

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\  
 Data File : BM018941.D  
 Acq On : 26 Feb 2019 22:14  
 Operator : JU/SJ  
 Sample : K1620-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-01

Quant Time: Feb 27 00:58:01 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

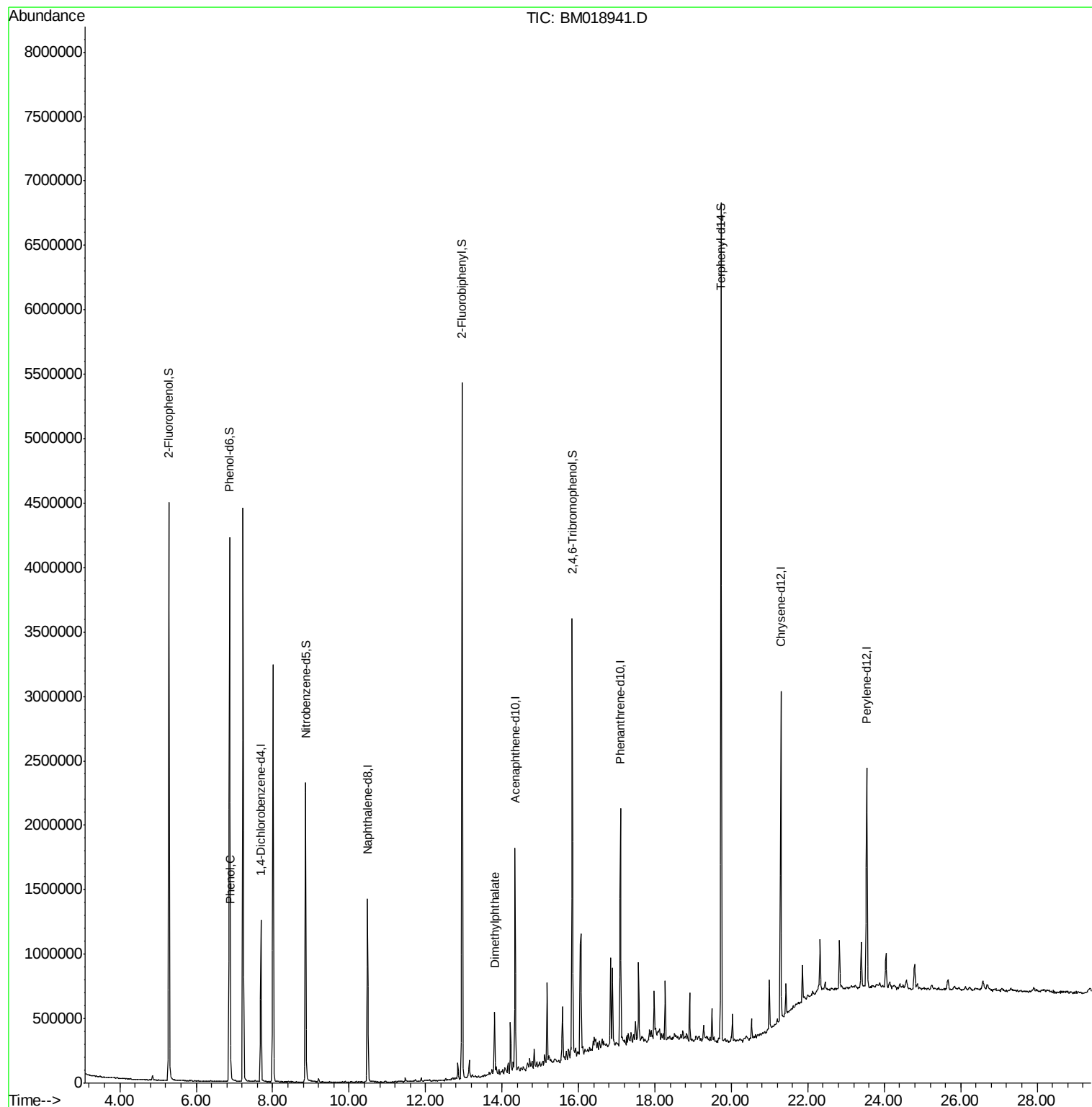
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.69  | 152  | 312009   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.48 | 136  | 1161561  | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.34 | 164  | 545641   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.10 | 188  | 1027279  | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.29 | 240  | 1086297  | 20.00 | ng    | -0.02    |
| 87) Perylene-d12            | 23.54 | 264  | 1211191  | 20.00 | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.29  | 112  | 1754876  | 92.16 | ng    | -0.02    |
| 7) Phenol-d6                | 6.87  | 99   | 2353586  | 87.73 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.86  | 82   | 1505189  | 59.92 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.84 | 330  | 583464   | 74.18 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.96 | 172  | 2565001  | 62.40 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.73 | 244  | 2942403  | 55.88 | ng    | -0.01    |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.89  | 94   | 82784    | 2.933 | ng    | 87       |
| 50) Dimethylphthalate       | 13.80 | 163  | 137481   | 3.023 | ng    | 98       |

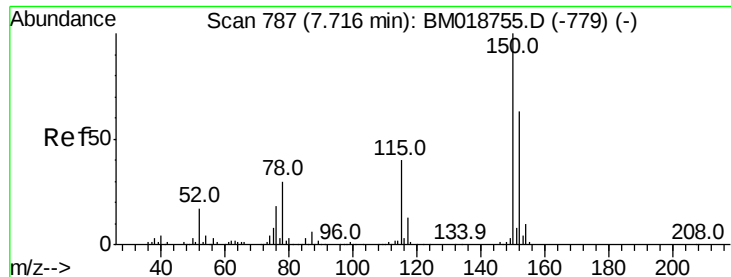
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\  
Data File : BM018941.D  
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Sample : K1620-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SB-01

Quant Time: Feb 27 00:58:01 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



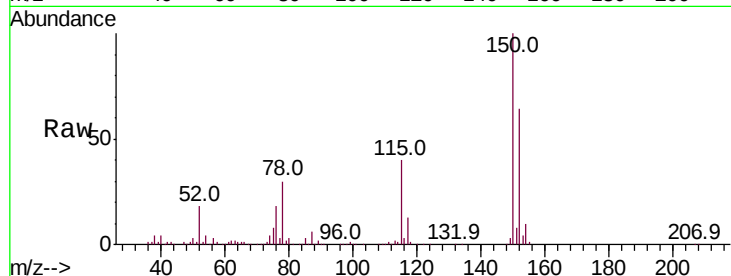


#1

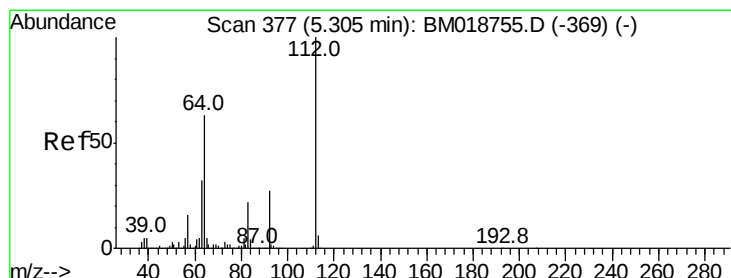
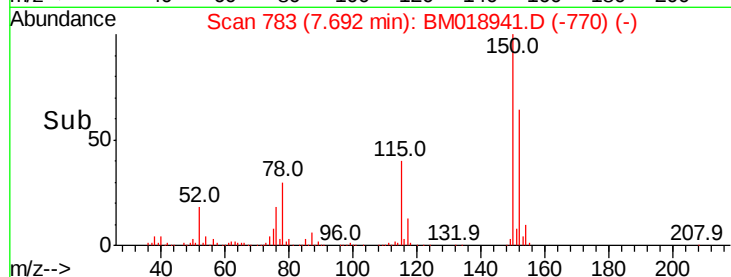
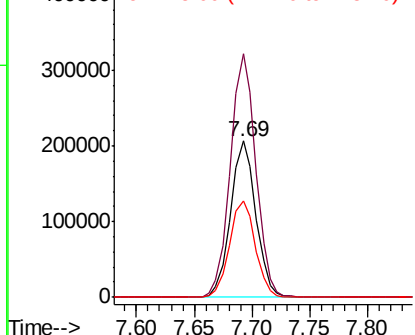
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.69 min Scan# 783  
Delta R.T. -0.02 min  
Lab File: BM018941.D  
Acq: 26 Feb 2019 22:14

Instrument :  
BNA\_M  
ClientSampleId :  
SB-01

Tot Ion:152 Resp: 312009  
Ion Ratio Lower Upper  
152 100  
150 156.1 127.3 190.9  
115 62.2 50.8 76.2



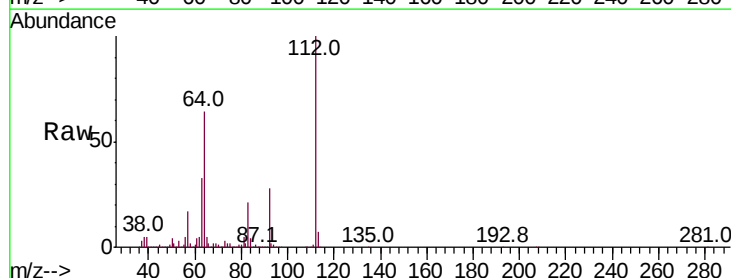
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



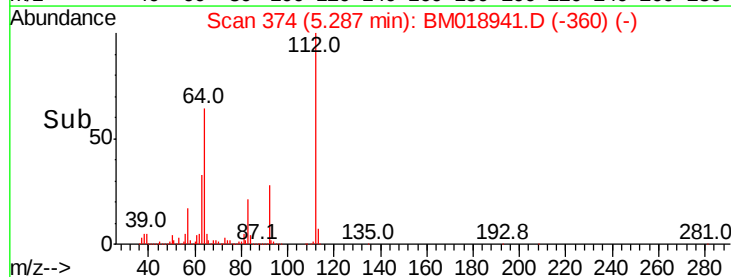
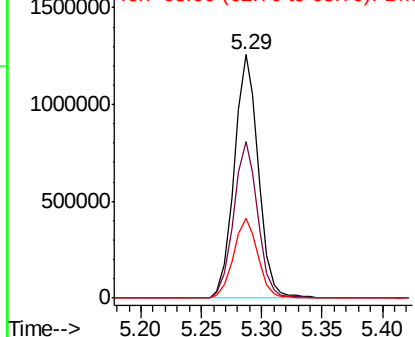
#5

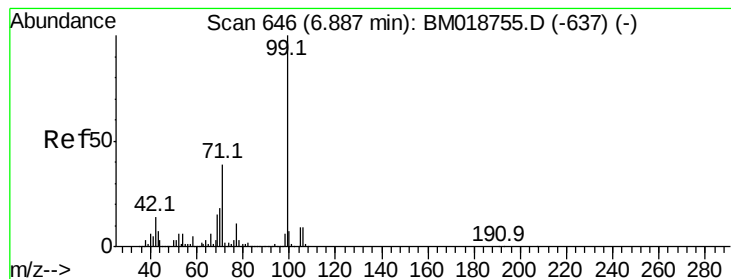
2-Fluorophenol  
Concen: 92.155 ng  
RT: 5.29 min Scan# 374  
Delta R.T. -0.02 min  
Lab File: BM018941.D  
Acq: 26 Feb 2019 22:14

Tgt Ion:112 Resp: 1754876  
Ion Ratio Lower Upper  
112 100  
64 64.1 50.6 75.8  
63 32.7 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: 87.734 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018941.D

Acq: 26 Feb 2019 22:14

Instrument :

BNA\_M

ClientSampleId :

SB-01

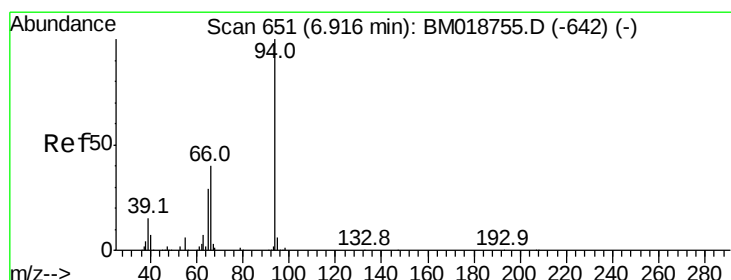
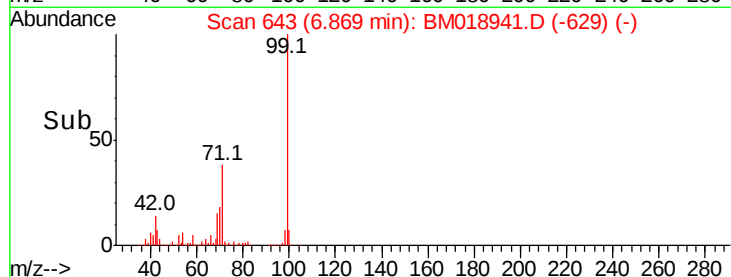
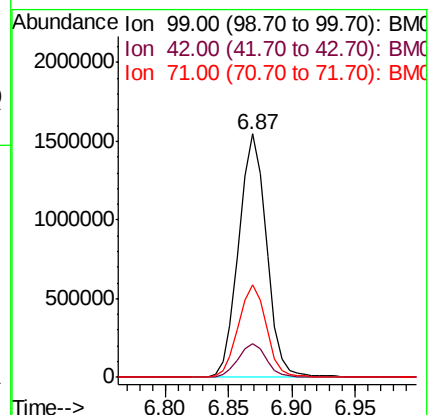
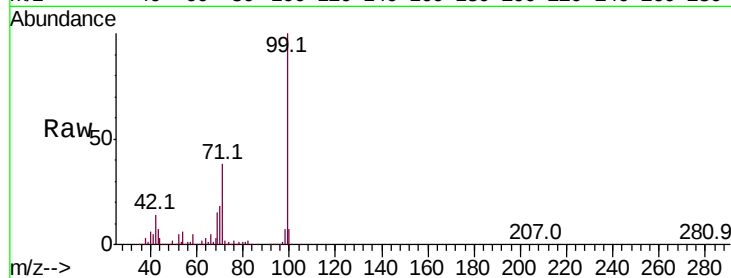
Tot Ion: 99 Resp: 2353586

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 38.3 31.3 46.9



#10

Phenol

Concen: 2.933 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018941.D

Acq: 26 Feb 2019 22:14

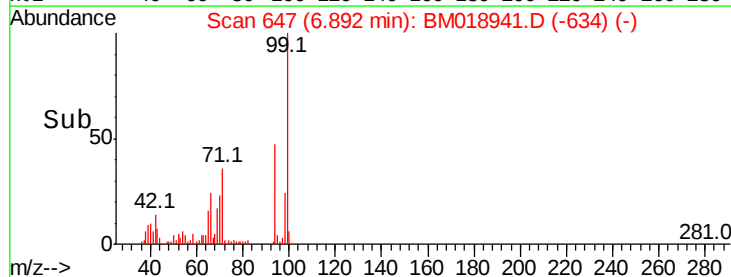
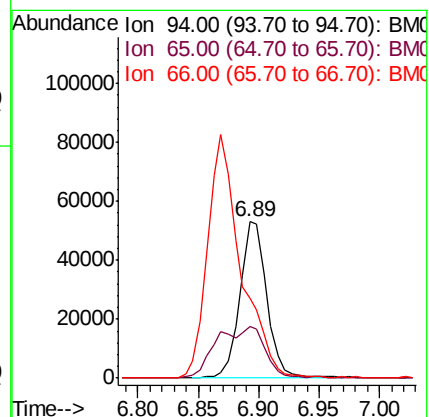
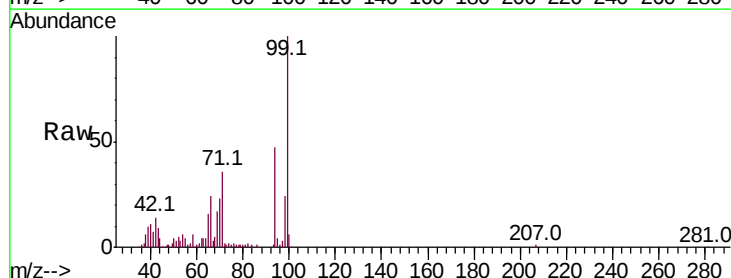
Tgt Ion: 94 Resp: 82784

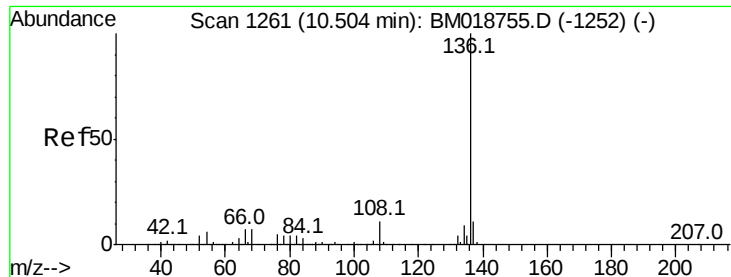
Ion Ratio Lower Upper

94 100

65 33.3 9.6 49.6

66 50.8 20.4 60.4

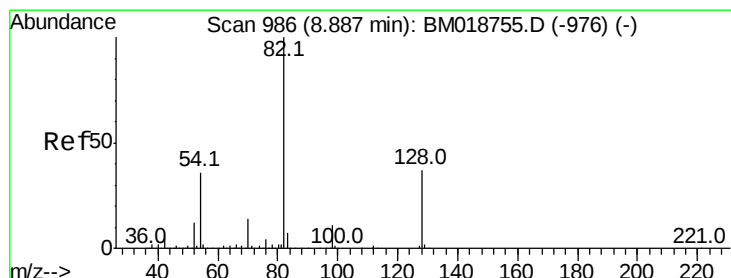
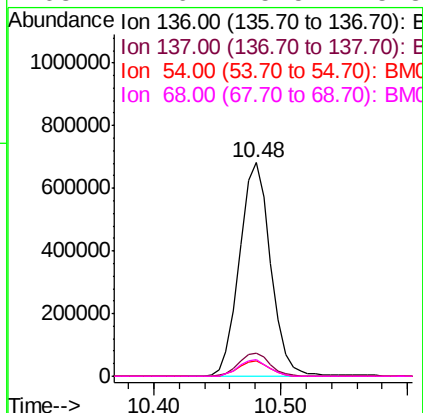
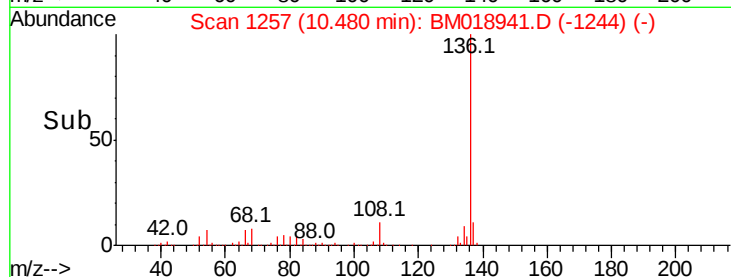
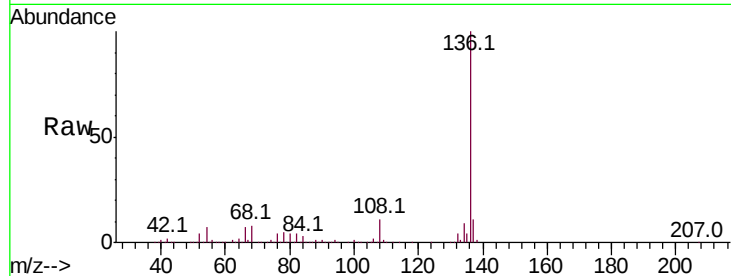




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.48 min Scan# 1257  
Delta R.T. -0.02 min  
Lab File: BM018941.D  
Acq: 26 Feb 2019 22:14

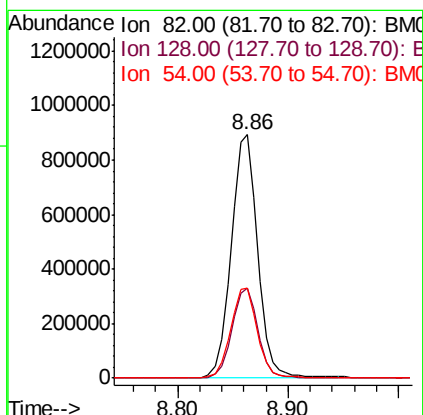
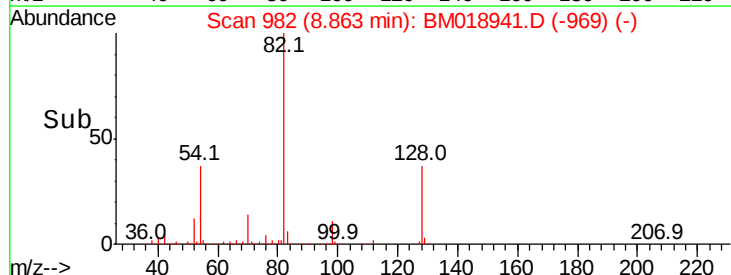
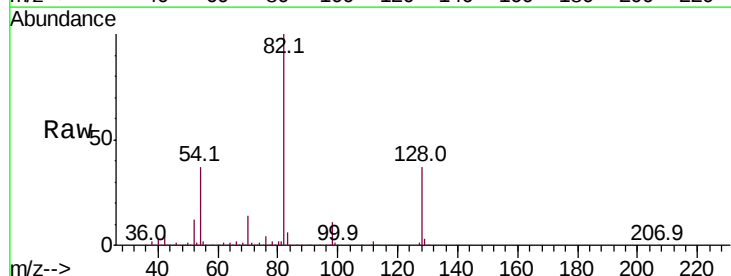
Instrument :  
BNA\_M  
ClientSampled :  
SB-01

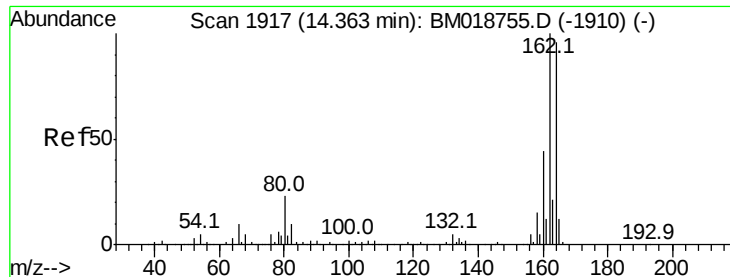
Tot Ion:136 Resp: 1161561  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 6.9 5.0 7.6  
68 7.6 5.5 8.3



#23  
Nitrobenzene-d5  
Concen: 59.918 ng  
RT: 8.86 min Scan# 982  
Delta R.T. -0.02 min  
Lab File: BM018941.D  
Acq: 26 Feb 2019 22:14

Tgt Ion: 82 Resp: 1505189  
Ion Ratio Lower Upper  
82 100  
128 37.2 29.9 44.9  
54 37.2 29.1 43.7

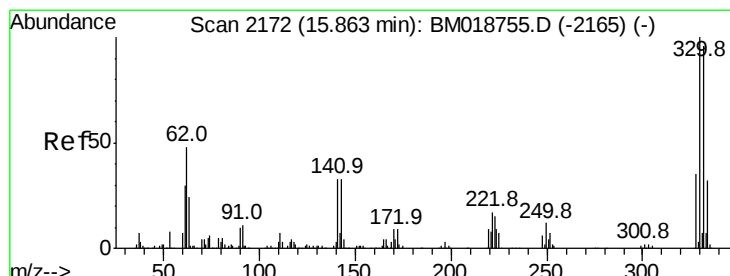
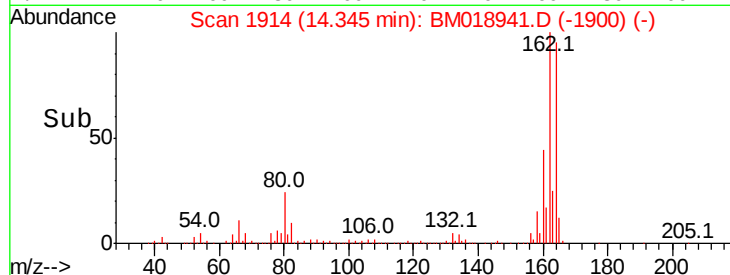
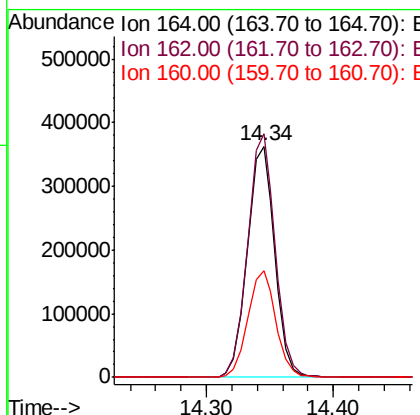
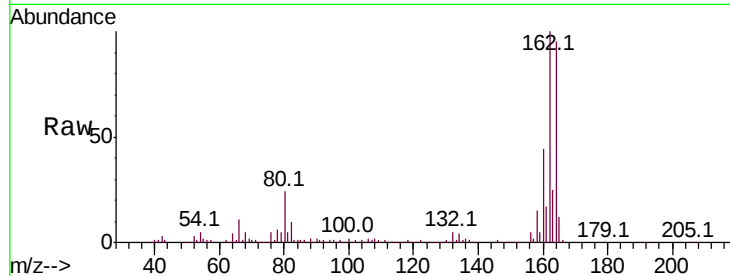




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.34 min Scan# 1914  
 Delta R.T. -0.02 min  
 Lab File: BM018941.D  
 Acq: 26 Feb 2019 22:14

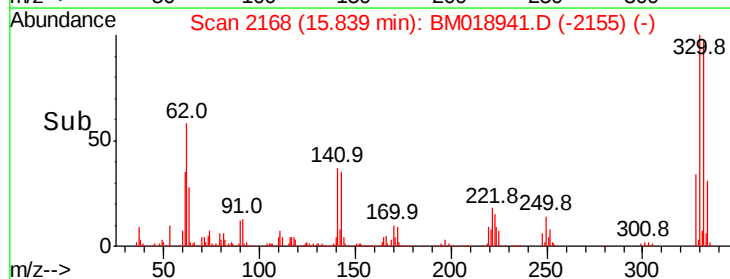
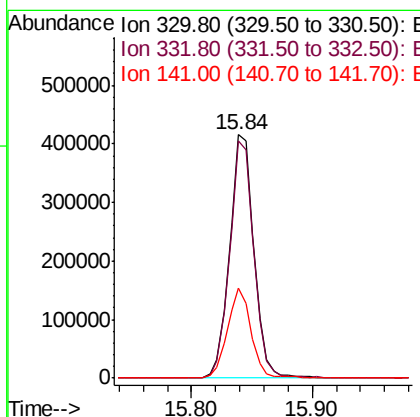
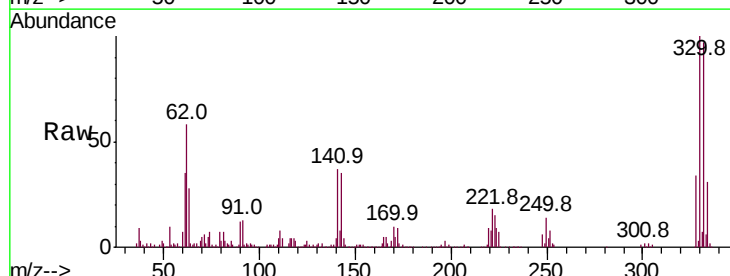
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-01

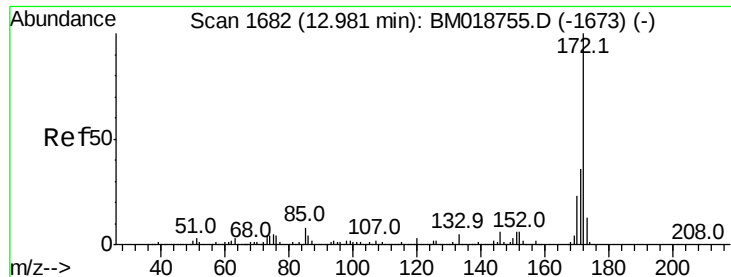
Tot Ion:164 Resp: 545641  
 Ion Ratio Lower Upper  
 164 100  
 162 105.2 83.4 125.0  
 160 46.3 36.6 55.0



#42  
 2,4,6-Tribromophenol  
 Concen: 74.182 ng  
 RT: 15.84 min Scan# 2168  
 Delta R.T. -0.02 min  
 Lab File: BM018941.D  
 Acq: 26 Feb 2019 22:14

Tgt Ion:330 Resp: 583464  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 76.9 115.3  
 141 35.8 28.7 43.1

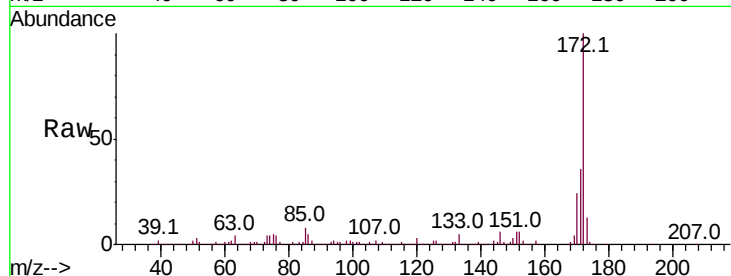




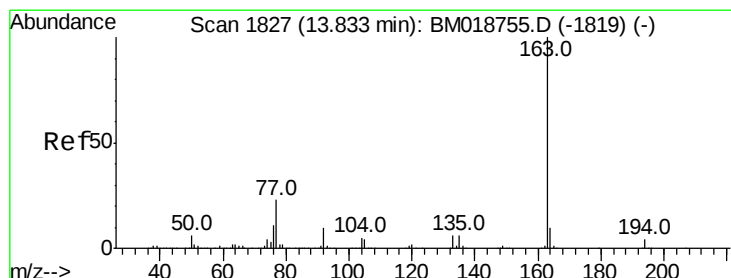
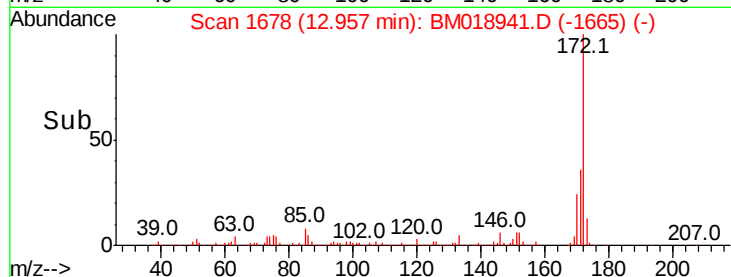
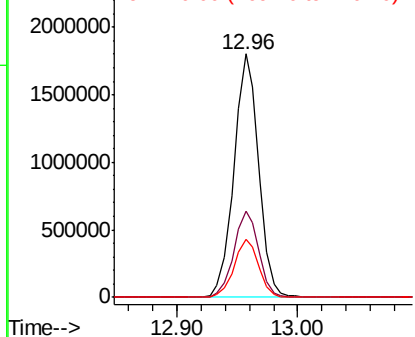
#45  
2-Fluorobiphenyl  
Concen: 62.403 ng  
RT: 12.96 min Scan# 1678  
Delta R.T. -0.02 min  
Lab File: BM018941.D  
Acq: 26 Feb 2019 22:14

Instrument :  
BNA\_M  
ClientSampled :  
SB-01

Tot Ion:172 Resp: 2565001  
Ion Ratio Lower Upper  
172 100  
171 35.6 29.0 43.6  
170 23.6 18.6 28.0

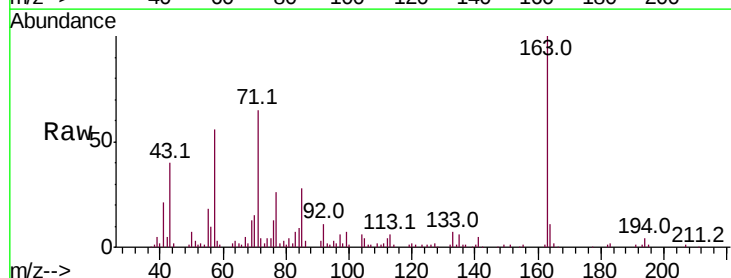


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

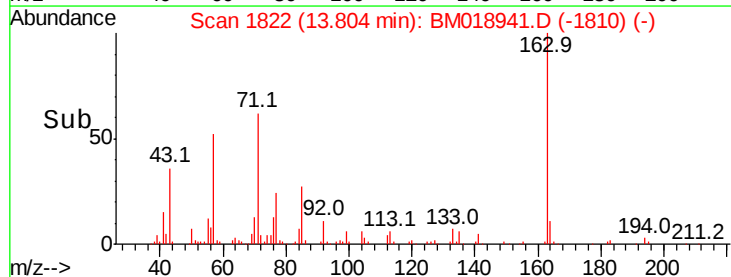
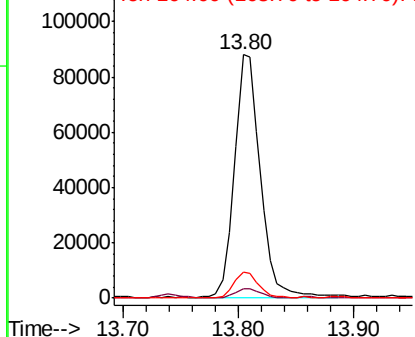


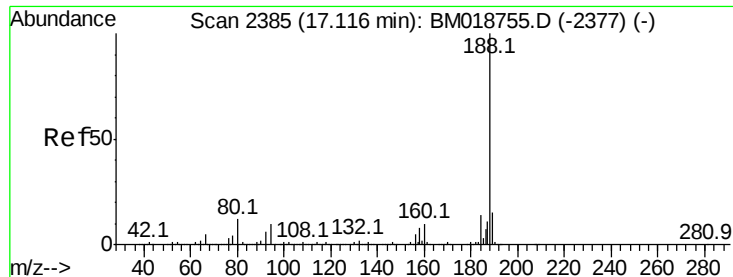
#50  
Dimethylphthalate  
Concen: 3.023 ng  
RT: 13.80 min Scan# 1822  
Delta R.T. -0.03 min  
Lab File: BM018941.D  
Acq: 26 Feb 2019 22:14

Tgt Ion:163 Resp: 137481  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.9 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

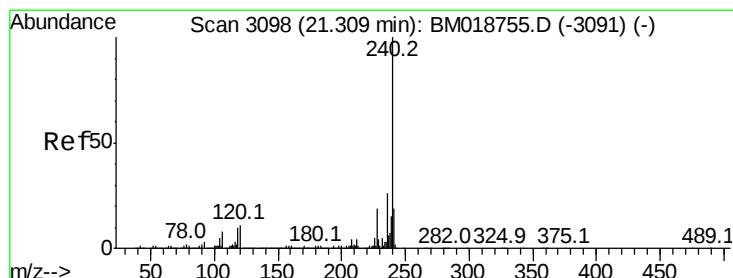
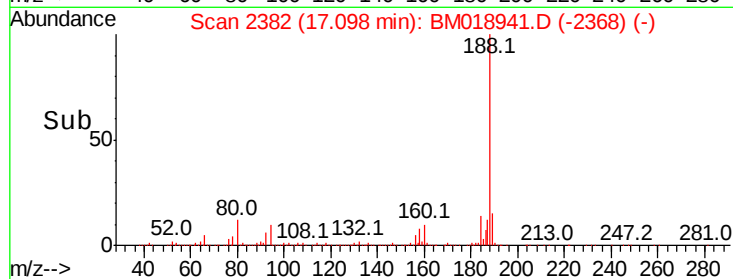
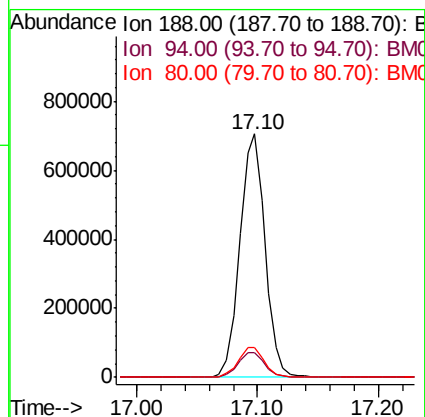
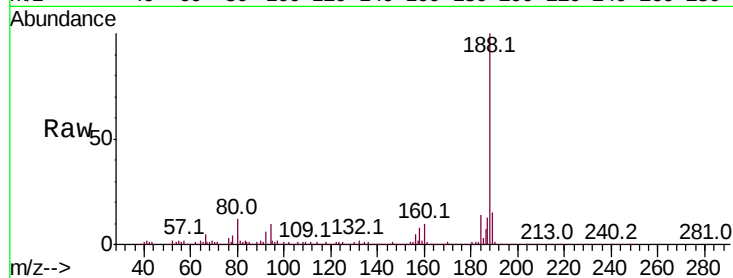




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.10 min Scan# 2382  
Delta R.T. -0.02 min  
Lab File: BM018941.D  
Acq: 26 Feb 2019 22:14

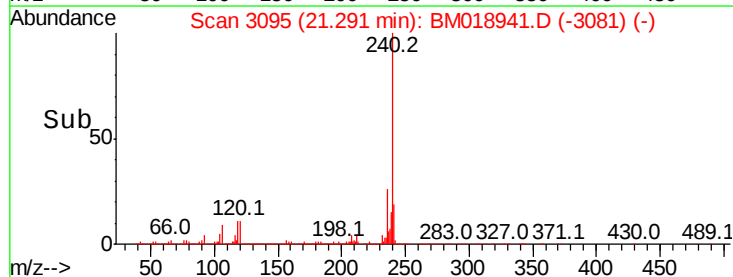
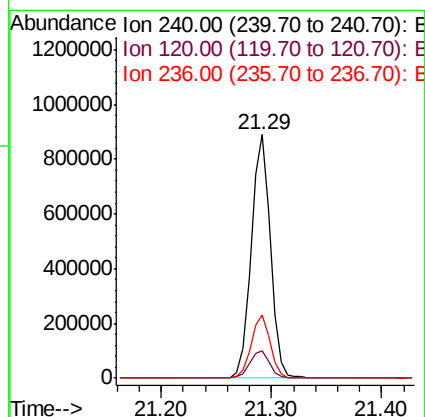
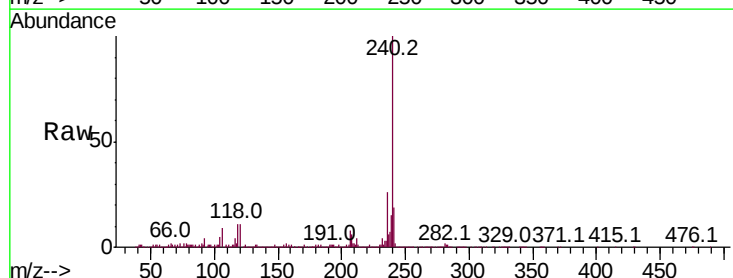
Instrument :  
BNA\_M  
ClientSampleId :  
SB-01

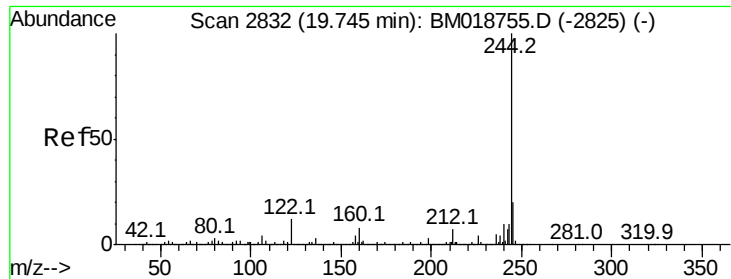
Tot Ion:188 Resp: 1027279  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.2 12.2  
80 12.5 9.7 14.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.29 min Scan# 3095  
Delta R.T. -0.02 min  
Lab File: BM018941.D  
Acq: 26 Feb 2019 22:14

Tgt Ion:240 Resp: 1086297  
Ion Ratio Lower Upper  
240 100  
120 11.4 8.9 13.3  
236 26.1 20.9 31.3

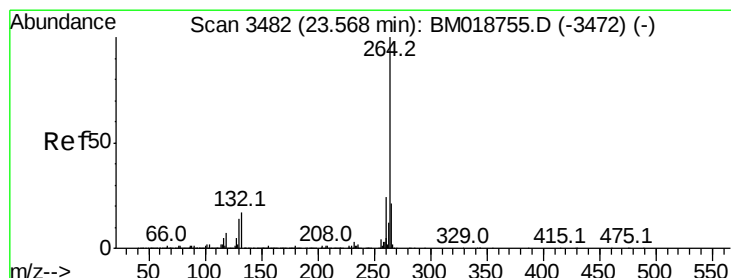
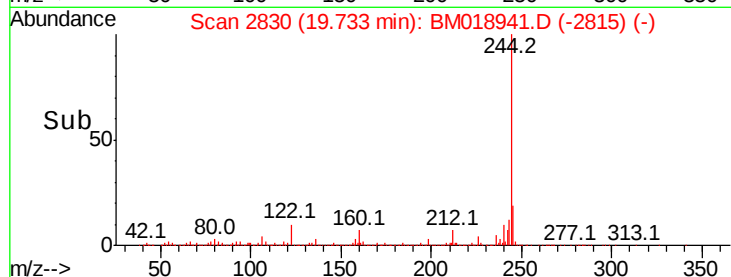
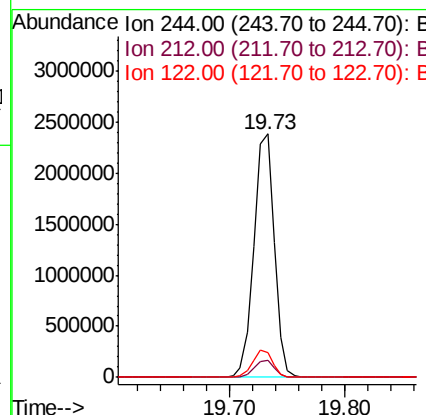
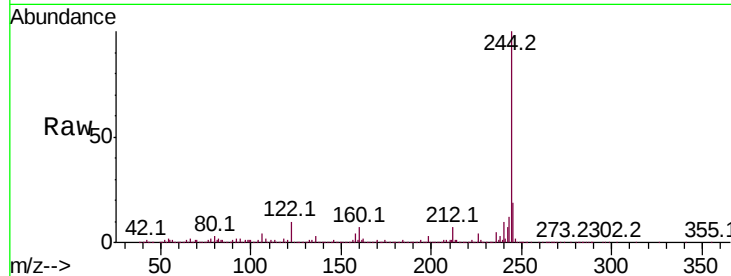




#79  
 Terphenyl-d14  
 Concen: 55.877 ng  
 RT: 19.73 min Scan# 2830  
 Delta R.T. -0.01 min  
 Lab File: BM018941.D  
 Acq: 26 Feb 2019 22:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-01

Tot Ion:244 Resp: 2942403  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 10.2 9.3 13.9



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.54 min Scan# 3477  
 Delta R.T. -0.03 min  
 Lab File: BM018941.D  
 Acq: 26 Feb 2019 22:14

Tgt Ion:264 Resp: 1211191  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.9 28.3  
 265 21.7 17.3 25.9

