

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\  
 Data File : BM017278.D  
 Acq On : 22 Oct 2018 14:29  
 Operator : MJ/SJ  
 Sample : J5575-20  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSSI-1016-S-DH-23

Quant Time: Oct 23 07:36:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 14:23:17 2018  
 Response via : Initial Calibration

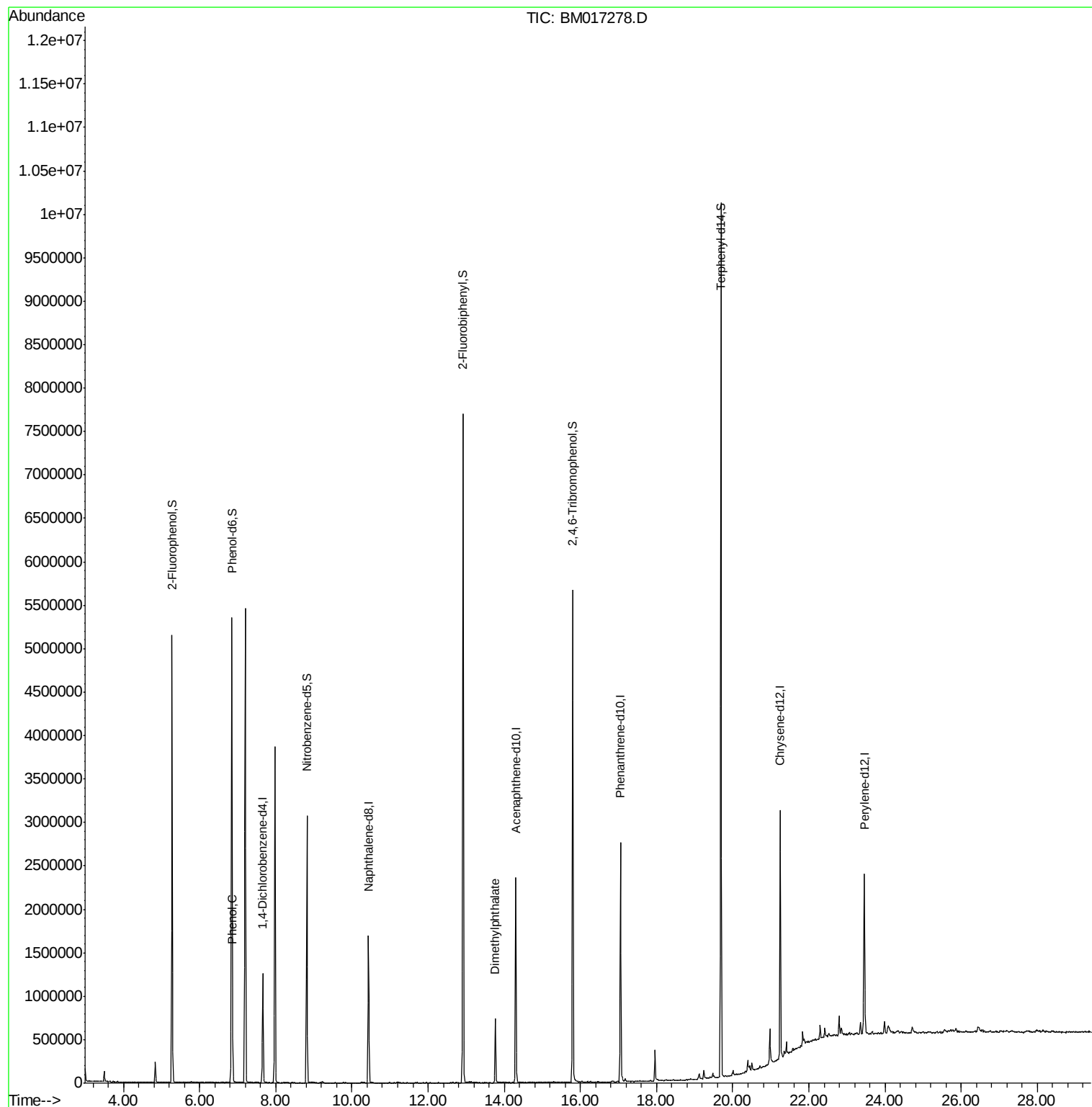
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.66  | 152  | 330782   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.43 | 136  | 1380117  | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.30 | 164  | 773320   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.05 | 188  | 1561102  | 20.00  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.24 | 240  | 1304286  | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 23.46 | 264  | 1282766  | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.27  | 112  | 2140810  | 109.46 | ng    | -0.01    |
| 7) Phenol-d6                | 6.85  | 99   | 2945018  | 110.56 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.82  | 82   | 1782412  | 75.53  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.80 | 330  | 1034439  | 98.91  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.92 | 172  | 4063961  | 69.92  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.69 | 244  | 4488619  | 77.57  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.87  | 94   | 129019   | 4.501  | ng    | 97       |
| 50) Dimethylphthalate       | 13.76 | 163  | 479563   | 8.038  | ng    | 99       |

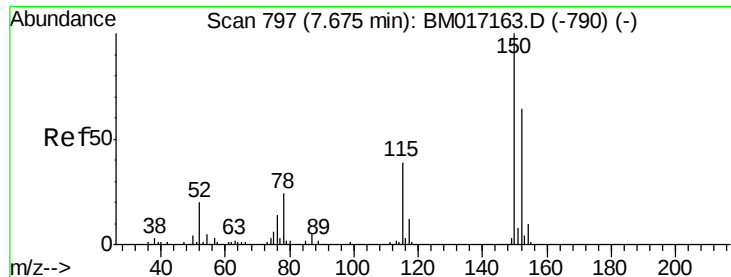
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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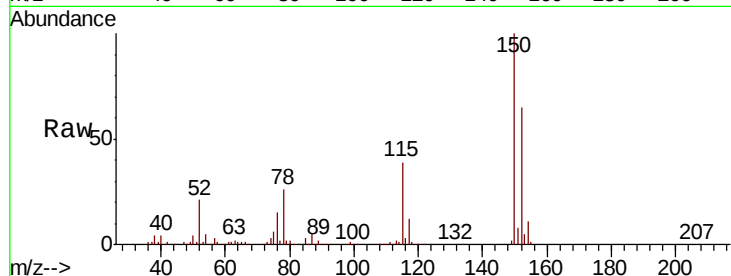


#1

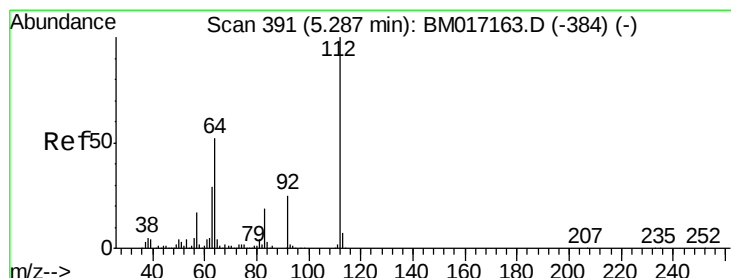
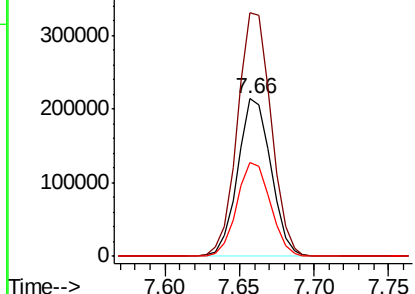
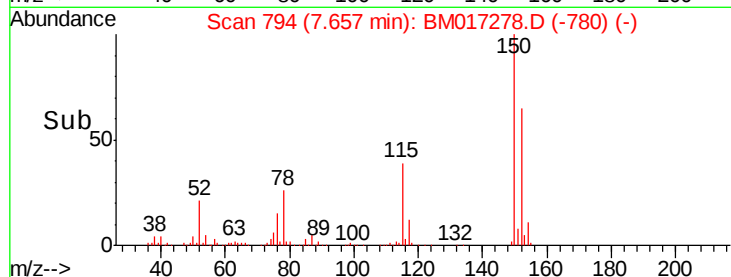
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.66 min Scan# 794  
Delta R.T. -0.02 min  
Lab File: BM017278.D  
Acq: 22 Oct 2018 14:29

Instrument :  
BNA\_M  
ClientSampleId :  
SSSI-1016-S-DH-23

Tot Ion:152 Resp: 330782  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.3 186.5  
115 60.1 48.1 72.1



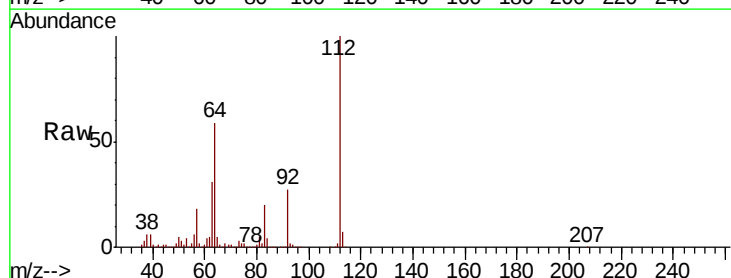
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



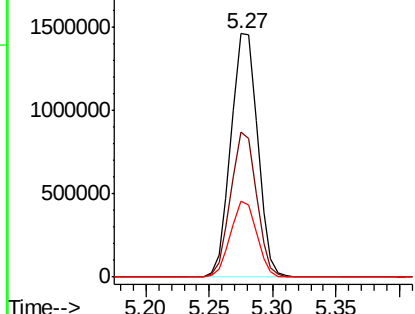
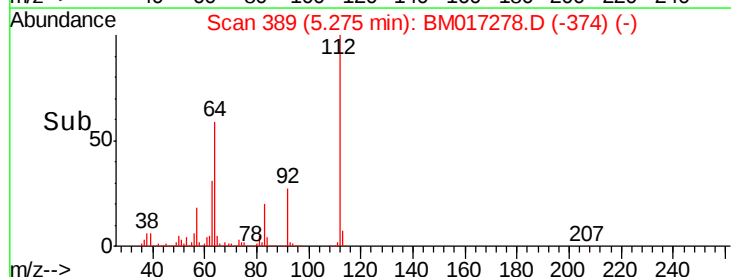
#5

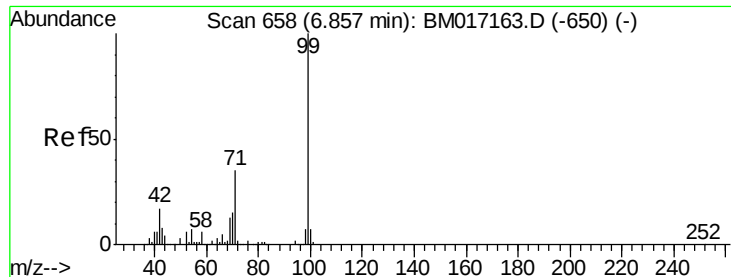
2-Fluorophenol  
Concen: 109.463 ng  
RT: 5.27 min Scan# 389  
Delta R.T. -0.01 min  
Lab File: BM017278.D  
Acq: 22 Oct 2018 14:29

Tgt Ion:112 Resp: 2140810  
Ion Ratio Lower Upper  
112 100  
64 59.5 41.7 62.5  
63 31.2 23.0 34.4



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: 110.565 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017278.D

Acq: 22 Oct 2018 14:29

Instrument :

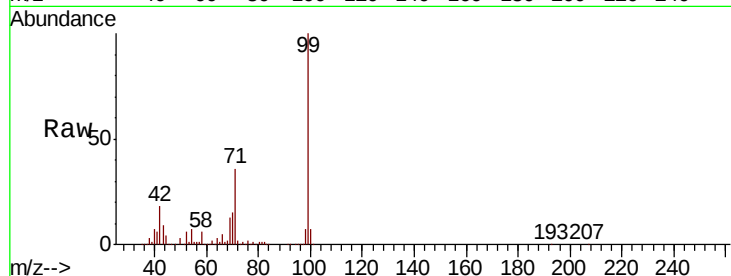
BNA\_M

ClientSampleId :

SSSI-1016-S-DH-23

Tot Ion: 99 Resp: 2945018

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.8  | 13.3  | 19.9  |
| 71  | 35.6  | 28.0  | 42.0  |



Abundance

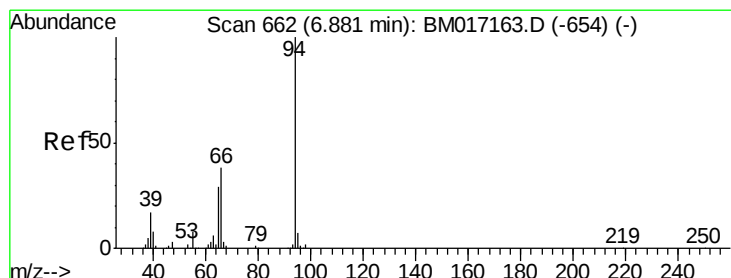
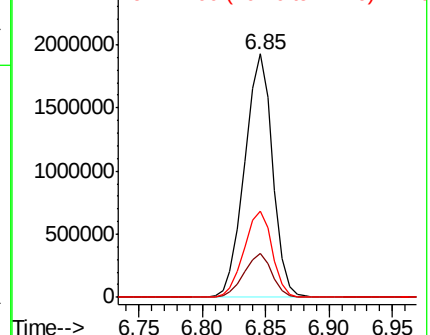
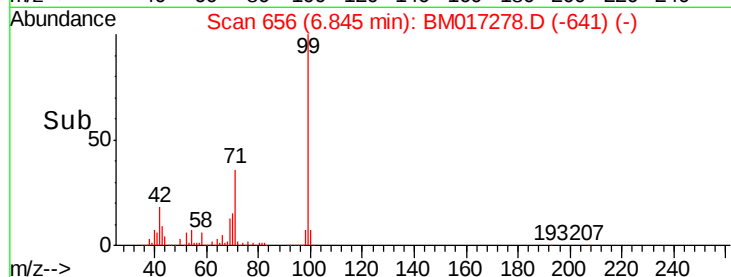
Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)

6.85

Time-->



#10

Phenol

Concen: 4.501 ng

RT: 6.87 min Scan# 660

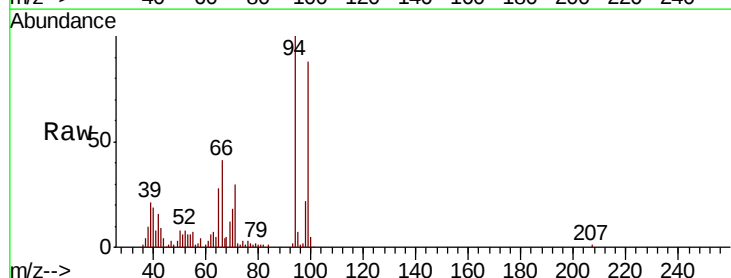
Delta R.T. -0.01 min

Lab File: BM017278.D

Acq: 22 Oct 2018 14:29

Tgt Ion: 94 Resp: 129019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 28.3  | 9.4   | 49.4  |
| 66  | 41.4  | 19.0  | 59.0  |



Abundance

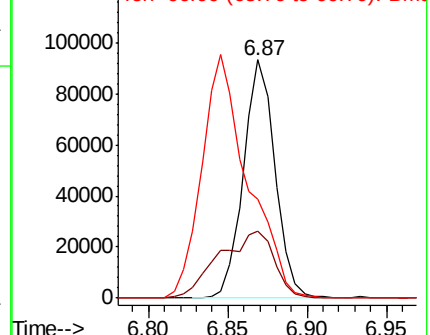
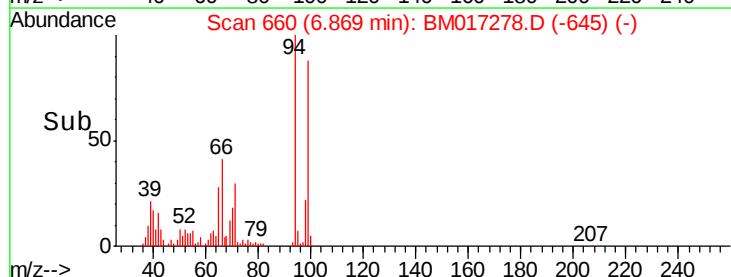
Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

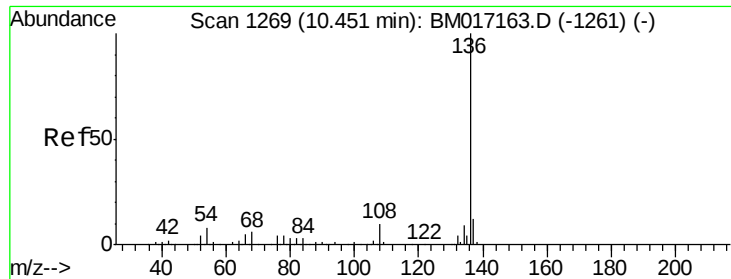
Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)

6.87

Time-->

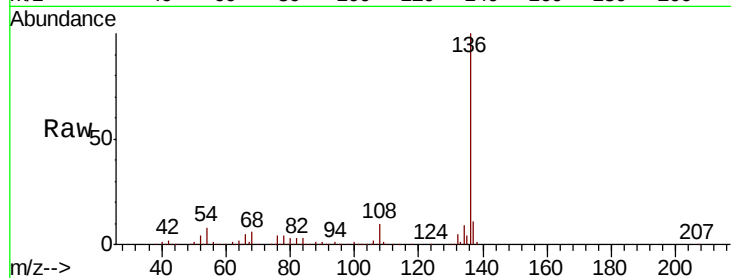




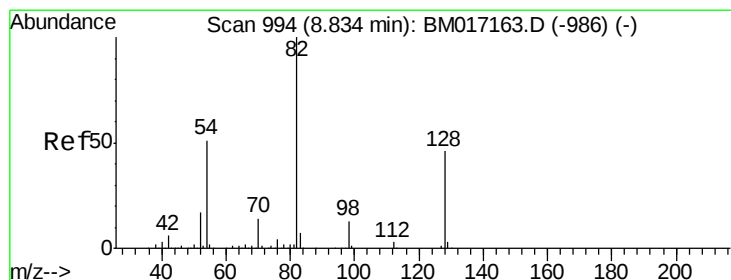
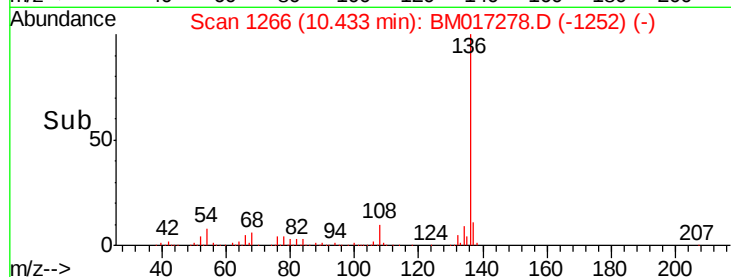
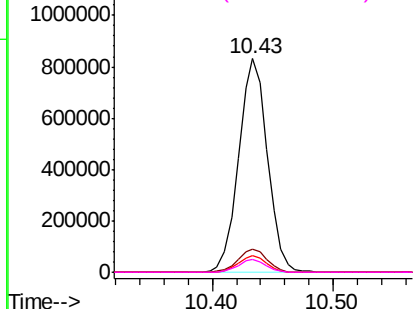
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.43 min Scan# 1266  
Delta R.T. -0.02 min  
Lab File: BM017278.D  
Acq: 22 Oct 2018 14:29

Instrument :  
BNA\_M  
ClientSampleId :  
SSSI-1016-S-DH-23

Tot Ion:136 Resp: 1380117  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.2 13.8  
54 7.9 6.7 10.1  
68 5.8 4.7 7.1

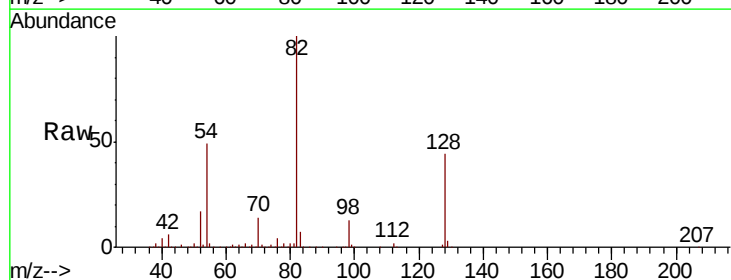


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

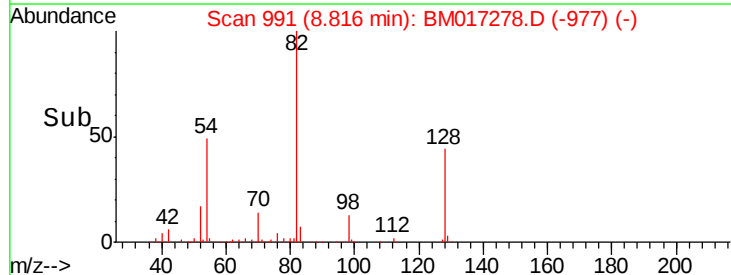
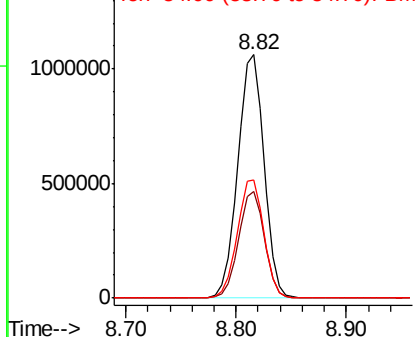


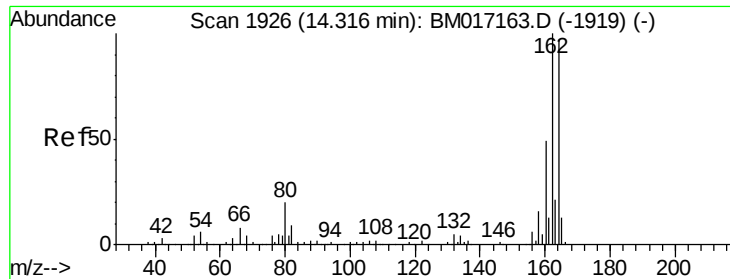
#23  
Nitrobenzene-d5  
Concen: 75.534 ng  
RT: 8.82 min Scan# 991  
Delta R.T. -0.02 min  
Lab File: BM017278.D  
Acq: 22 Oct 2018 14:29

Tgt Ion: 82 Resp: 1782412  
Ion Ratio Lower Upper  
82 100  
128 43.6 37.0 55.6  
54 48.7 40.7 61.1



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

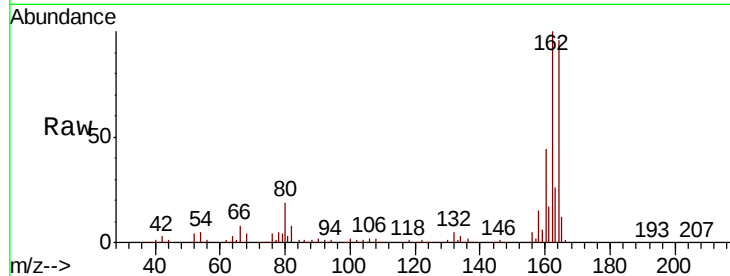




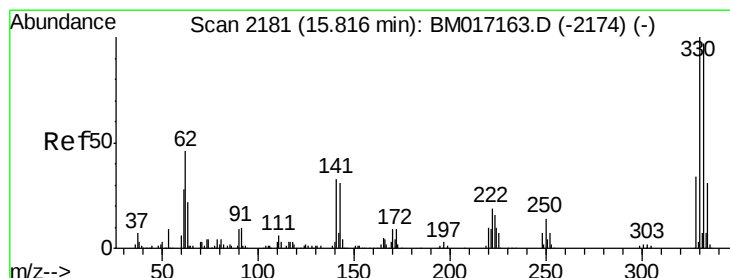
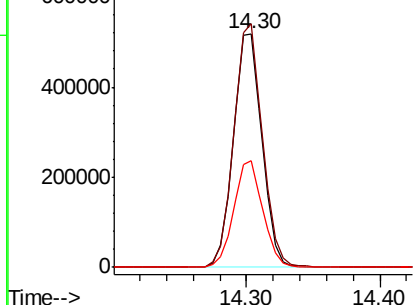
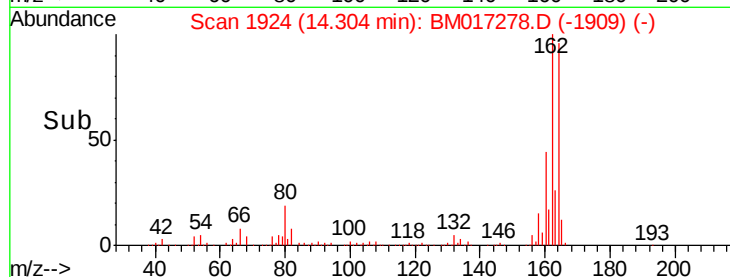
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.30 min Scan# 1924  
 Delta R.T. -0.01 min  
 Lab File: BM017278.D  
 Acq: 22 Oct 2018 14:29

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSSI-1016-S-DH-23

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.1 | 82.1  | 123.1 |
| 160     | 45.7  | 40.2  | 60.2  |

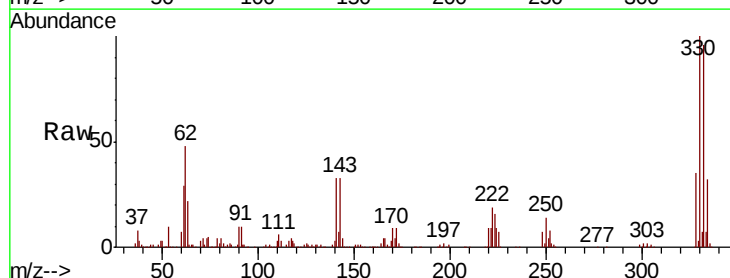


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

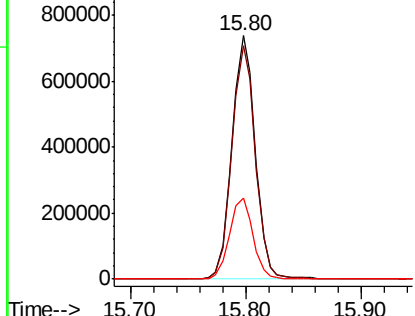
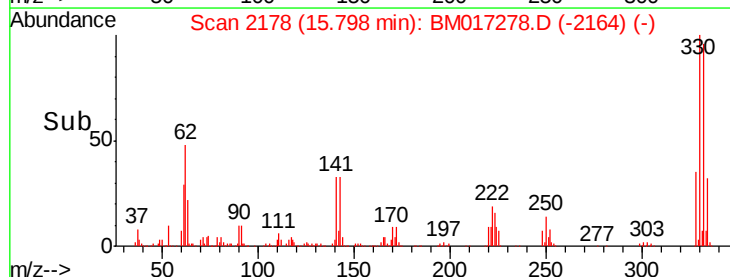


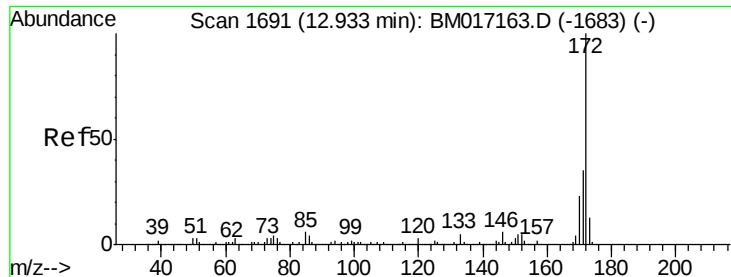
#42  
 2,4,6-Tribromophenol  
 Concen: 98.913 ng  
 RT: 15.80 min Scan# 2178  
 Delta R.T. -0.02 min  
 Lab File: BM017278.D  
 Acq: 22 Oct 2018 14:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 77.3  | 115.9 |
| 141     | 33.6  | 27.4  | 41.0  |



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

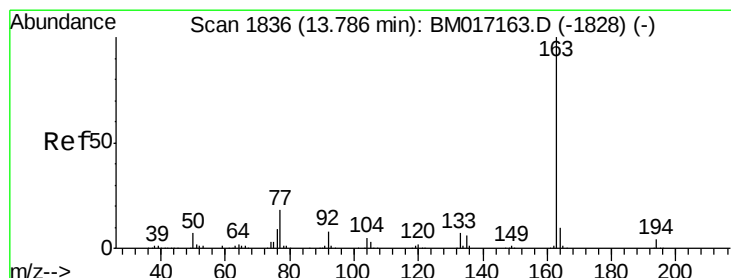
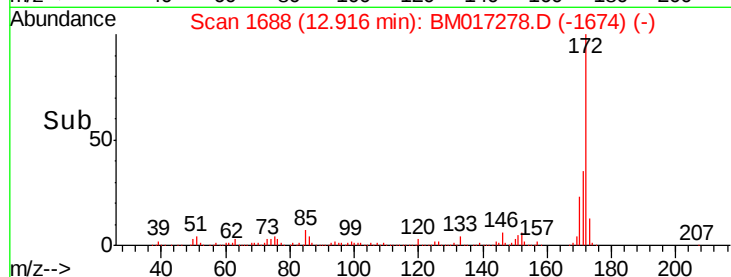
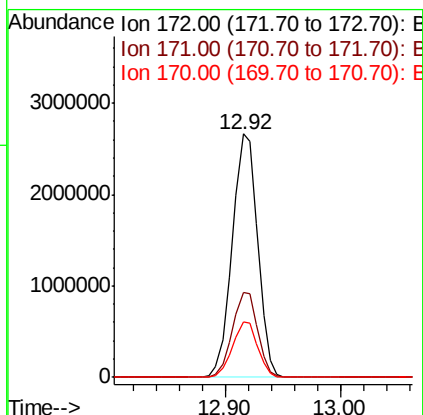
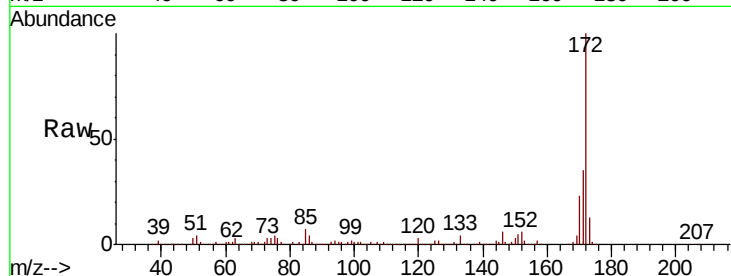




#45  
2-Fluorobiphenyl  
Concen: 69.923 ng  
RT: 12.92 min Scan# 1688  
Delta R.T. -0.02 min  
Lab File: BM017278.D  
Acq: 22 Oct 2018 14:29

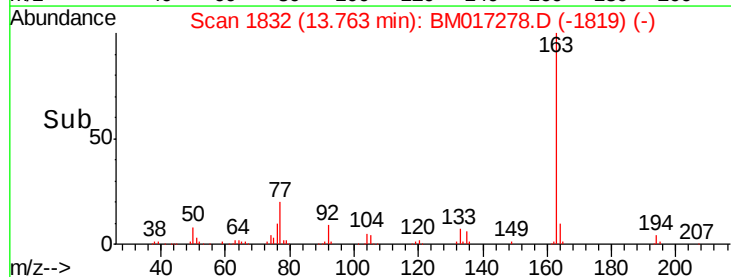
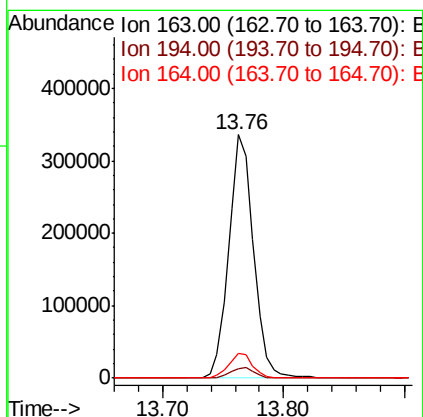
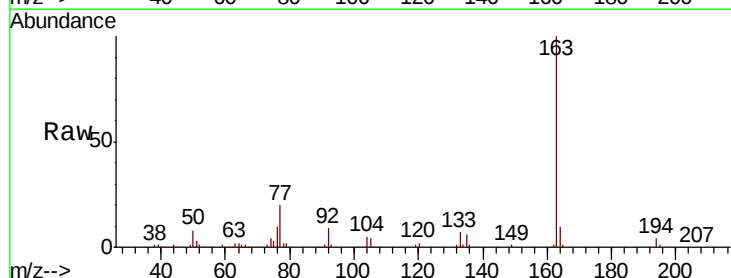
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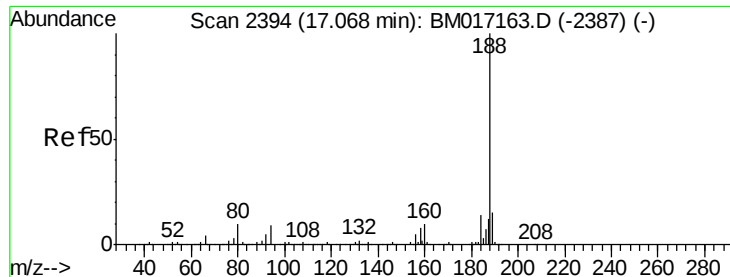
Tot Ion:172 Resp: 4063961  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.3 42.5  
170 22.9 18.3 27.5



#50  
Dimethylphthalate  
Concen: 8.038 ng  
RT: 13.76 min Scan# 1832  
Delta R.T. -0.02 min  
Lab File: BM017278.D  
Acq: 22 Oct 2018 14:29

Tgt Ion:163 Resp: 479563  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.3 4.9  
164 10.0 7.8 11.8

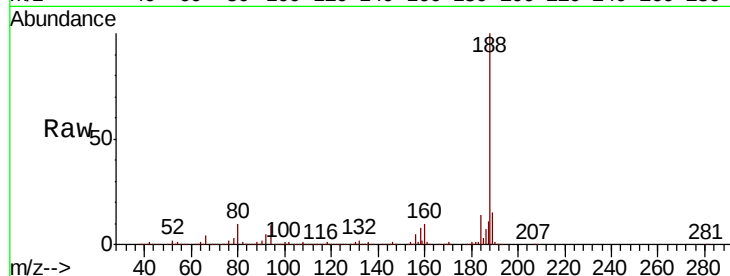




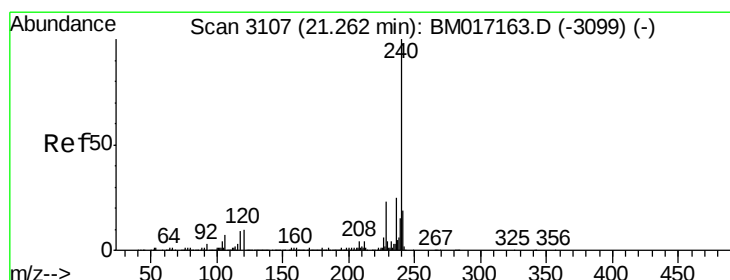
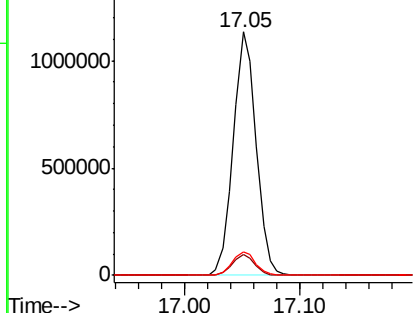
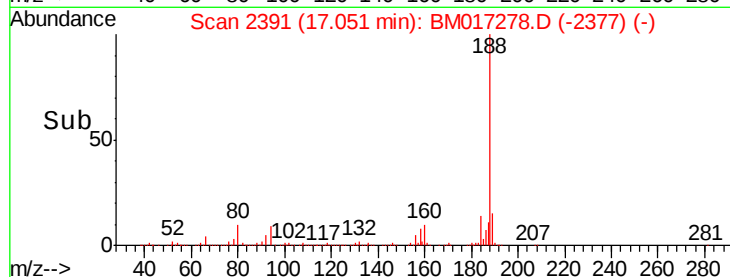
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.05 min Scan# 2391  
Delta R.T. -0.02 min  
Lab File: BM017278.D  
Acq: 22 Oct 2018 14:29

Instrument :  
BNA\_M  
ClientSampleId :  
SSSI-1016-S-DH-23

Tot Ion:188 Resp: 1561102  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.0 10.4  
80 9.8 7.7 11.5

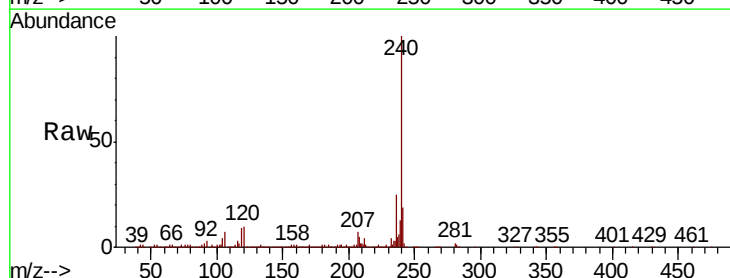


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM  
Ion 80.00 (79.70 to 80.70): BM

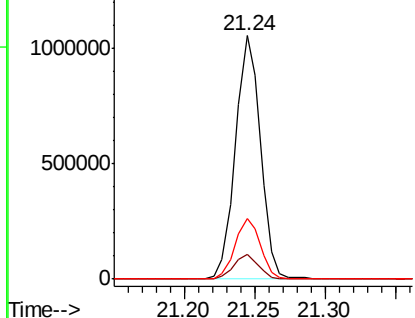
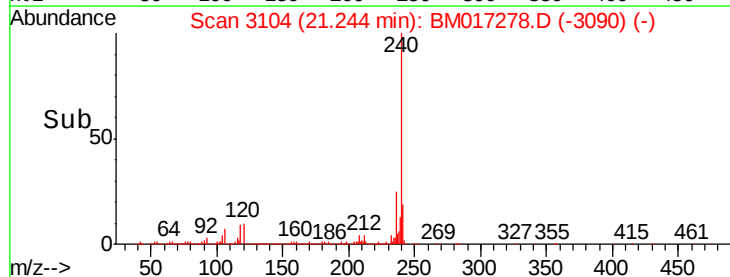


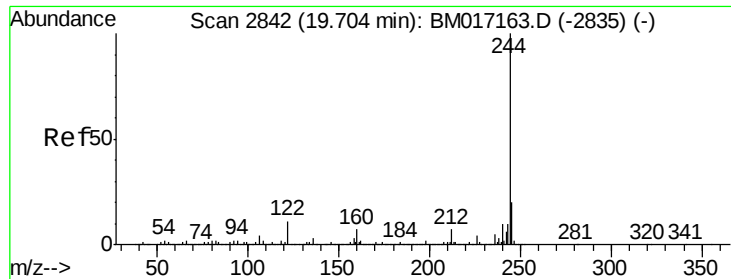
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.24 min Scan# 3104  
Delta R.T. -0.02 min  
Lab File: BM017278.D  
Acq: 22 Oct 2018 14:29

Tgt Ion:240 Resp: 1304286  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.1 12.1  
236 25.1 19.9 29.9



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

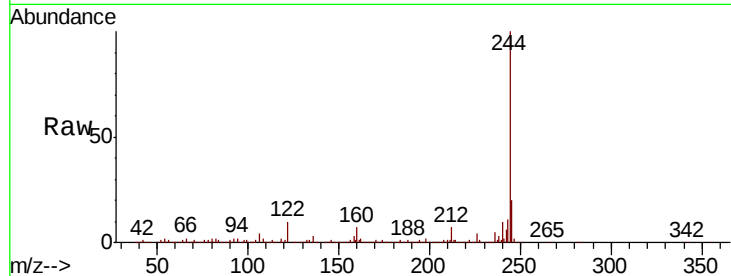




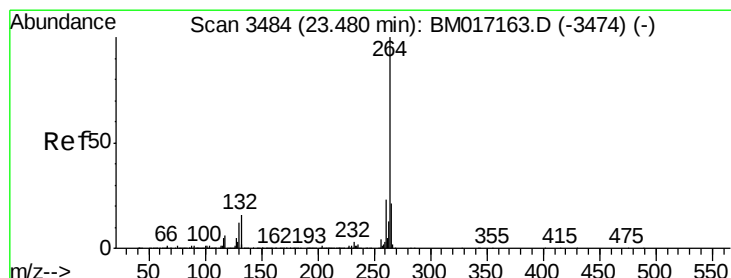
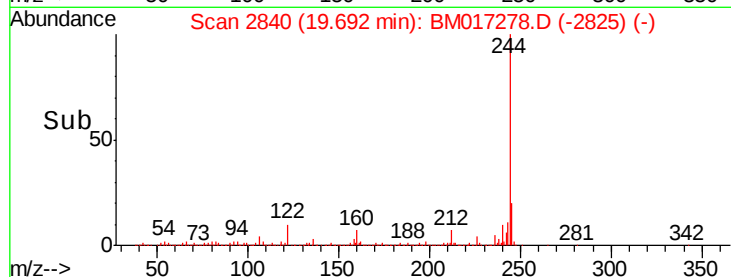
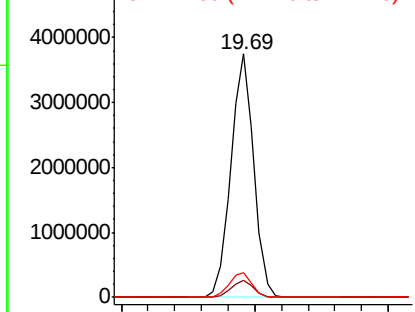
#79  
 Terphenyl-d14  
 Concen: 77.570 ng  
 RT: 19.69 min Scan# 2840  
 Delta R.T. -0.01 min  
 Lab File: BM017278.D  
 Acq: 22 Oct 2018 14:29

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSSI-1016-S-DH-23

Tot Ion:244 Resp: 4488619  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.5 8.3  
 122 10.0 8.4 12.6

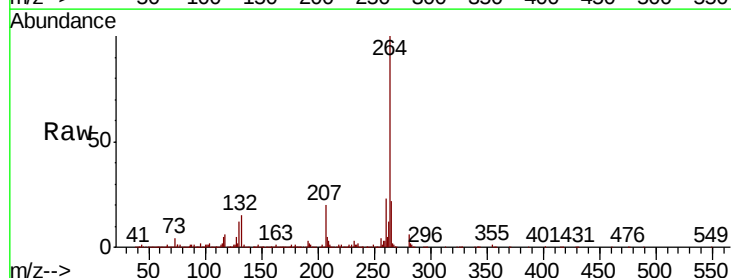


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.46 min Scan# 3480  
 Delta R.T. -0.02 min  
 Lab File: BM017278.D  
 Acq: 22 Oct 2018 14:29

Tgt Ion:264 Resp: 1282766  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 18.6 27.8  
 265 21.9 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

