

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM082418\  
 Data File : BM016585.D  
 Acq On : 24 Aug 2018 13:15  
 Operator : SJ/JU  
 Sample : J4556-07  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 20180535-AMENDED-COMPOSITE-(

Quant Time: Aug 24 21:56:17 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 24 10:59:20 2018  
 Response via : Initial Calibration

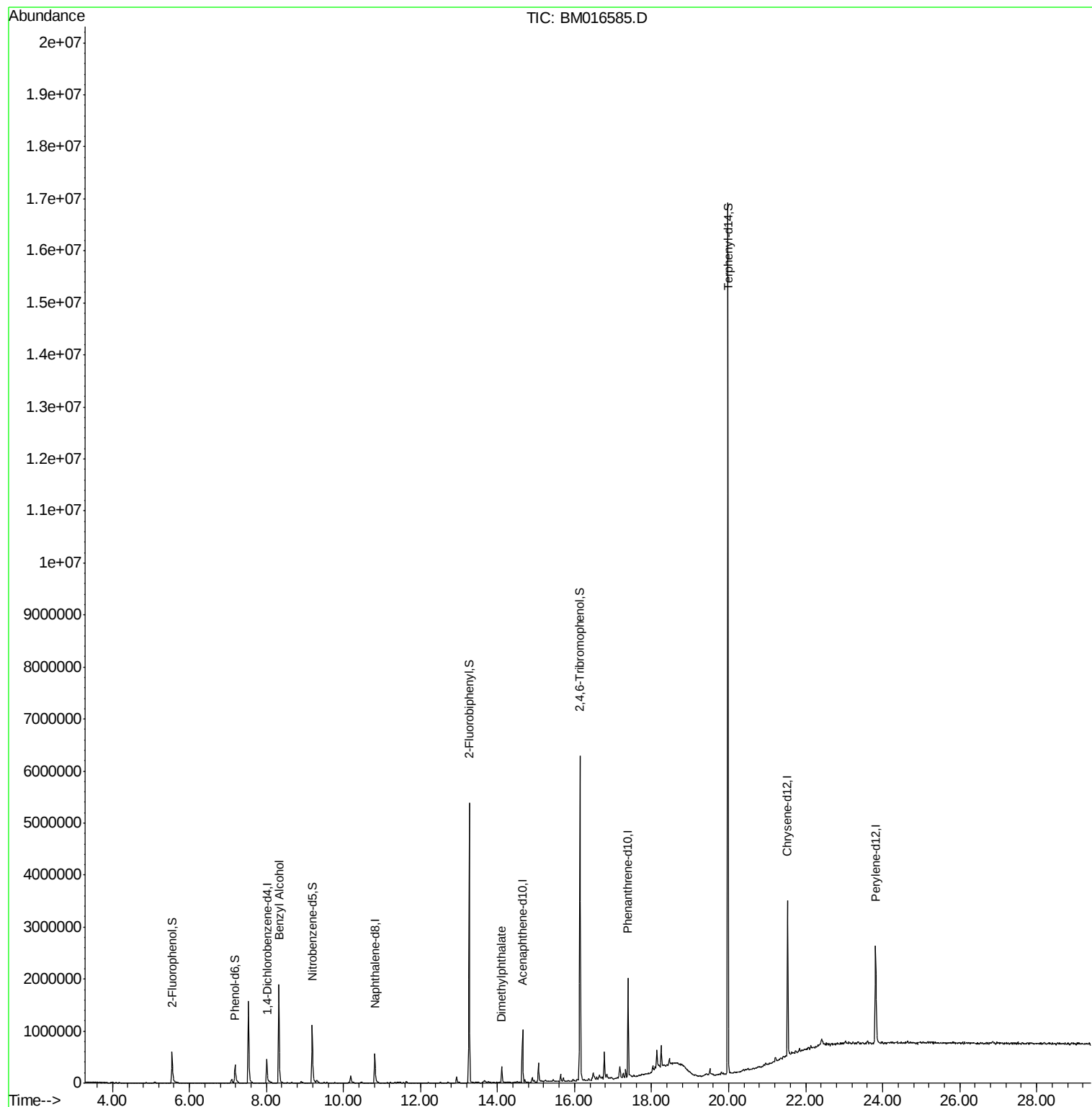
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.01  | 152  | 105352   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.82 | 136  | 376973   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.64 | 164  | 298582   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.39 | 188  | 1060050  | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.53 | 240  | 1333766  | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.81 | 264  | 1488538  | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.55  | 112  | 231122   | 42.99  | ng    | 0.00     |
| 7) Phenol-d6                | 7.19  | 99   | 172372   | 24.23  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 659426   | 79.87  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.14 | 330  | 1085049  | 130.00 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.26 | 172  | 2344585  | 75.48  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.98 | 244  | 6155893  | 97.69  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 15) Benzyl Alcohol          | 8.33  | 79   | 13597    | 2.058  | ng    | # 1      |
| 49) Dimethylphthalate       | 14.11 | 163  | 188224   | 6.562  | ng    | # 97     |

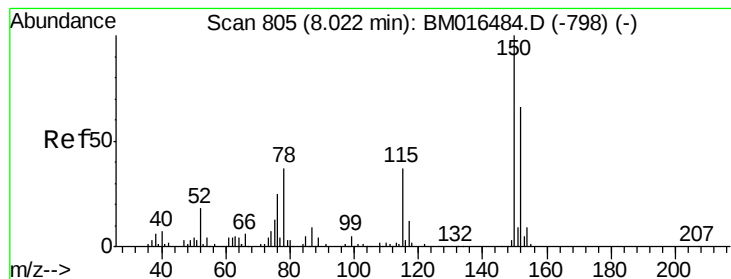
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_M  
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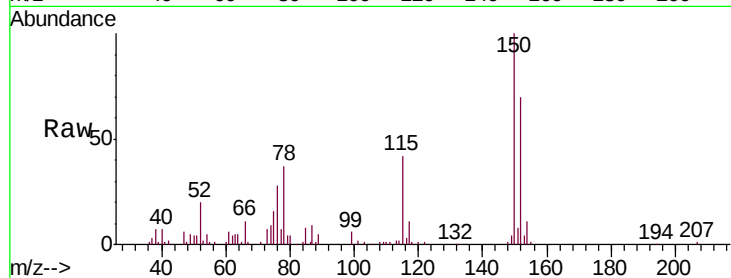


#1

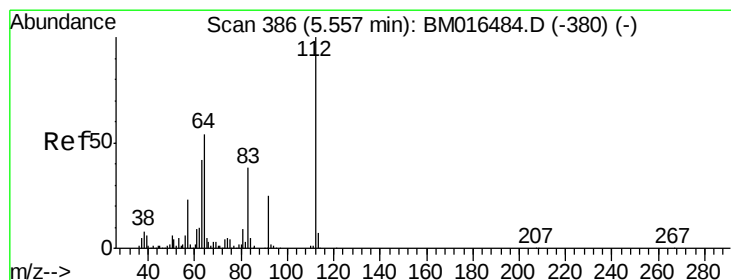
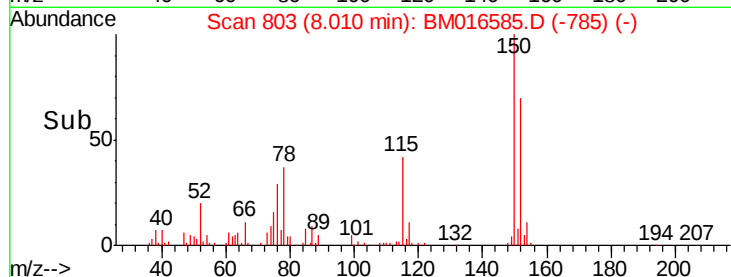
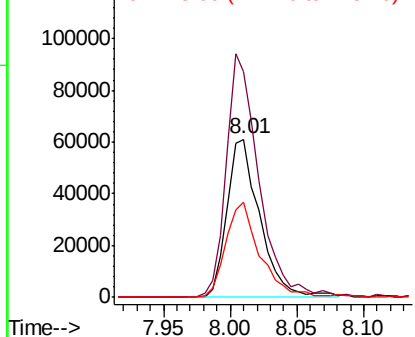
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 803  
Delta R.T. 0.01 min  
Lab File: BM016585.D  
Acq: 24 Aug 2018 13:15

Instrument :  
BNA\_M  
ClientSampleId :  
20180535-AMENDED-COMPOSITE-(-)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 142.5 | 119.5 | 179.3 |
| 115     | 60.1  | 43.0  | 64.4  |



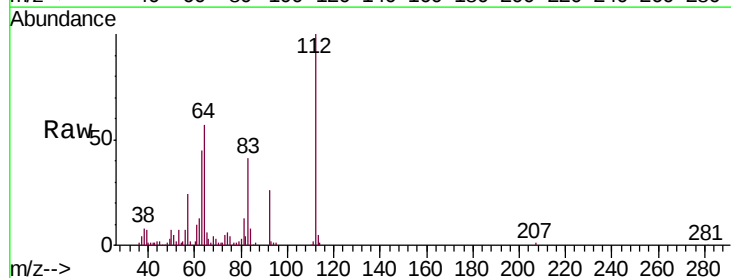
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



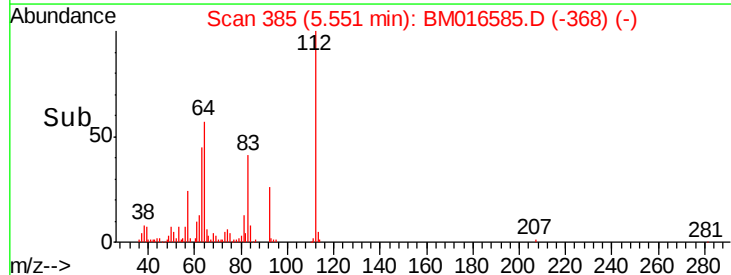
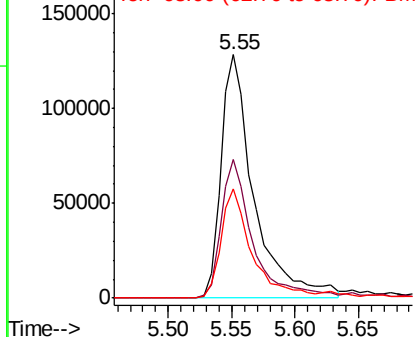
#5

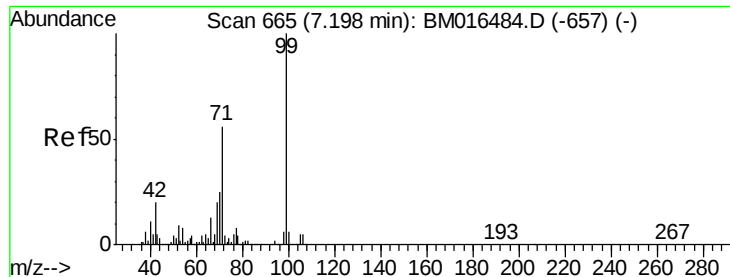
2-Fluorophenol  
Concen: 42.990 ng  
RT: 5.55 min Scan# 385  
Delta R.T. -0.00 min  
Lab File: BM016585.D  
Acq: 24 Aug 2018 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.2  | 38.6  | 57.8  |
| 63      | 44.9  | 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: 24.229 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016585.D

Acq: 24 Aug 2018 13:15

Instrument :

BNA\_M

ClientSampleId :

20180535-AMENDED-COMPOSITE-(-

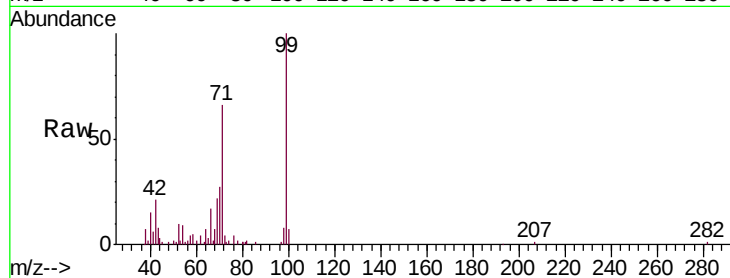
Tgt Ion: 99 Resp: 172372

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

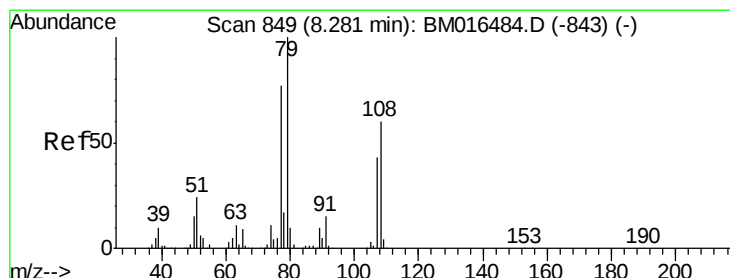
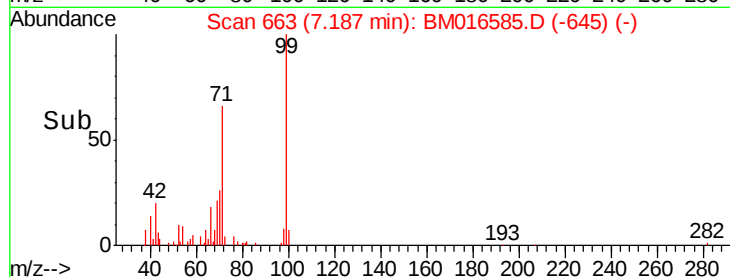
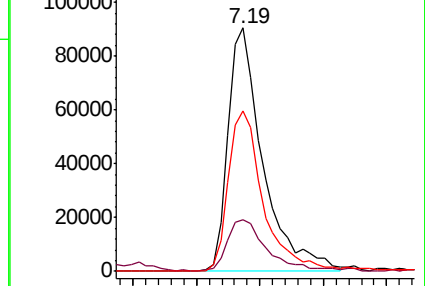
71 65.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#15

Benzyl Alcohol

Concen: 2.058 ng

RT: 8.33 min Scan# 857

Delta R.T. 0.06 min

Lab File: BM016585.D

Acq: 24 Aug 2018 13:15

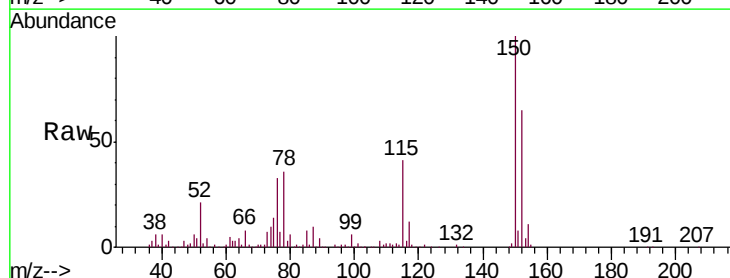
Tgt Ion: 79 Resp: 13597

Ion Ratio Lower Upper

79 100

108 101.0 65.0 97.4#

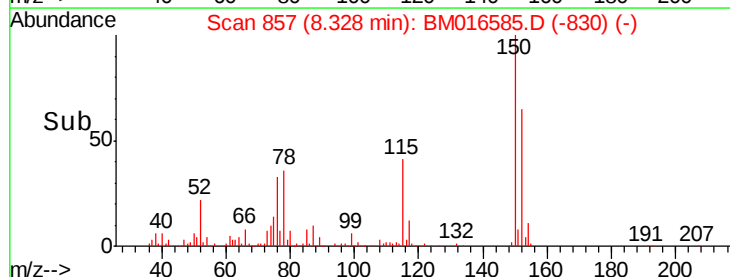
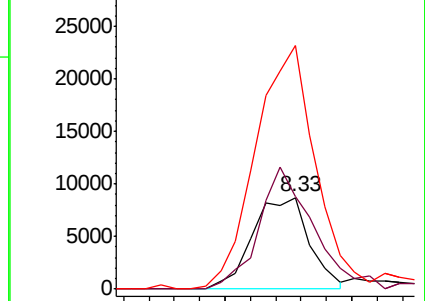
77 266.1 53.0 79.6#

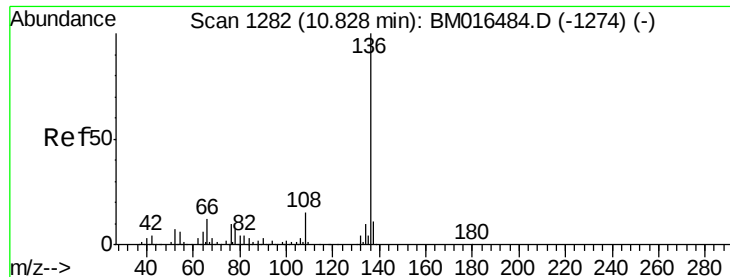


Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)

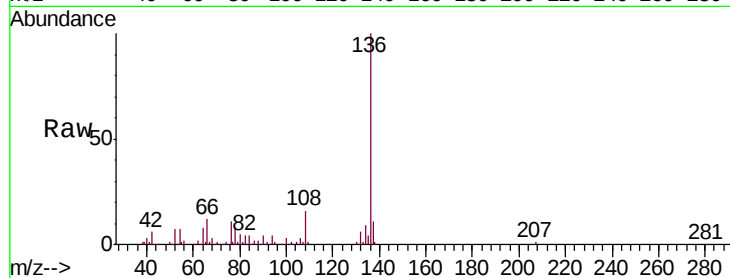




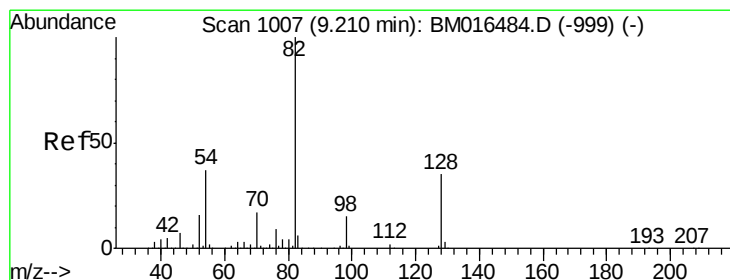
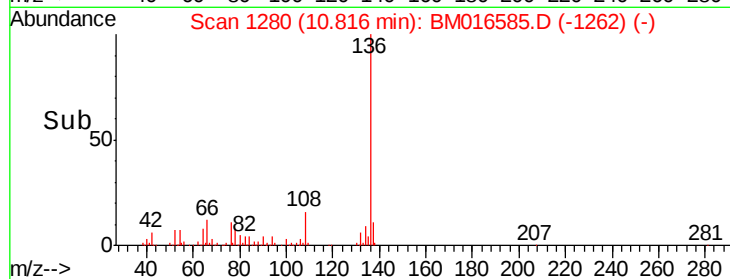
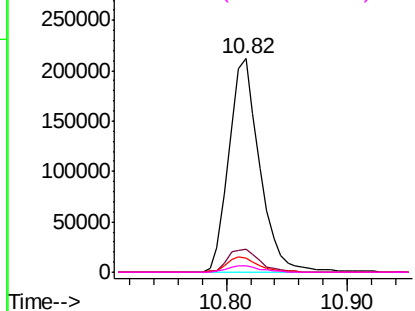
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1280  
Delta R.T. 0.01 min  
Lab File: BM016585.D  
Acq: 24 Aug 2018 13:15

Instrument :  
BNA\_M  
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20180535-AMENDED-COMPOSITE-(-)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 376973 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.7   | 13.1   |
| 54       | 6.5   | 4.6   | 6.8    |
| 68       | 2.8   | 3.7   | 5.5#   |

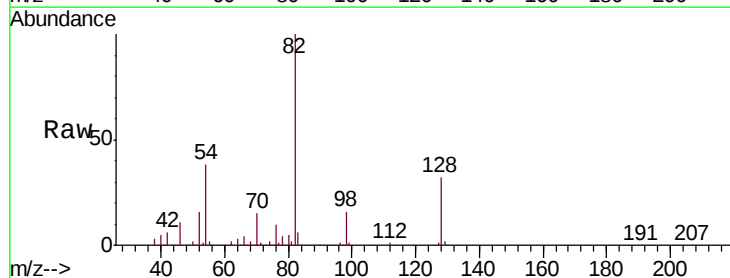


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

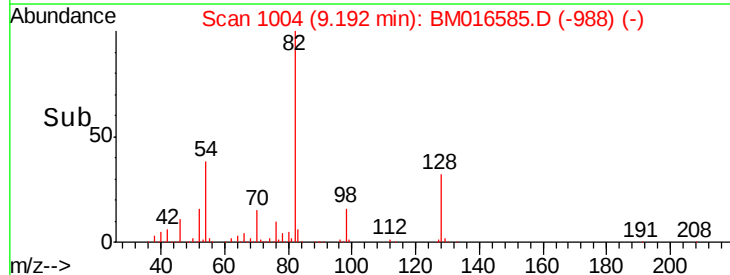
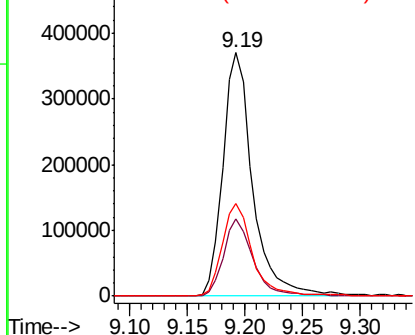


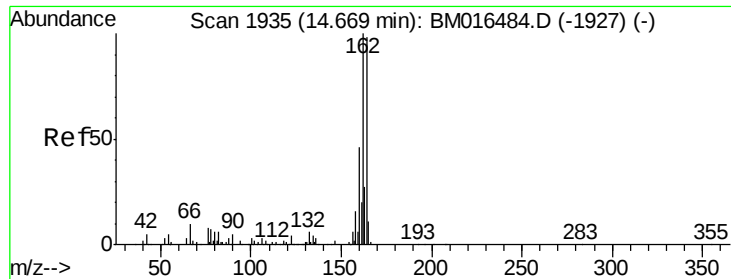
#23  
Nitrobenzene-d5  
Concen: 79.870 ng  
RT: 9.19 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BM016585.D  
Acq: 24 Aug 2018 13:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 659426 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 31.9  | 32.8  | 49.2#  |
| 54       | 38.3  | 40.6  | 60.8#  |



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

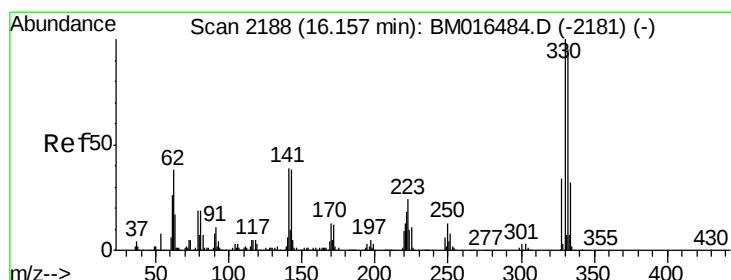
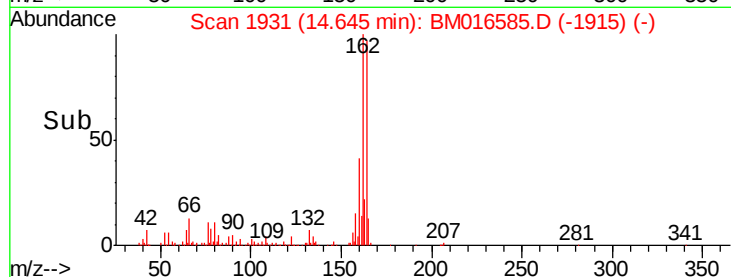
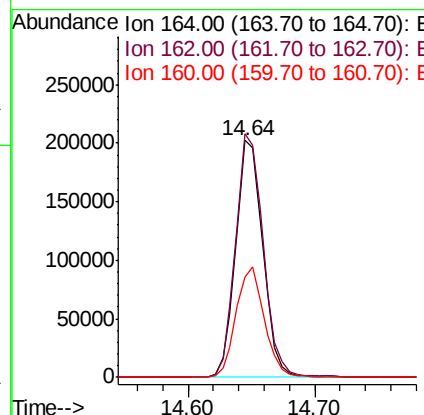
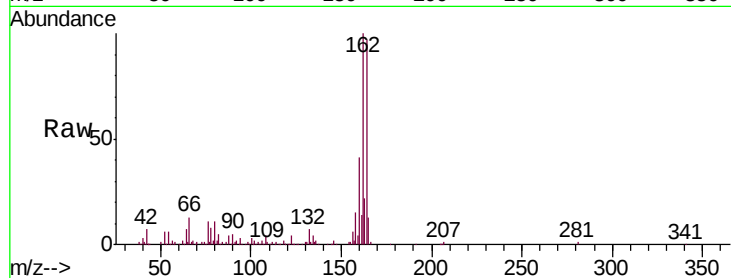




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.64 min Scan# 1931  
 Delta R.T. -0.01 min  
 Lab File: BM016585.D  
 Acq: 24 Aug 2018 13:15

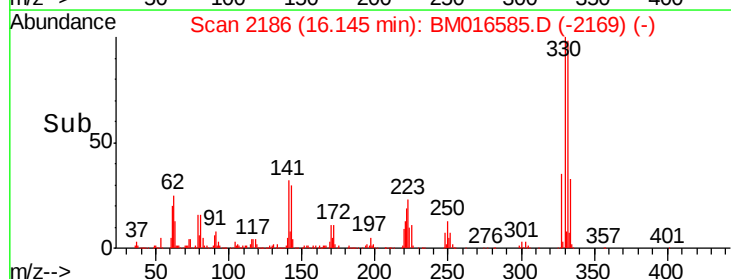
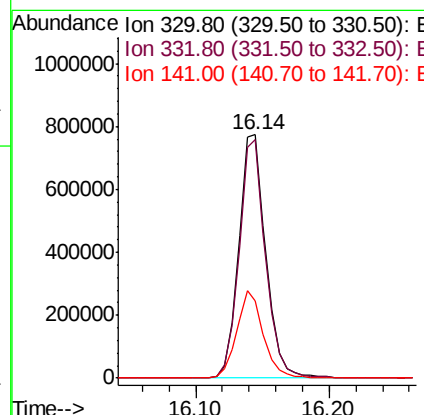
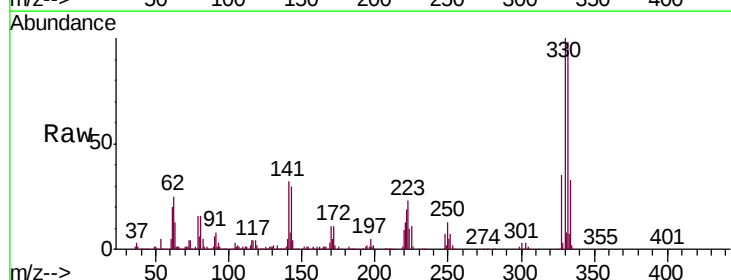
Instrument :  
 BNA\_M  
 ClientSampleId :  
 20180535-AMENDED-COMPOSITE-(-)

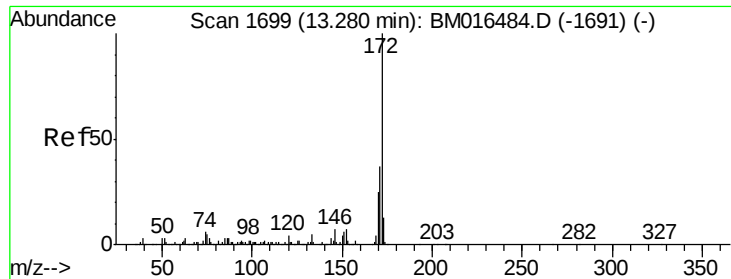
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.7 | 82.4  | 123.6 |
| 160     | 42.3  | 35.8  | 53.6  |



#41  
 2,4,6-Tribromophenol  
 Concen: 129.998 ng  
 RT: 16.14 min Scan# 2186  
 Delta R.T. -0.00 min  
 Lab File: BM016585.D  
 Acq: 24 Aug 2018 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.9  | 0.0   | 0.0#  |
| 141     | 35.4  | 0.0   | 0.0#  |

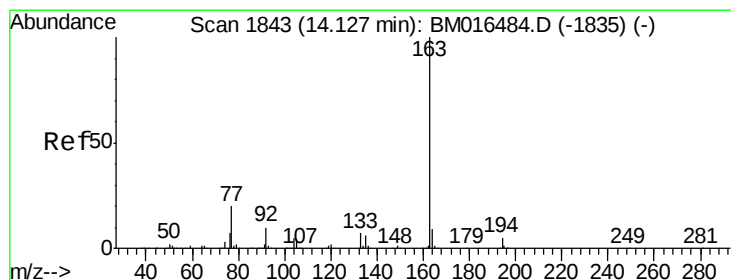
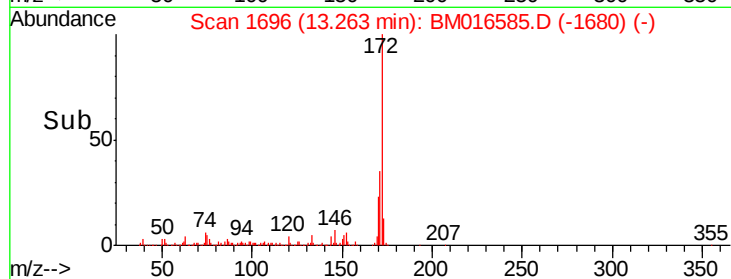
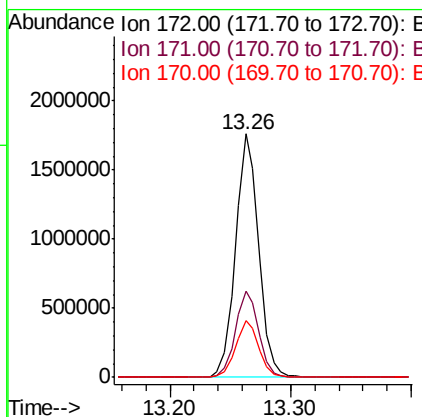
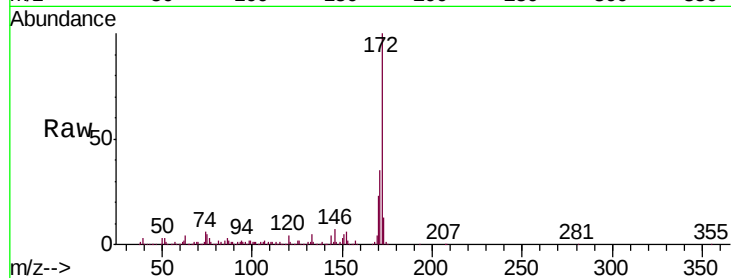




#44  
2-Fluorobiphenyl  
Concen: 75.479 ng  
RT: 13.26 min Scan# 1696  
Delta R.T. -0.01 min  
Lab File: BM016585.D  
Acq: 24 Aug 2018 13:15

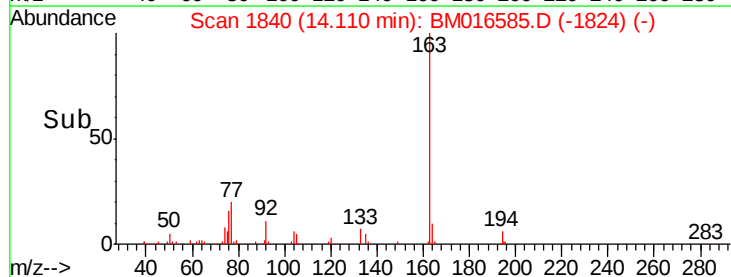
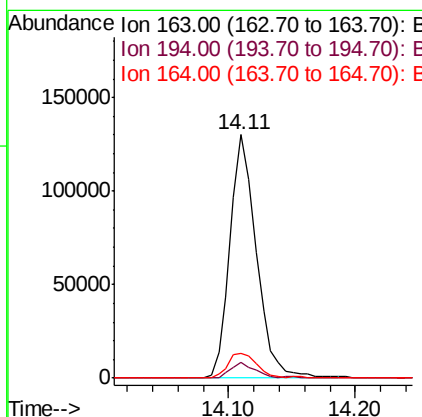
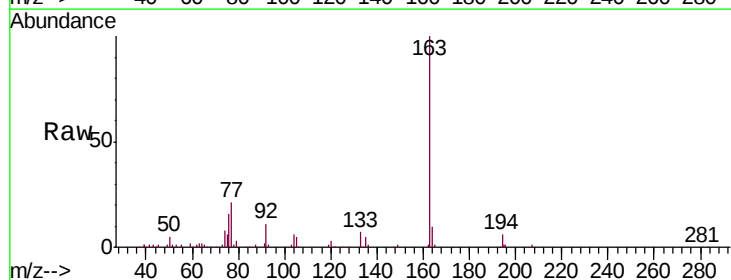
Instrument :  
BNA\_M  
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20180535-AMENDED-COMPOSITE-(-

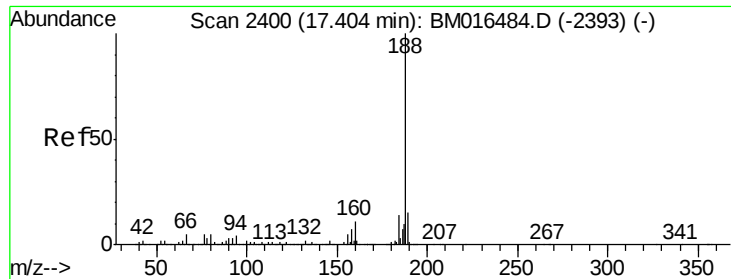
Tgt Ion:172 Resp: 2344585  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.5 42.7  
170 23.2 18.8 28.2



#49  
Dimethylphthalate  
Concen: 6.562 ng  
RT: 14.11 min Scan# 1840  
Delta R.T. -0.01 min  
Lab File: BM016585.D  
Acq: 24 Aug 2018 13:15

Tgt Ion:163 Resp: 188224  
Ion Ratio Lower Upper  
163 100  
194 6.4 2.7 4.1#  
164 10.4 8.2 12.2

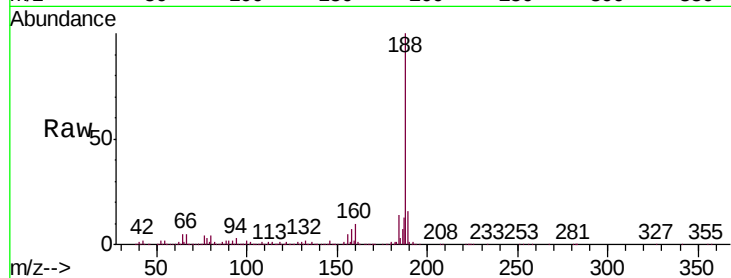




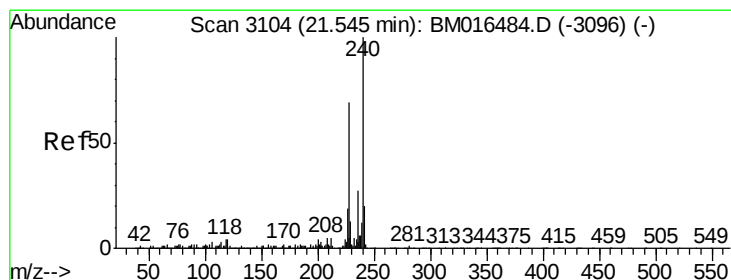
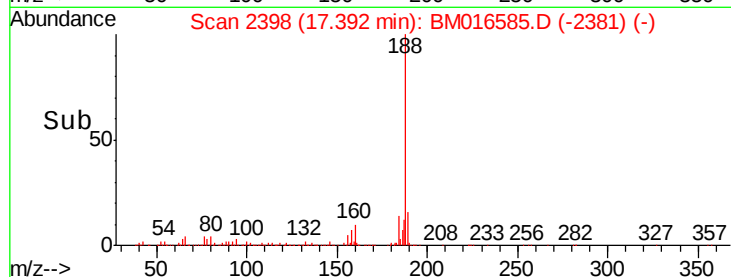
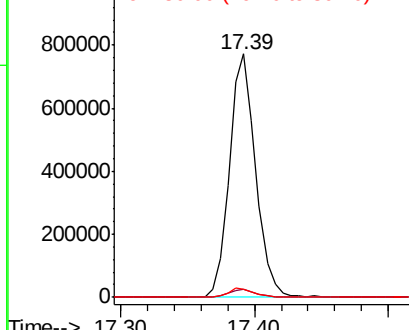
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2398  
Delta R.T. -0.00 min  
Lab File: BM016585.D  
Acq: 24 Aug 2018 13:15

Instrument :  
BNA\_M  
ClientSampleId :  
20180535-AMENDED-COMPOSITE-(-)

Tgt Ion:188 Resp: 1060050  
Ion Ratio Lower Upper  
188 100  
94 3.3 8.7 13.1#  
80 3.5 9.3 13.9#

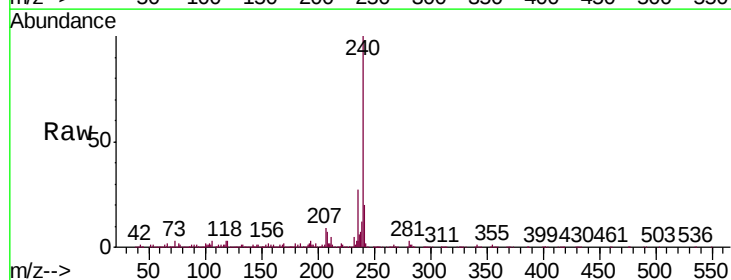


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM  
Ion 80.00 (79.70 to 80.70): BM

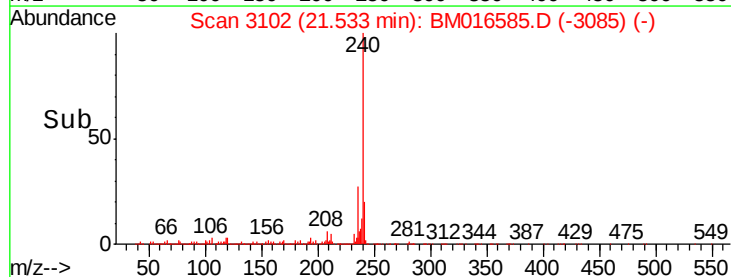
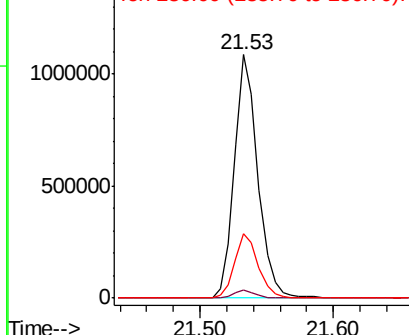


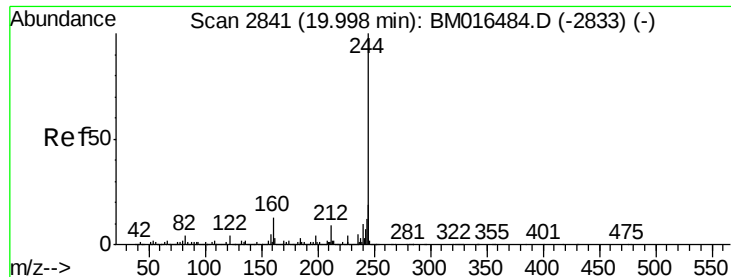
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.53 min Scan# 3102  
Delta R.T. -0.00 min  
Lab File: BM016585.D  
Acq: 24 Aug 2018 13:15

Tgt Ion:240 Resp: 1333766  
Ion Ratio Lower Upper  
240 100  
120 3.3 8.2 12.2#  
236 26.6 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: 97.689 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016585.D

Acq: 24 Aug 2018 13:15

Instrument :

BNA\_M

ClientSampleId :

20180535-AMENDED-COMPOSITE-(-)

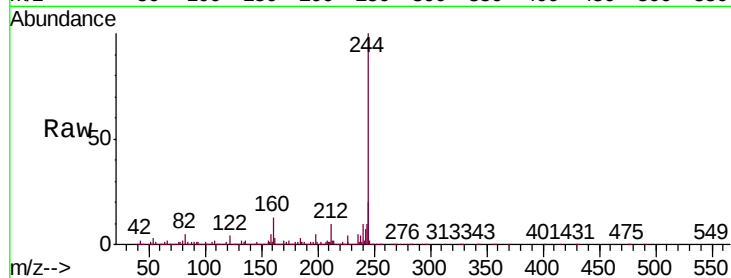
Tgt Ion:244 Resp: 6155893

Ion Ratio Lower Upper

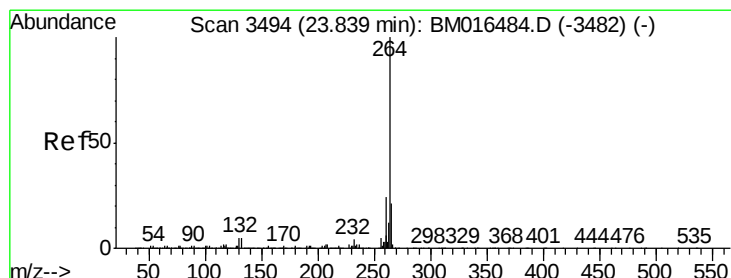
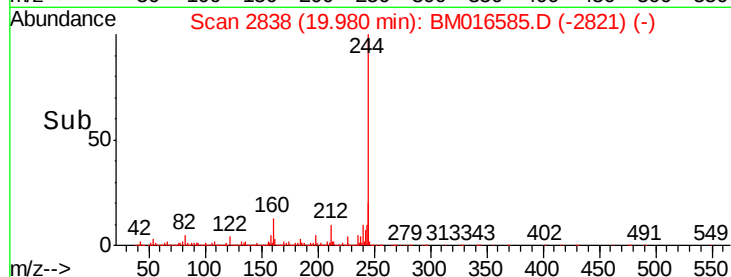
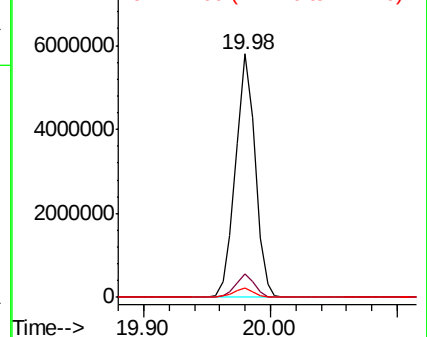
244 100

212 9.5 4.9 7.3#

122 3.8 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E  
8000000  
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: 23.81 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BM016585.D

Acq: 24 Aug 2018 13:15

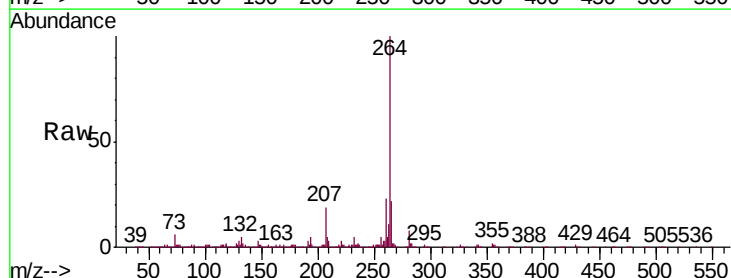
Tgt Ion:264 Resp: 1488538

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E  
1000000  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

