

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM022619\  
 Data File : BM018933.D  
 Acq On : 26 Feb 2019 17:22  
 Operator : JU/SJ  
 Sample : K1620-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-03

Quant Time: Feb 27 00:03:29 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

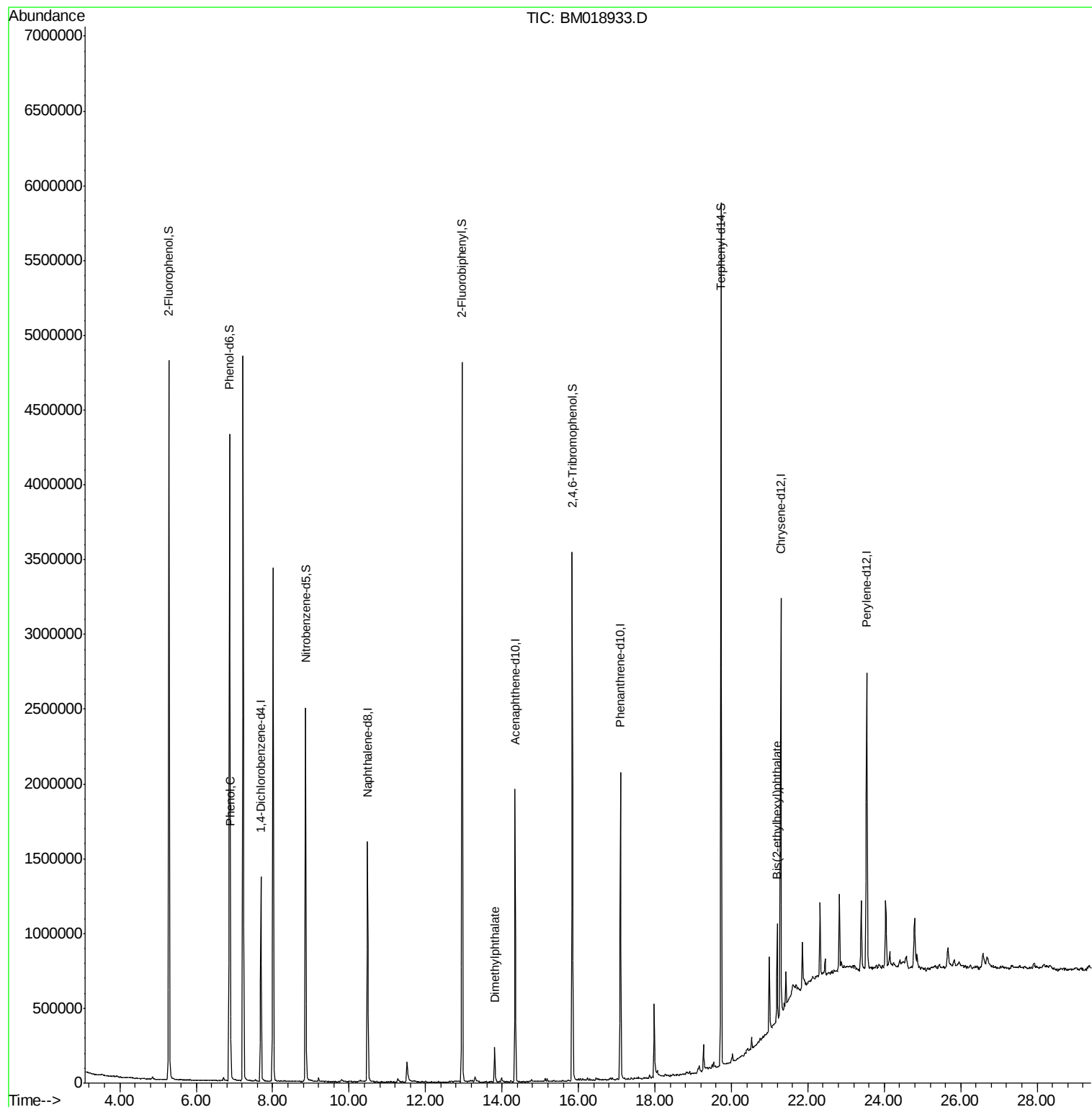
| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min)   |
|--------------------------------|-------|------|----------|-----------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.69  | 152  | 346907   | 20.00     | ng    | -0.02      |
| 21) Naphthalene-d8             | 10.48 | 136  | 1283684  | 20.00     | ng    | -0.02      |
| 39) Acenaphthene-d10           | 14.34 | 164  | 597734   | 20.00     | ng    | -0.02      |
| 64) Phenanthrene-d10           | 17.10 | 188  | 1131410  | 20.00     | ng    | -0.02      |
| 76) Chrysene-d12               | 21.29 | 240  | 1238686  | 20.00     | ng    | -0.02      |
| 87) Perylene-d12               | 23.54 | 264  | 1410690  | 20.00     | ng    | -0.02      |
| System Monitoring Compounds    |       |      |          |           |       |            |
| 5) 2-Fluorophenol              | 5.29  | 112  | 1902322  | 89.85     | ng    | -0.02      |
| 7) Phenol-d6                   | 6.87  | 99   | 2513222  | 84.26     | ng    | -0.02      |
| 23) Nitrobenzene-d5            | 8.86  | 82   | 1614560  | 58.16     | ng    | -0.02      |
| 42) 2,4,6-Tribromophenol       | 15.84 | 330  | 620316   | 71.99     | ng    | -0.02      |
| 45) 2-Fluorobiphenyl           | 12.96 | 172  | 2309573  | 51.29     | ng    | -0.02      |
| 79) Terphenyl-d14              | 19.73 | 244  | 2508044  | 41.77     | ng    | -0.02      |
| Target Compounds               |       |      |          |           |       |            |
| 9) Benzaldehyde                | 6.87  | 77   | 7829     | Below Cal |       | Qvalue # 7 |
| 10) Phenol                     | 6.89  | 94   | 157972   | 5.034     | ng    | 93         |
| 50) Dimethylphthalate          | 13.81 | 163  | 156052   | 3.133     | ng    | 99         |
| 84) Bis(2-ethylhexyl)phthalate | 21.20 | 149  | 222583   | 4.638     | ng    | 100        |

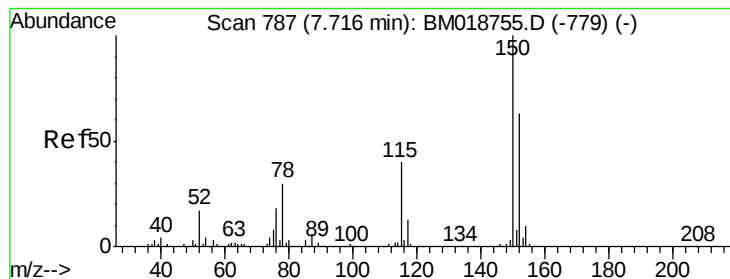
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM021119.M  
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QLast Update : Mon Feb 11 16:02:12 2019  
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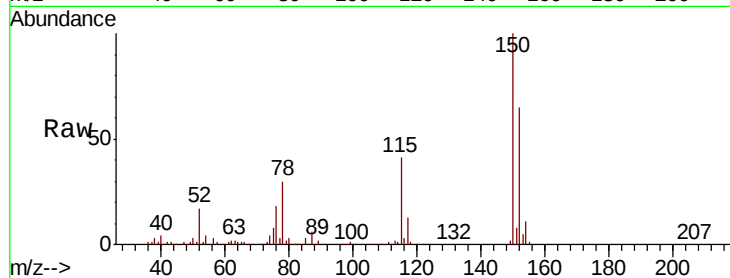


#1

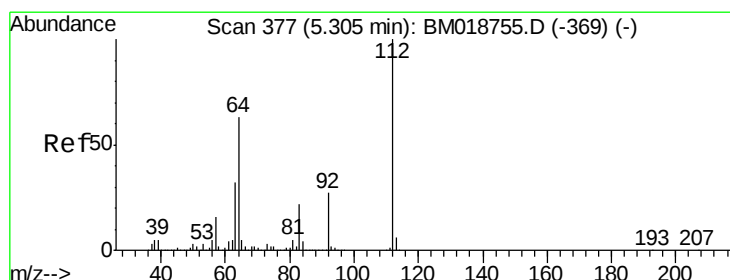
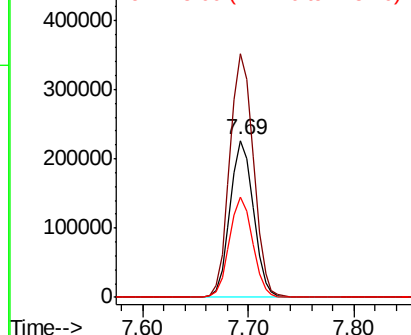
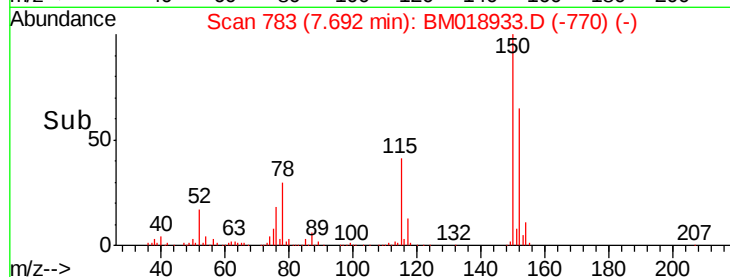
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.69 min Scan# 783  
Delta R.T. -0.02 min  
Lab File: BM018933.D  
Acq: 26 Feb 2019 17:22

Instrument :  
BNA\_M  
ClientSampled :  
SB-03

Tgt Ion:152 Resp: 346907  
Ion Ratio Lower Upper  
152 100  
150 154.9 127.3 190.9  
115 63.4 50.8 76.2



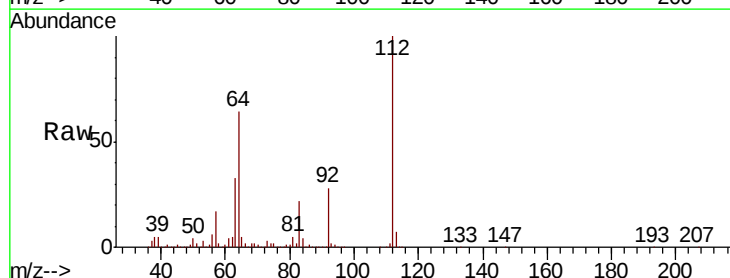
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



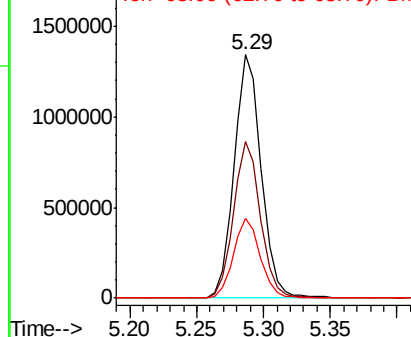
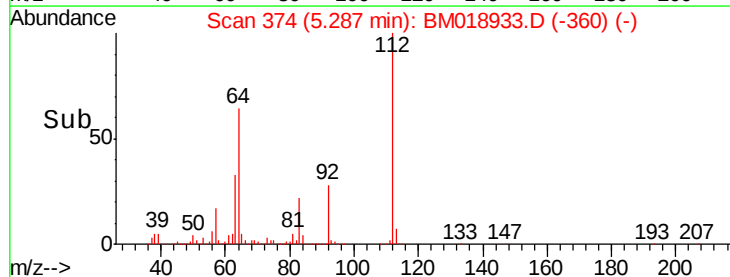
#5

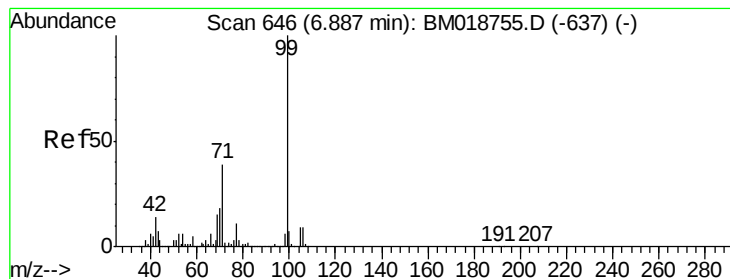
2-Fluorophenol  
Concen: 89.848 ng  
RT: 5.29 min Scan# 374  
Delta R.T. -0.02 min  
Lab File: BM018933.D  
Acq: 26 Feb 2019 17:22

Tgt Ion:112 Resp: 1902322  
Ion Ratio Lower Upper  
112 100  
64 64.4 50.6 75.8  
63 33.0 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: 84.260 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

Instrument :

BNA\_M

ClientSampleId :

SB-03

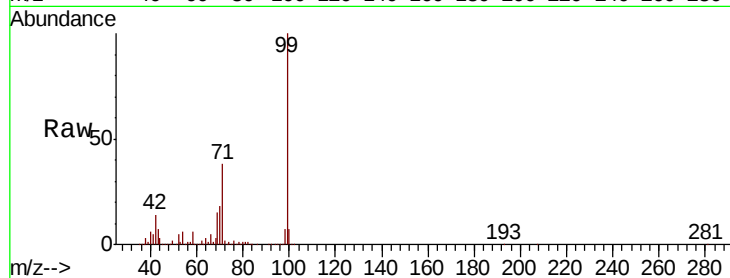
Tgt Ion: 99 Resp: 2513222

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

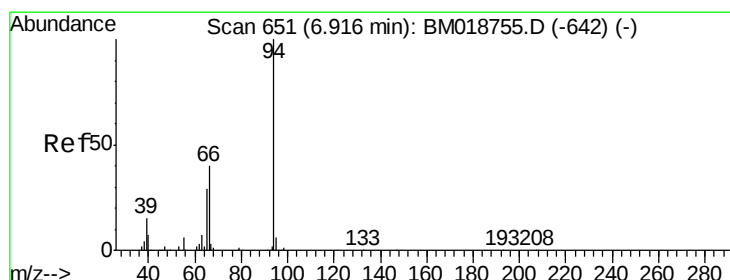
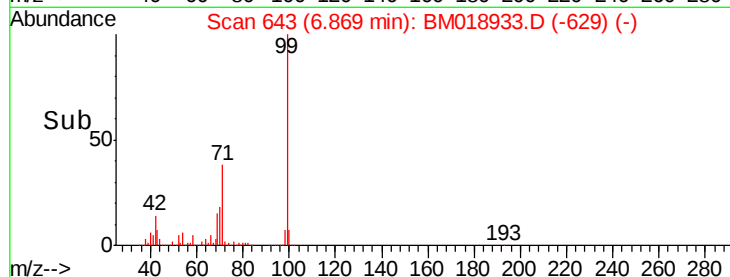
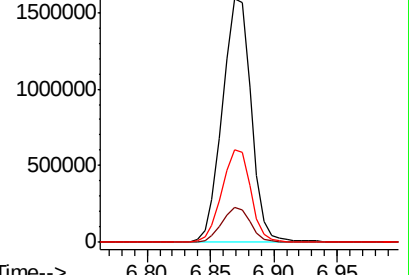
71 38.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018933.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018933.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018933.D (-629) (-)



#10

Phenol

Concen: 5.034 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

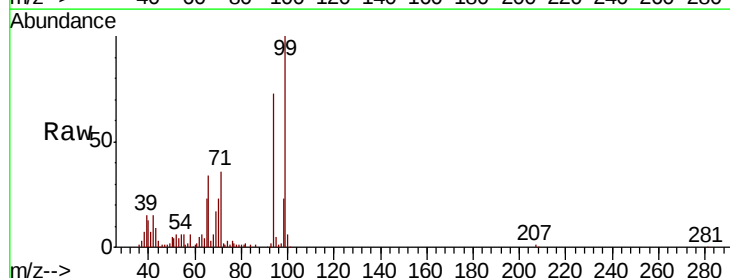
Tgt Ion: 94 Resp: 157972

Ion Ratio Lower Upper

94 100

65 31.5 9.6 49.6

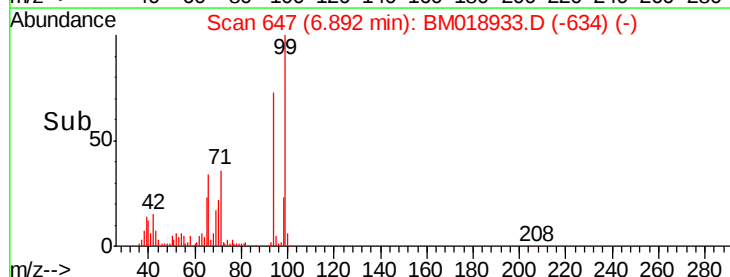
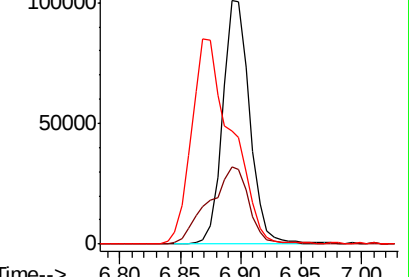
66 46.6 20.4 60.4

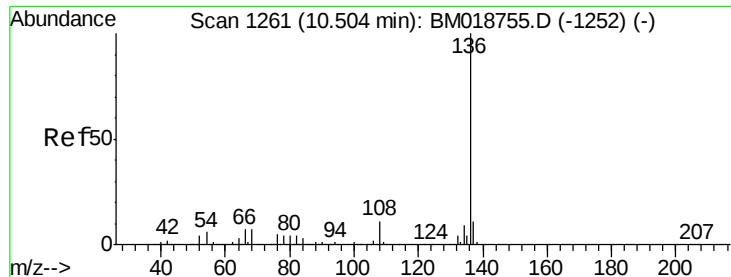


Abundance Ion 94.00 (93.70 to 94.70): BM018933.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018933.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018933.D (-634) (-)

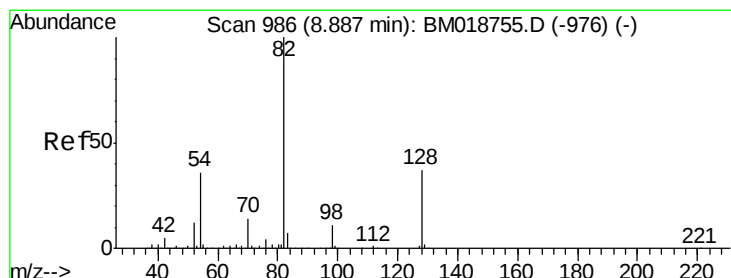
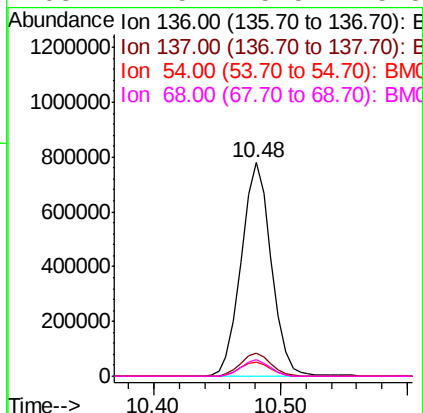
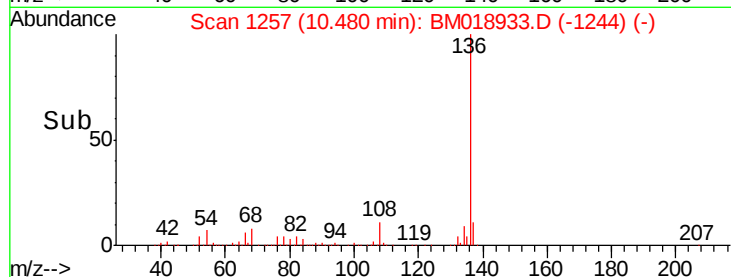
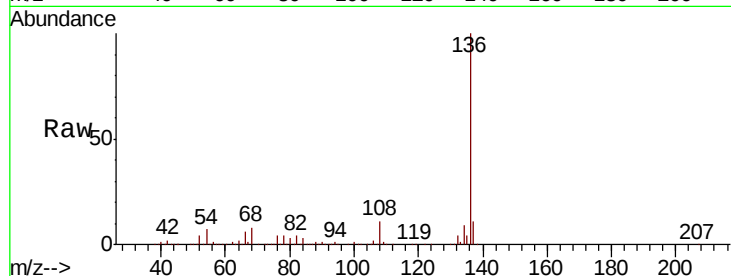




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.48 min Scan# 1257  
Delta R.T. -0.02 min  
Lab File: BM018933.D  
Acq: 26 Feb 2019 17:22

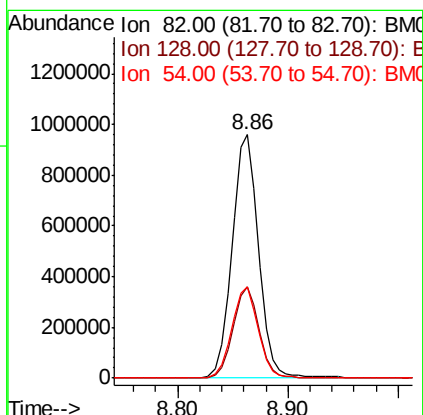
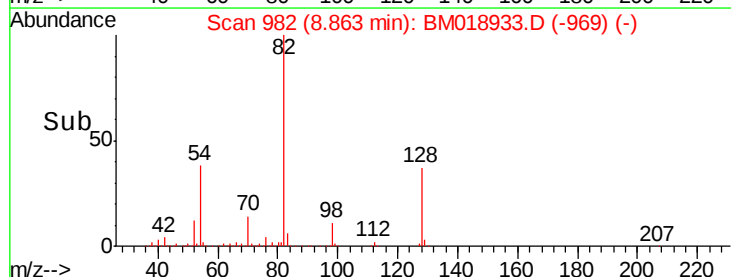
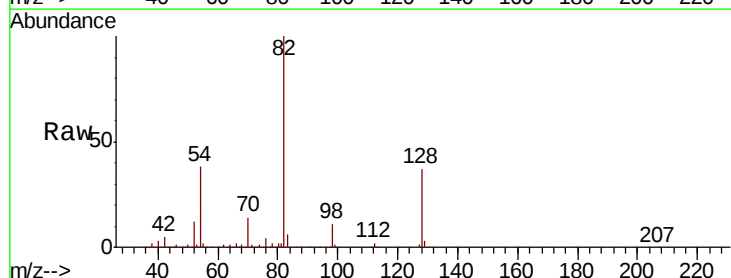
Instrument :  
BNA\_M  
ClientSampleId :  
SB-03

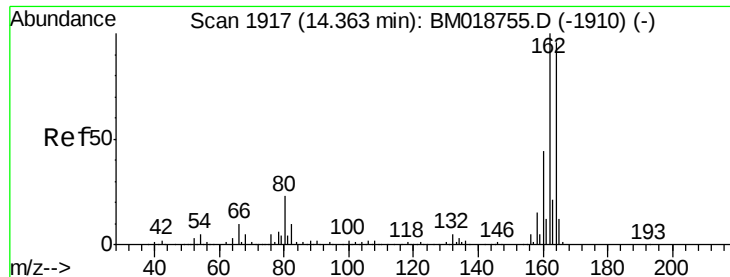
| Tgt Ion: | 136   | Resp: | 1283684 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 10.7  | 8.8   | 13.2    |
| 54       | 6.8   | 5.0   | 7.6     |
| 68       | 7.5   | 5.5   | 8.3     |



#23  
Nitrobenzene-d5  
Concen: 58.157 ng  
RT: 8.86 min Scan# 982  
Delta R.T. -0.02 min  
Lab File: BM018933.D  
Acq: 26 Feb 2019 17:22

| Tgt Ion: | 82    | Resp: | 1614560 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 37.3  | 29.9  | 44.9    |
| 54       | 37.6  | 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: BM018933.D

Acq: 26 Feb 2019 17:22

Instrument :

BNA\_M

ClientSampled :

SB-03

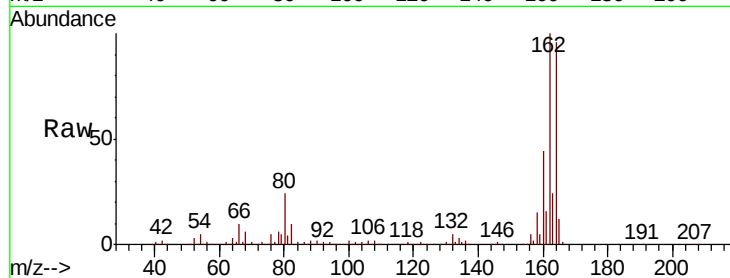
Tgt Ion:164 Resp: 597734

Ion Ratio Lower Upper

164 100

162 104.3 83.4 125.0

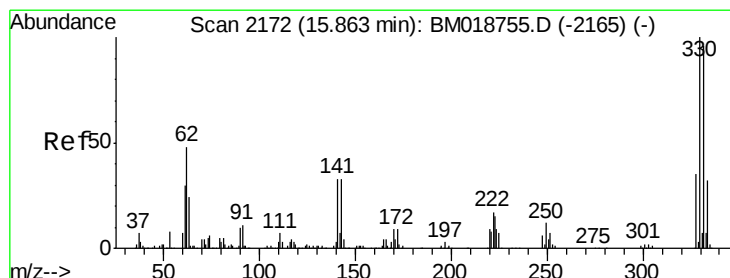
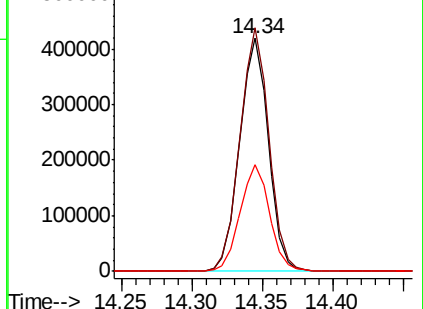
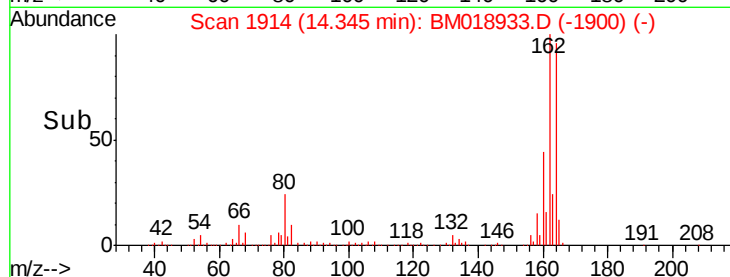
160 45.9 36.6 55.0



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: 71.994 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

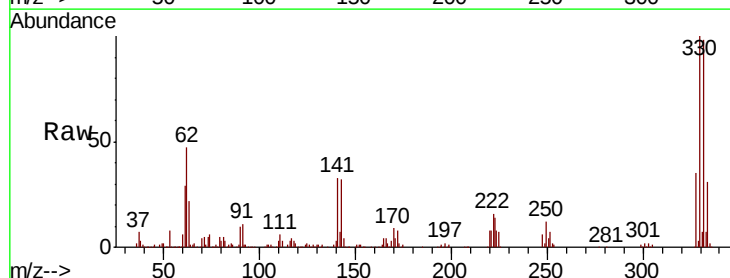
Tgt Ion:330 Resp: 620316

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

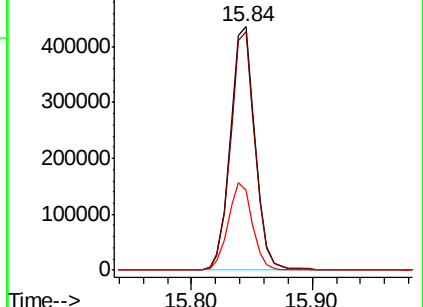
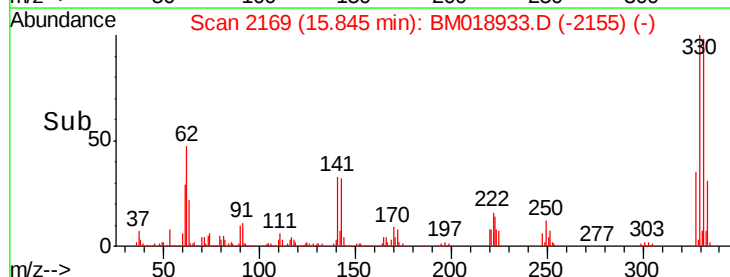
141 35.6 28.7 43.1

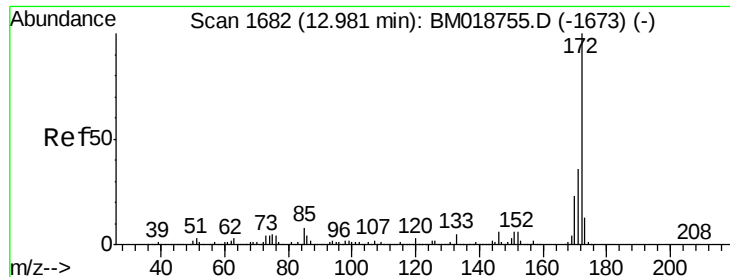


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

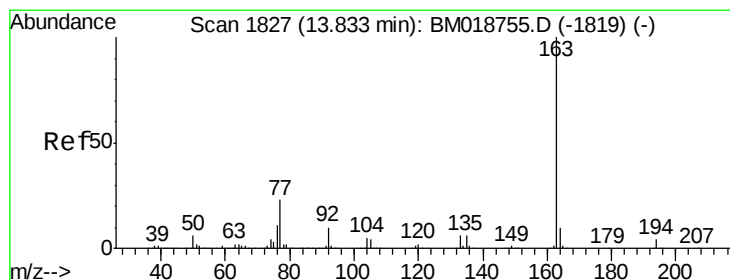
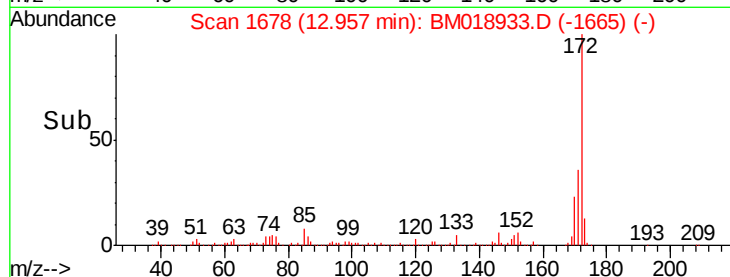
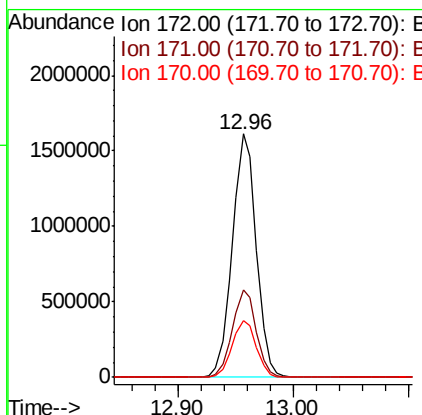
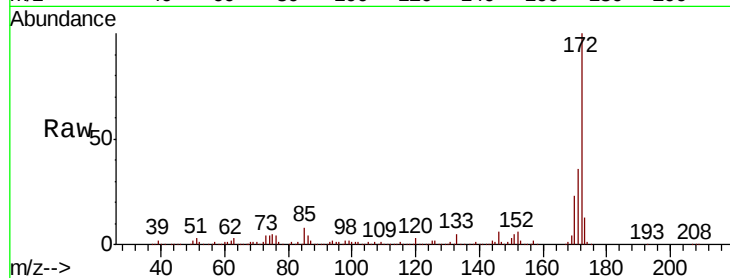




#45  
2-Fluorobiphenyl  
Concen: 51.292 ng  
RT: 12.96 min Scan# 1678  
Delta R.T. -0.02 min  
Lab File: BM018933.D  
Acq: 26 Feb 2019 17:22

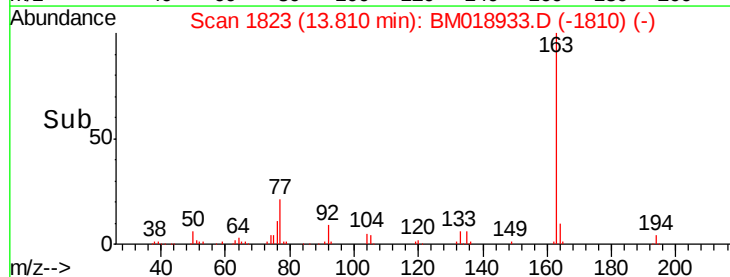
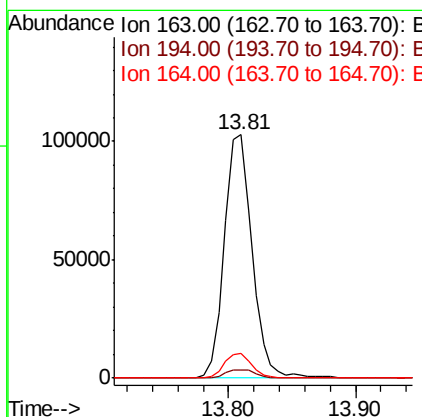
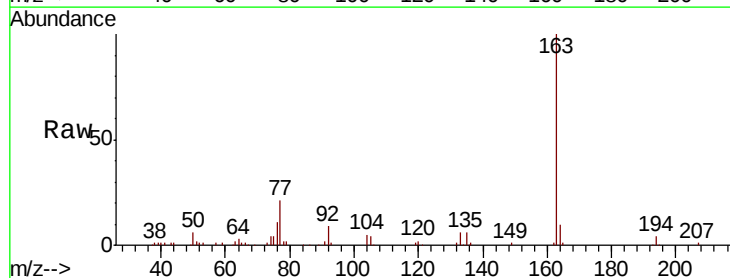
Instrument :  
BNA\_M  
ClientSampleId :  
SB-03

Tgt Ion:172 Resp: 2309573  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.0 43.6  
170 23.0 18.6 28.0



#50  
Dimethylphthalate  
Concen: 3.133 ng  
RT: 13.81 min Scan# 1823  
Delta R.T. -0.02 min  
Lab File: BM018933.D  
Acq: 26 Feb 2019 17:22

Tgt Ion:163 Resp: 156052  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.2 4.8  
164 10.2 7.8 11.8

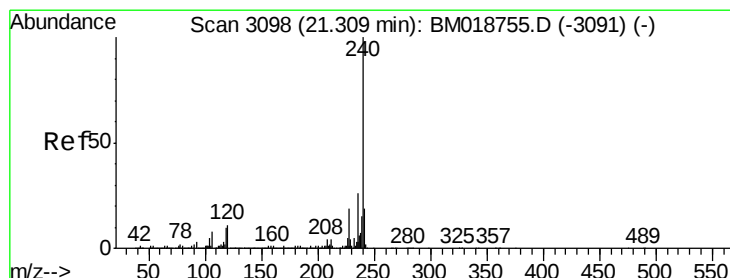
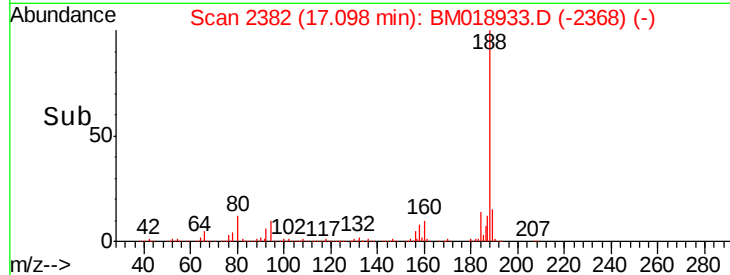
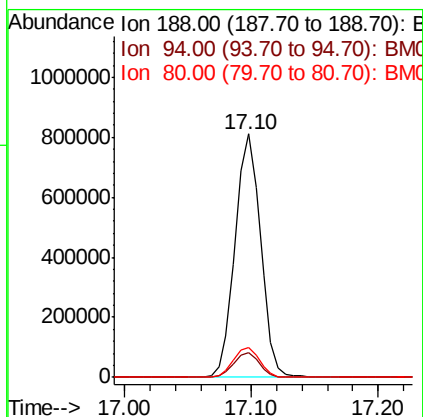
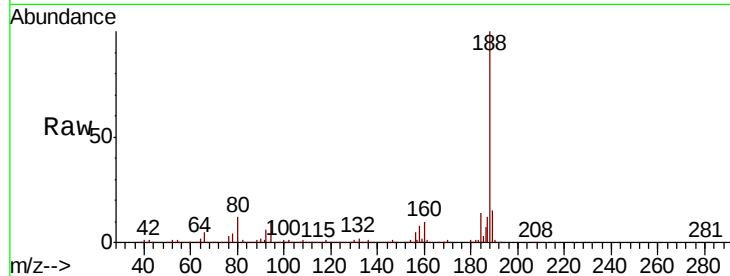




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.10 min Scan# 2382  
Delta R.T. -0.02 min  
Lab File: BM018933.D  
Acq: 26 Feb 2019 17:22

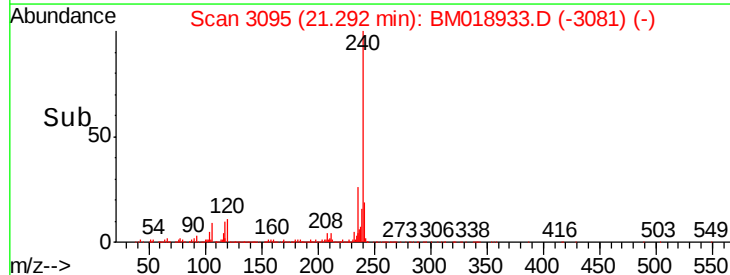
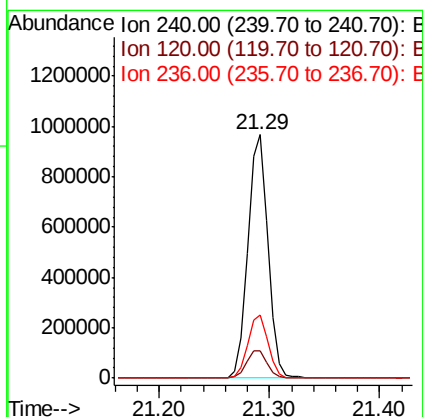
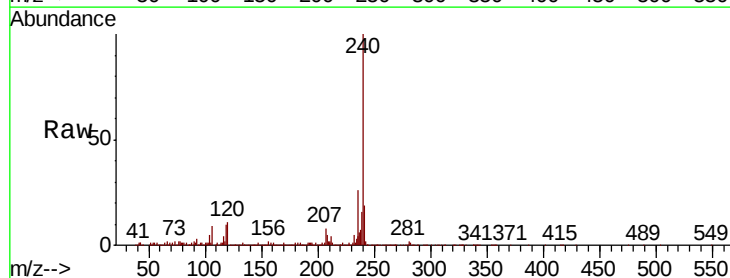
Instrument :  
BNA\_M  
ClientSampled :  
SB-03

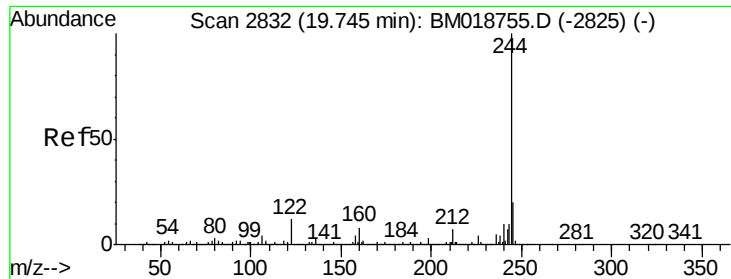
Tgt Ion:188 Resp: 1131410  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.2 12.2  
80 12.4 9.7 14.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.29 min Scan# 3095  
Delta R.T. -0.02 min  
Lab File: BM018933.D  
Acq: 26 Feb 2019 17:22

Tgt Ion:240 Resp: 1238686  
Ion Ratio Lower Upper  
240 100  
120 11.3 8.9 13.3  
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 41.769 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

Instrument :

BNA\_M

ClientSampled :

SB-03

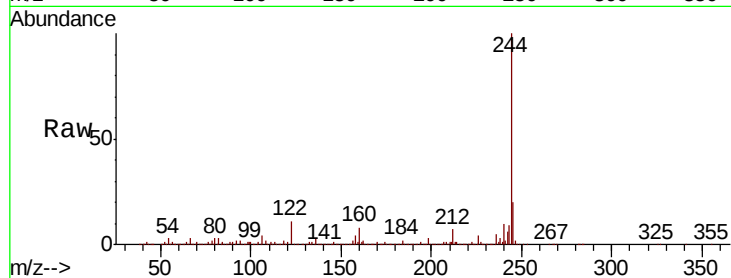
Tgt Ion:244 Resp: 2508044

Ion Ratio Lower Upper

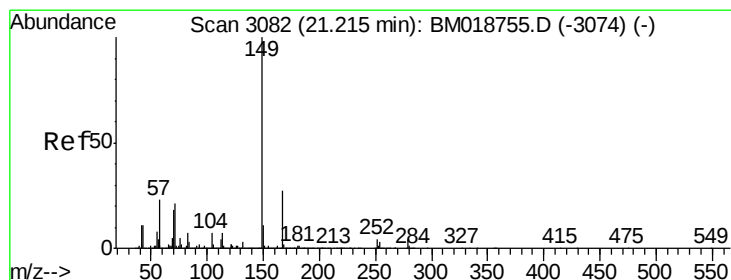
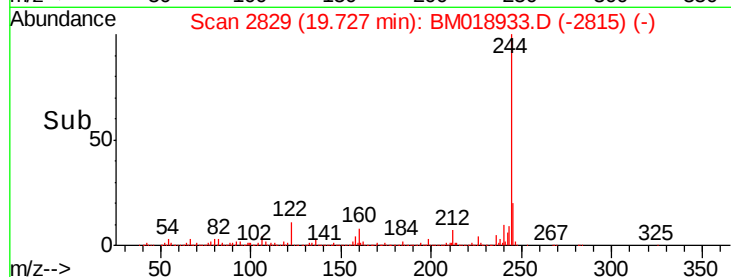
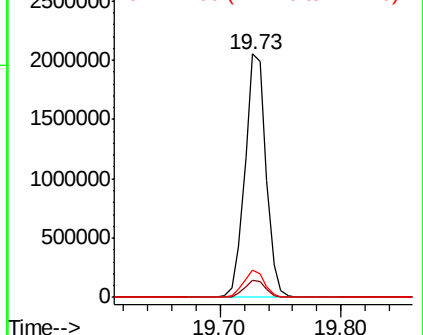
244 100

212 6.8 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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.638 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

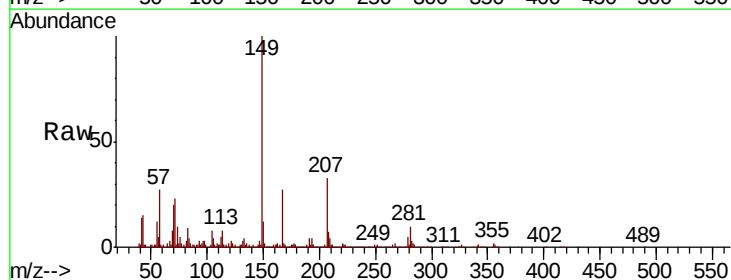
Tgt Ion:149 Resp: 222583

Ion Ratio Lower Upper

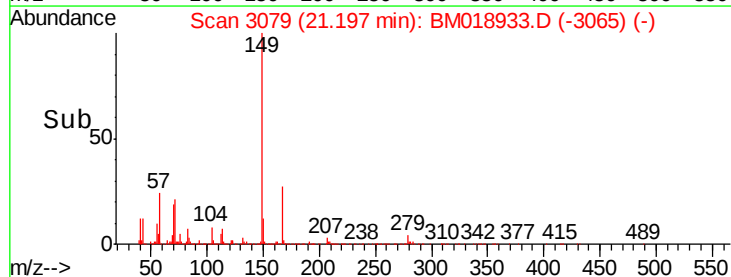
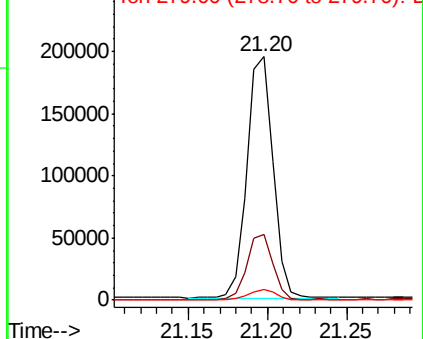
149 100

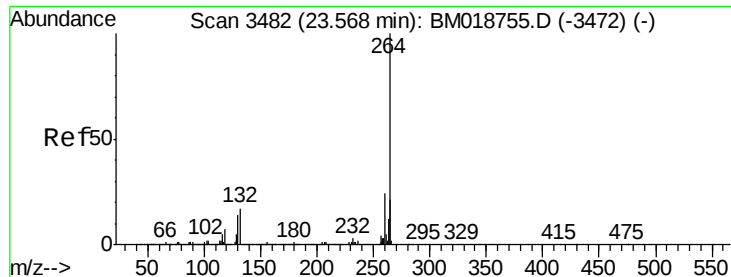
167 27.1 21.8 32.6

279 4.6 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.54 min Scan# 3478  
Delta R.T. -0.02 min  
Lab File: BM018933.D  
Acq: 26 Feb 2019 17:22

Instrument :  
BNA\_M  
ClientSampleId :  
SB-03

Tgt Ion: 264 Resp: 1410690  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 18.9  | 28.3  |
| 265 | 21.8  | 17.3  | 25.9  |

