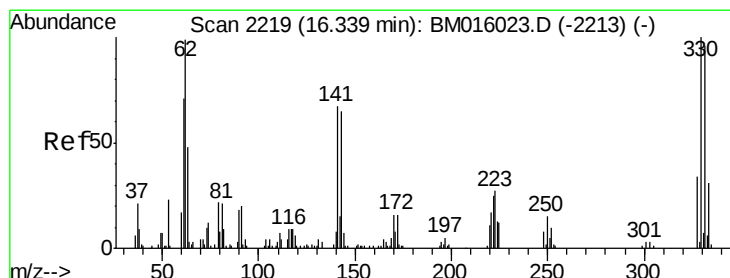
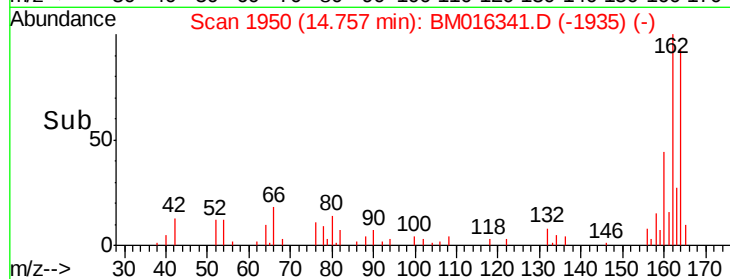
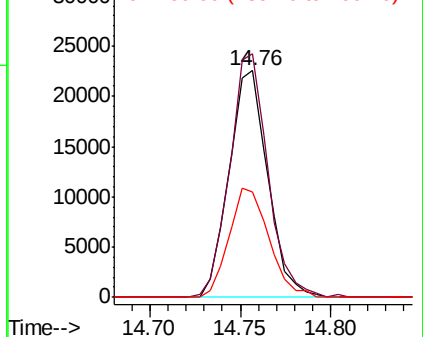
160 46.8 35.8 53.6



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: BM016341.D

Acq: 14 Aug 2018 01:56

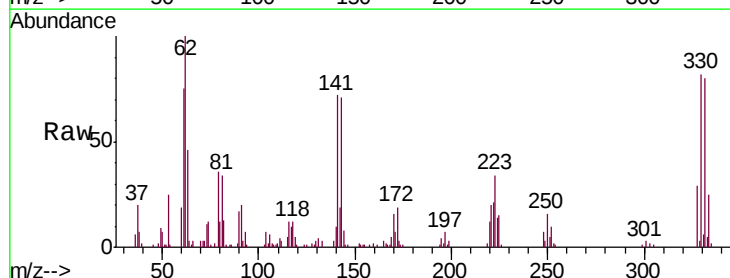
Tgt Ion:330 Resp: 52222

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

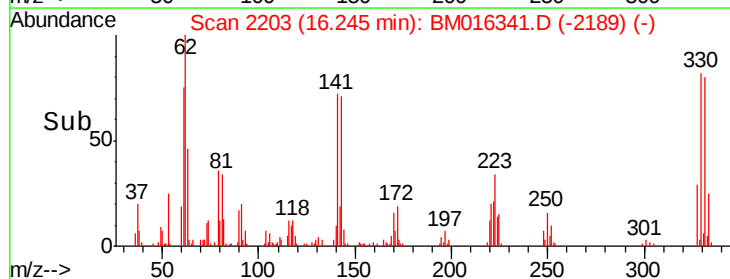
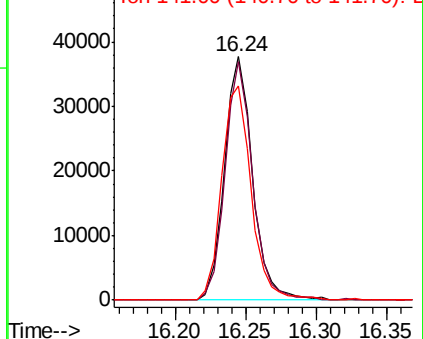
141 92.3 0.0 0.0#



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

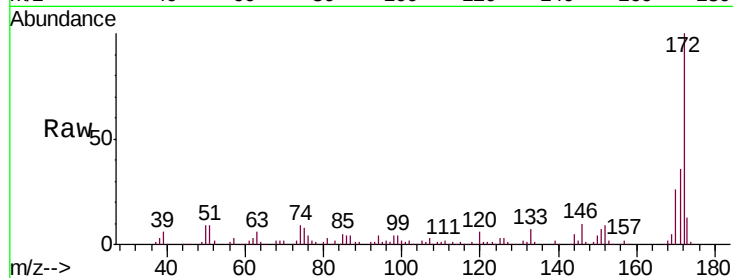




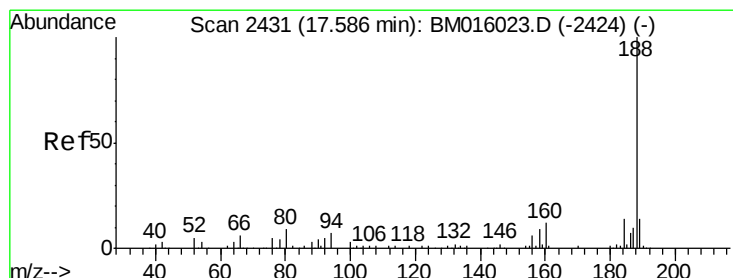
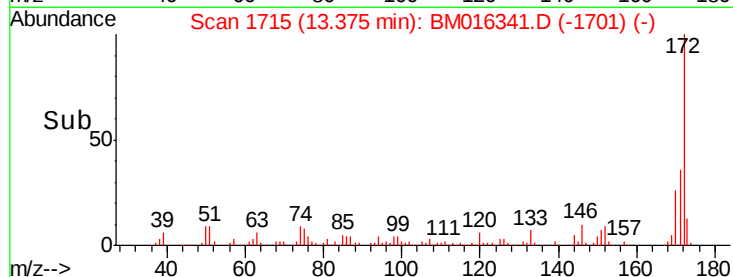
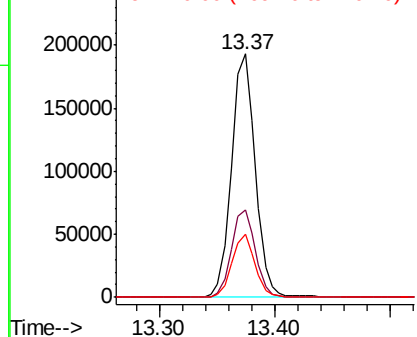
#44  
 2-Fluorobiphenyl  
 Concen: N.D. ng  
 RT: 13.37 min Scan# 1715  
 Delta R.T. -0.02 min  
 Lab File: BM016341.D  
 Acq: 14 Aug 2018 01:56

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SP-1-6

Tgt Ion:172 Resp: 275266  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 28.5 42.7  
 170 25.9 18.8 28.2

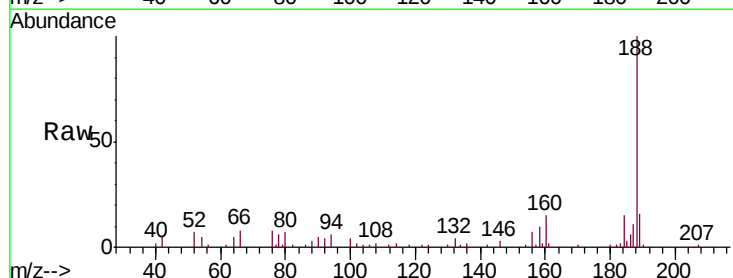


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

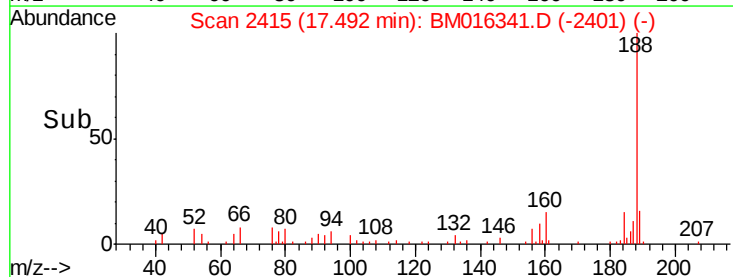
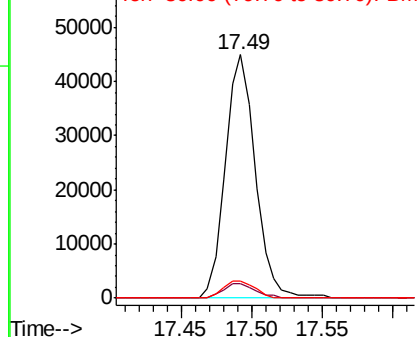


#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.49 min Scan# 2415  
 Delta R.T. -0.02 min  
 Lab File: BM016341.D  
 Acq: 14 Aug 2018 01:56

Tgt Ion:188 Resp: 66329  
 Ion Ratio Lower Upper  
 188 100  
 94 6.1 8.7 13.1#  
 80 6.9 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

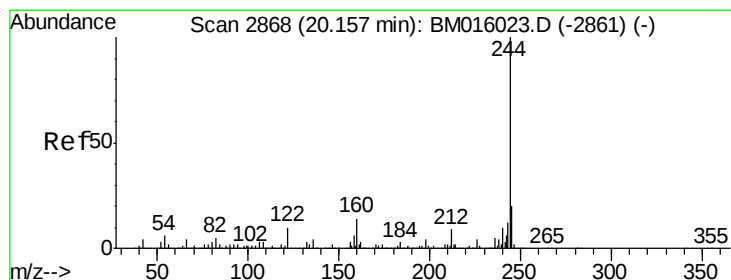
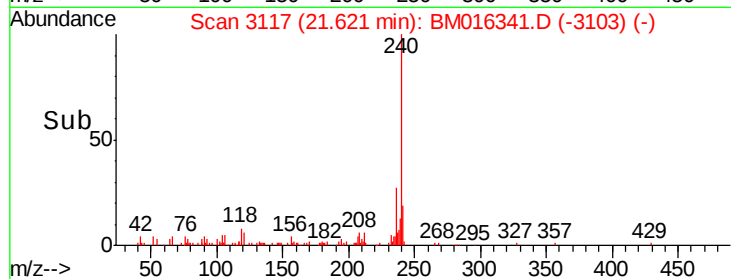
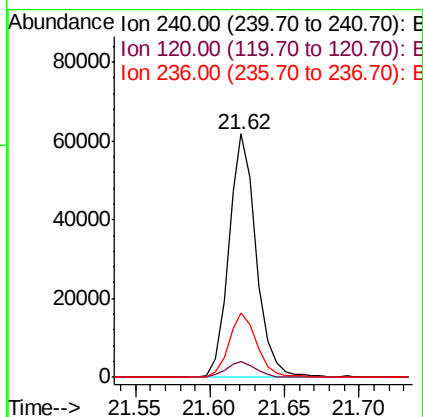
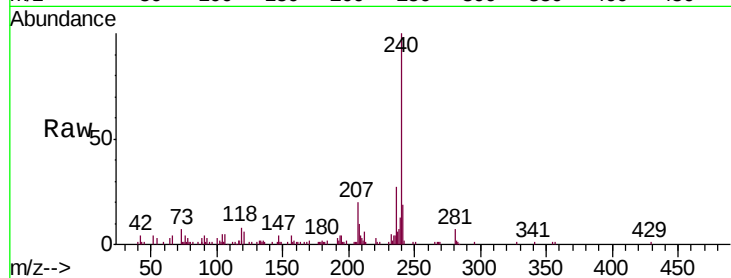




#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.62 min Scan# 3117  
Delta R.T. -0.02 min  
Lab File: BM016341.D  
Acq: 14 Aug 2018 01:56

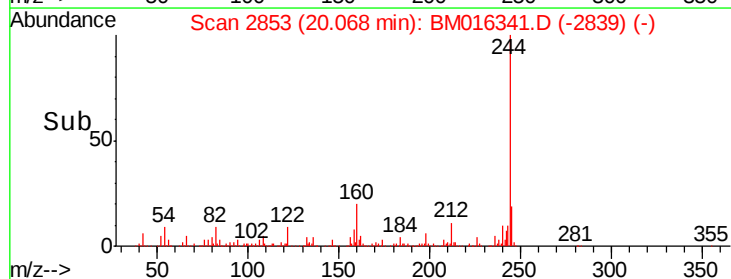
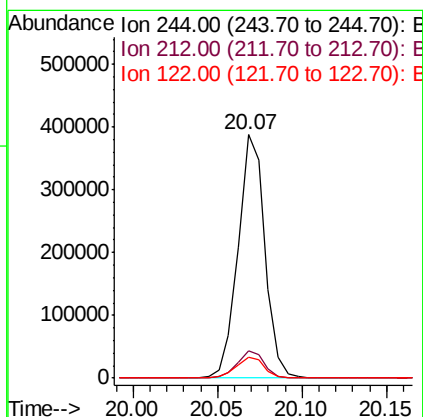
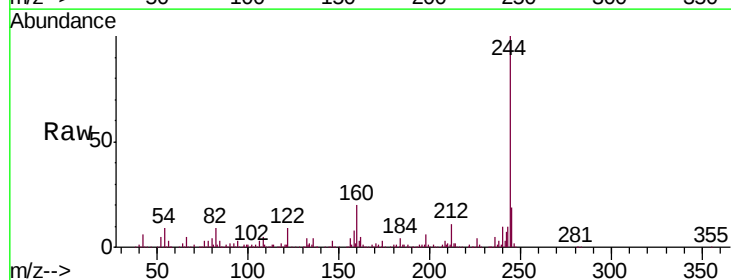
Instrument :  
BNA\_M  
ClientSampleId :  
SP-1-6

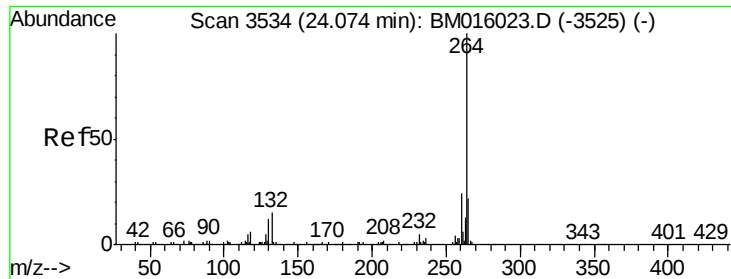
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.5   | 8.2   | 12.2# |
| 236     | 26.6  | 20.0  | 30.0  |



#78  
Terphenyl-d14  
Concen: N.D. ng  
RT: 20.07 min Scan# 2853  
Delta R.T. -0.02 min  
Lab File: BM016341.D  
Acq: 14 Aug 2018 01:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 11.3  | 4.9   | 7.3#  |
| 122     | 8.6   | 6.2   | 9.4   |





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.95 min Scan# 3513  
Delta R.T. -0.02 min  
Lab File: BM016341.D  
Acq: 14 Aug 2018 01:56

Instrument :  
BNA\_M  
ClientSampleId :  
SP-1-6

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 18.6  | 27.8  |
| 265     | 23.9  | 17.3  | 25.9  |

