

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032119\  
 Data File : BM019302.D  
 Acq On : 21 Mar 2019 22:09  
 Operator : JU/SJ  
 Sample : K2004-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-19B(13.5-14.5)

Quant Time: Mar 22 04:45:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM031119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 11 17:30:46 2019  
 Response via : Initial Calibration

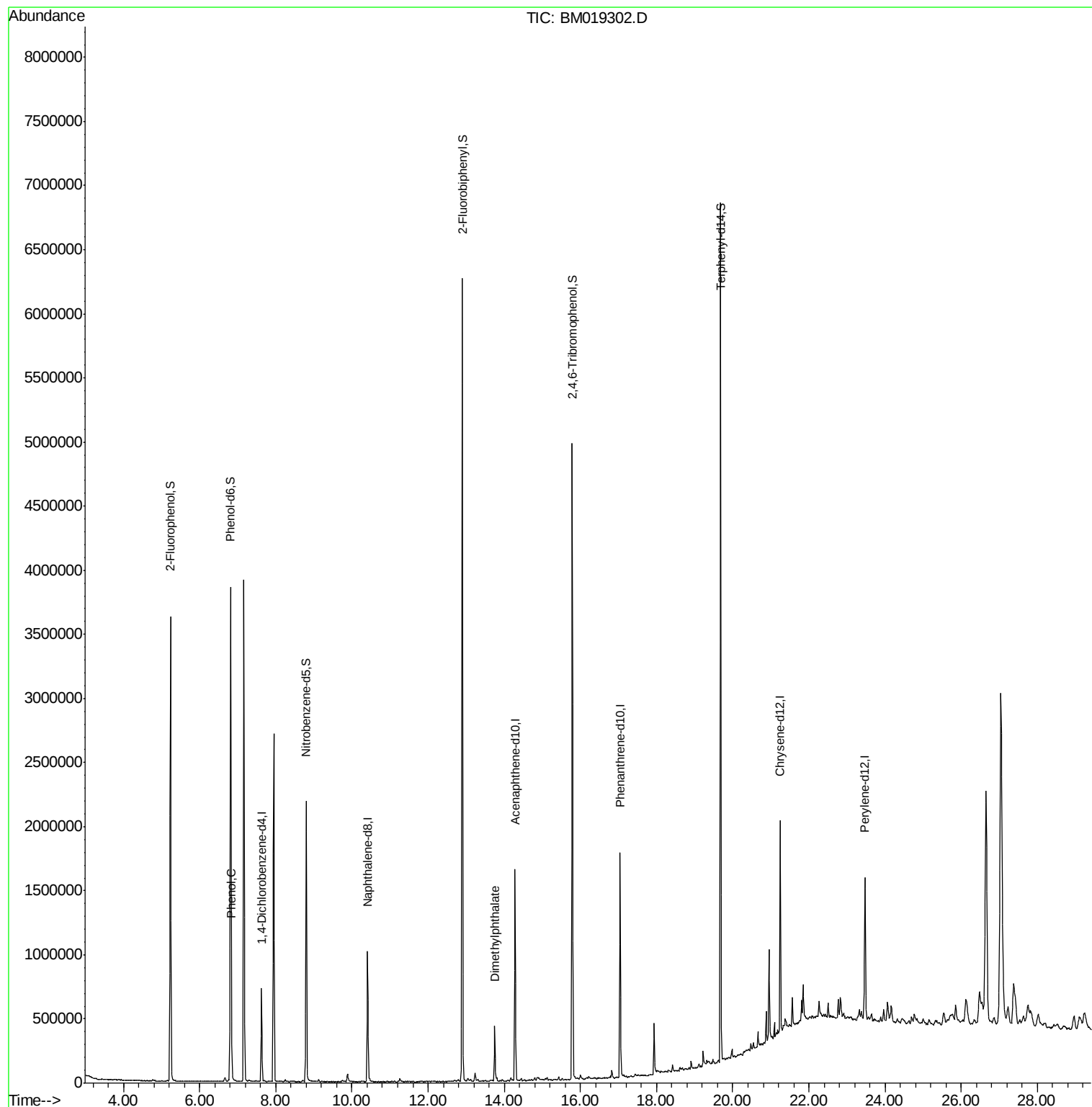
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 197066   | 20.00  | ng    | -0.04    |
| 21) Naphthalene-d8          | 10.41 | 136  | 846519   | 20.00  | ng    | -0.04    |
| 39) Acenaphthene-d10        | 14.29 | 164  | 527409   | 20.00  | ng    | -0.04    |
| 64) Phenanthrene-d10        | 17.04 | 188  | 1039741  | 20.00  | ng    | -0.03    |
| 76) Chrysene-d12            | 21.24 | 240  | 752808   | 20.00  | ng    | -0.03    |
| 87) Perylene-d12            | 23.47 | 264  | 813258   | 20.00  | ng    | -0.04    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.23  | 112  | 1584928  | 130.25 | ng    | -0.02    |
| 7) Phenol-d6                | 6.82  | 99   | 2383553  | 133.92 | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 8.80  | 82   | 1389463  | 77.59  | ng    | -0.04    |
| 42) 2,4,6-Tribromophenol    | 15.79 | 330  | 1045572  | 134.27 | ng    | -0.03    |
| 45) 2-Fluorobiphenyl        | 12.90 | 172  | 3207391  | 79.10  | ng    | -0.04    |
| 79) Terphenyl-d14           | 19.69 | 244  | 3147284  | 83.00  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.84  | 94   | 122506   | 6.386  | ng    | 97       |
| 50) Dimethylphthalate       | 13.75 | 163  | 263100   | 5.831  | ng    | 99       |

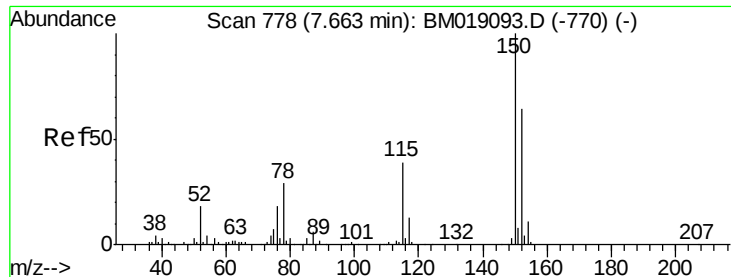
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_M  
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SB-19B(13.5-14.5)

Quant Time: Mar 22 04:45:05 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 11 17:30:46 2019  
Response via : Initial Calibration



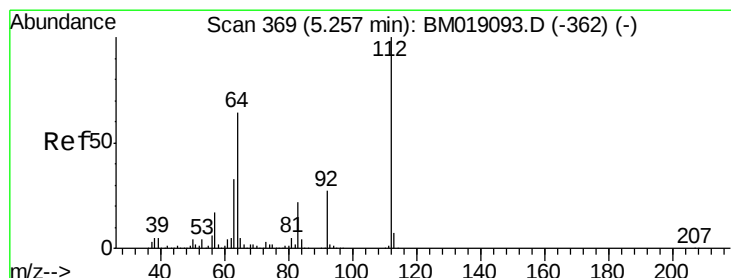
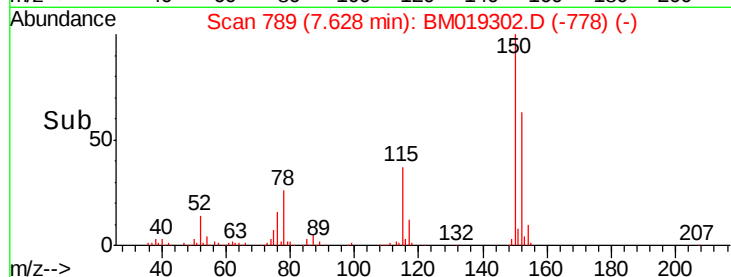
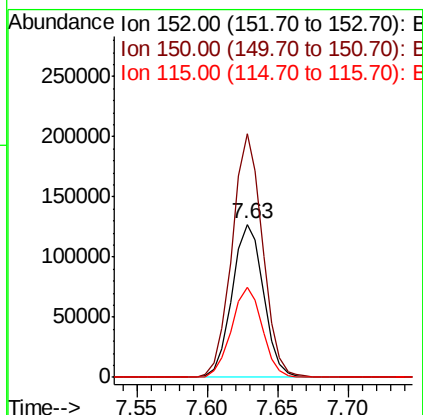
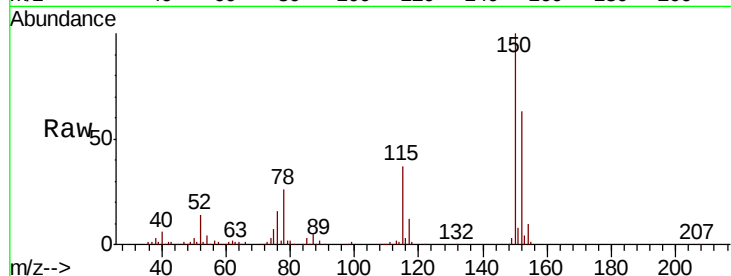


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.63 min Scan# 789  
Delta R.T. -0.04 min  
Lab File: BM019302.D  
Acq: 21 Mar 2019 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
SB-19B(13.5-14.5)

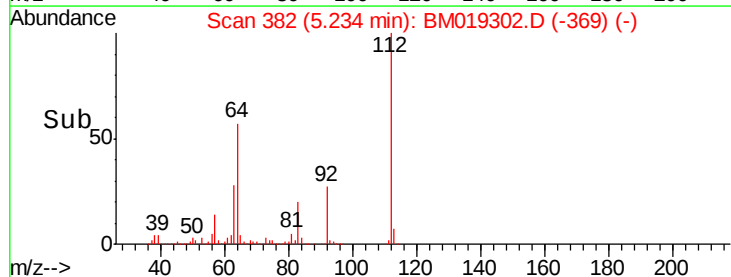
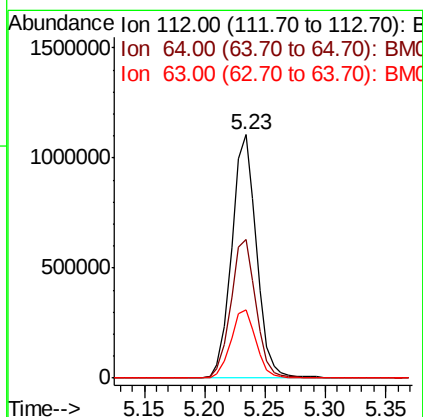
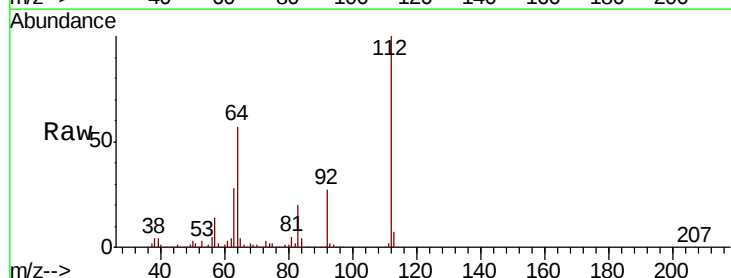
Tgt Ion:152 Resp: 197066  
Ion Ratio Lower Upper  
152 100  
150 158.9 125.3 187.9  
115 58.6 49.4 74.0

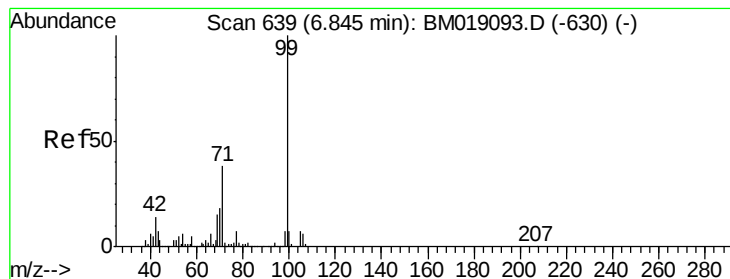


#5

2-Fluorophenol  
Concen: 130.249 ng  
RT: 5.23 min Scan# 382  
Delta R.T. -0.02 min  
Lab File: BM019302.D  
Acq: 21 Mar 2019 22:09

Tgt Ion:112 Resp: 1584928  
Ion Ratio Lower Upper  
112 100  
64 57.0 51.4 77.0  
63 28.2 26.6 40.0





#7

Phenol-d6

Concen: 133.915 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.03 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

Instrument :

BNA\_M

ClientSampleId :

SB-19B(13.5-14.5)

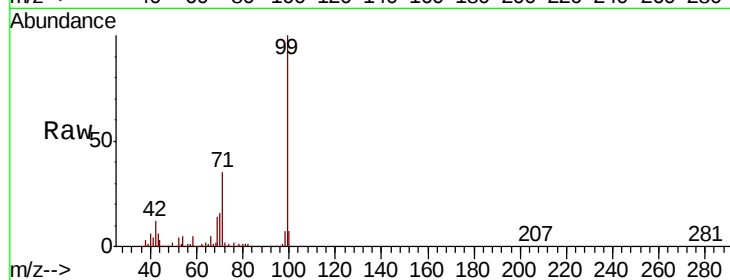
Tgt Ion: 99 Resp: 2383553

Ion Ratio Lower Upper

99 100

42 12.0 10.9 16.3

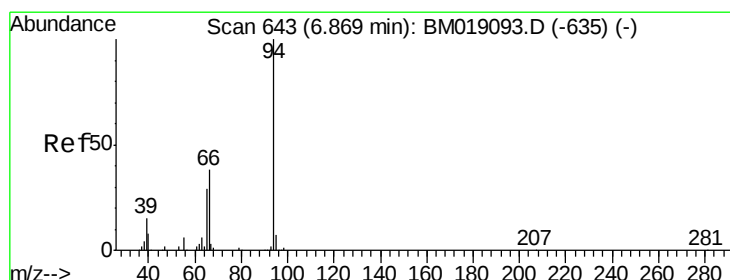
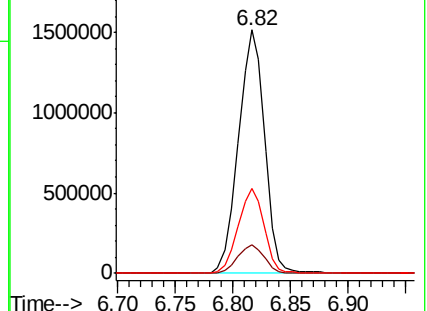
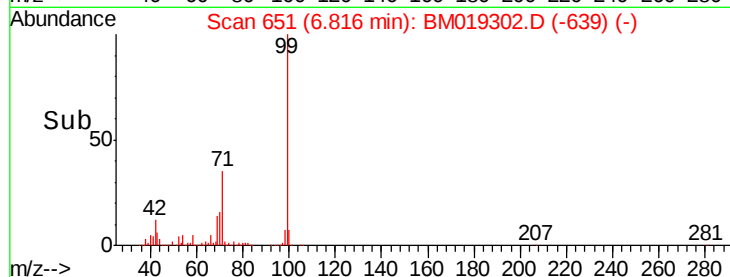
71 34.7 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019302.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019302.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019302.D (-639) (-)



#10

Phenol

Concen: 6.386 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

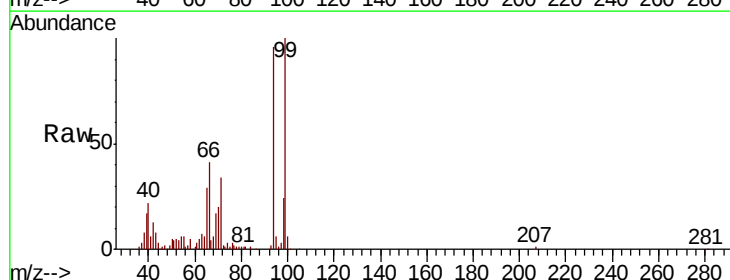
Tgt Ion: 94 Resp: 122506

Ion Ratio Lower Upper

94 100

65 30.3 9.7 49.7

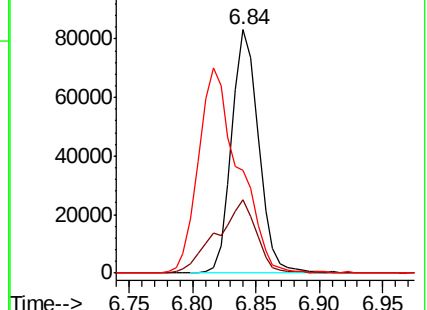
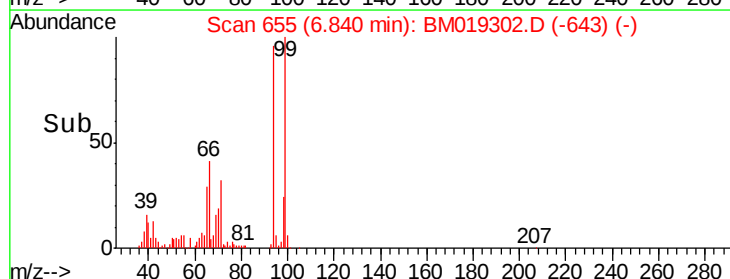
66 42.1 19.2 59.2



Abundance Ion 94.00 (93.70 to 94.70): BM019302.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019302.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019302.D (-643) (-)

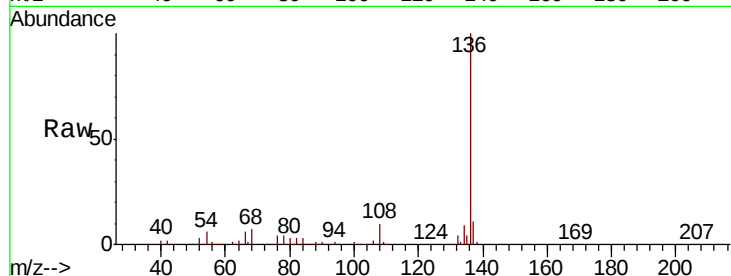




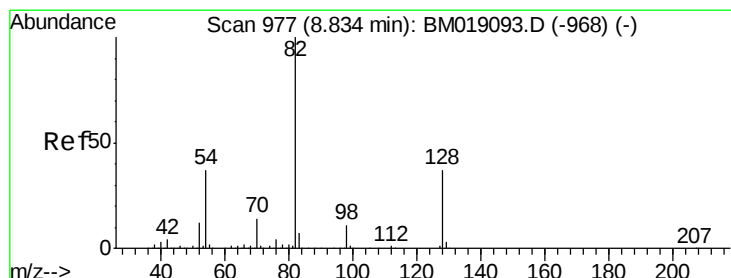
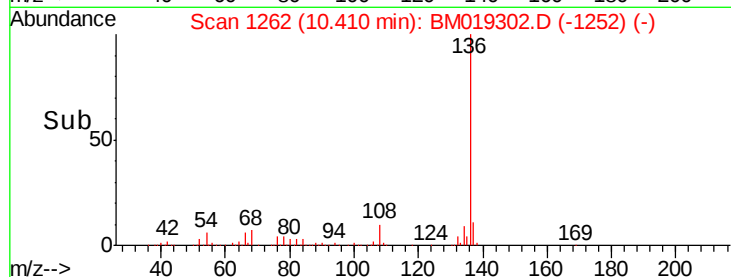
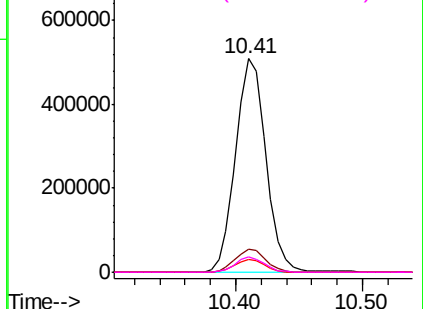
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.41 min Scan# 1262  
Delta R.T. -0.04 min  
Lab File: BM019302.D  
Acq: 21 Mar 2019 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
SB-19B(13.5-14.5)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 846519 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.6   | 13.0   |
| 54       | 5.9   | 5.2   | 7.8    |
| 68       | 7.3   | 5.8   | 8.8    |

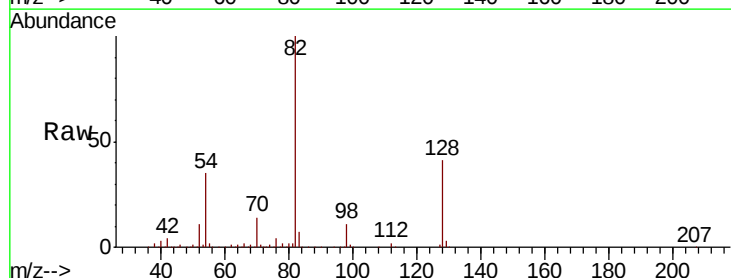


Abundance Ion 136.00 (135.70 to 136.70): E  
800000  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

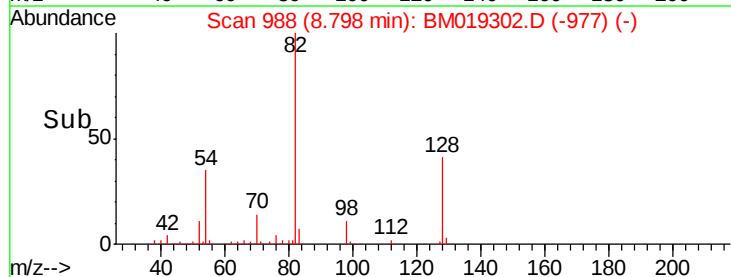
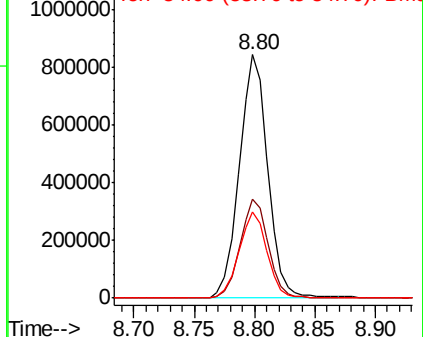


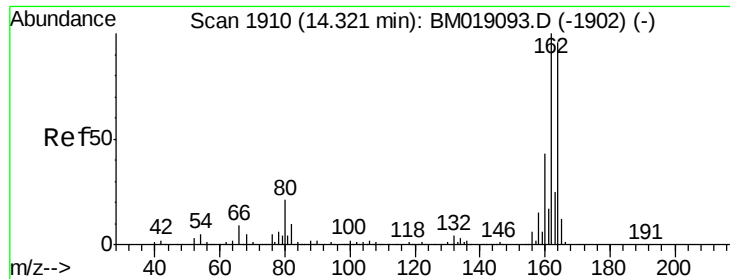
#23  
Nitrobenzene-d5  
Concen: 77.588 ng  
RT: 8.80 min Scan# 988  
Delta R.T. -0.04 min  
Lab File: BM019302.D  
Acq: 21 Mar 2019 22:09

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1389463 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 40.9  | 29.4  | 44.2    |
| 54       | 35.3  | 29.9  | 44.9    |



Abundance Ion 82.00 (81.70 to 82.70): BM  
1000000  
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: 14.29 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

Instrument :

BNA\_M

ClientSampleId :

SB-19B(13.5-14.5)

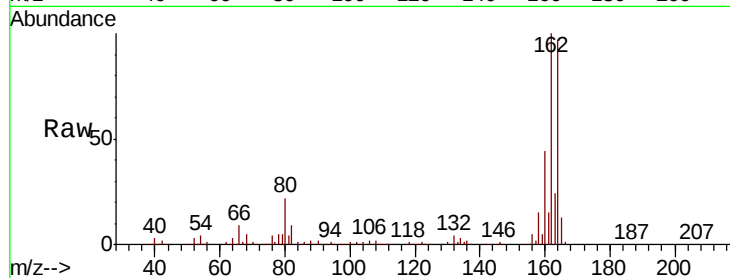
Tgt Ion:164 Resp: 527409

Ion Ratio Lower Upper

164 100

162 102.6 83.5 125.3

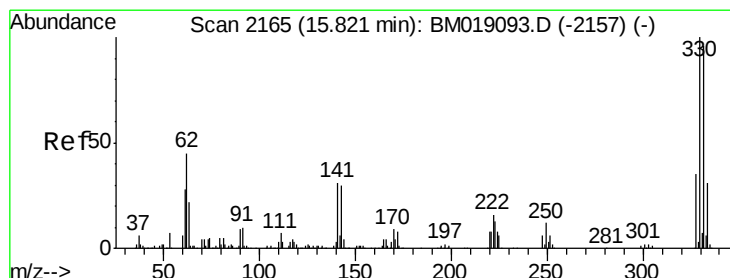
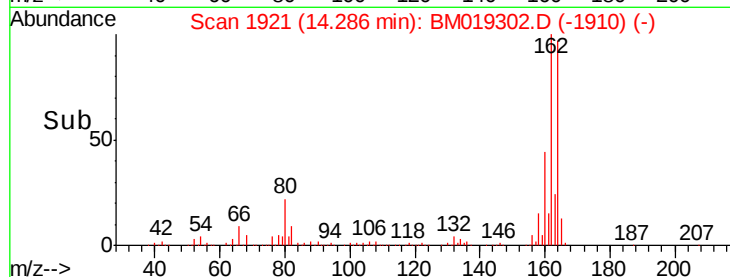
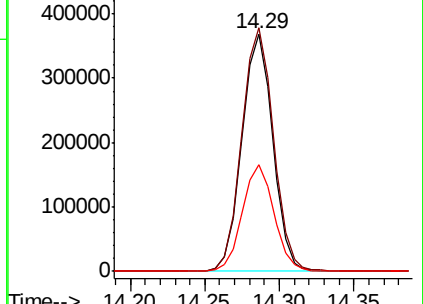
160 44.7 36.3 54.5



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: 134.271 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.03 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

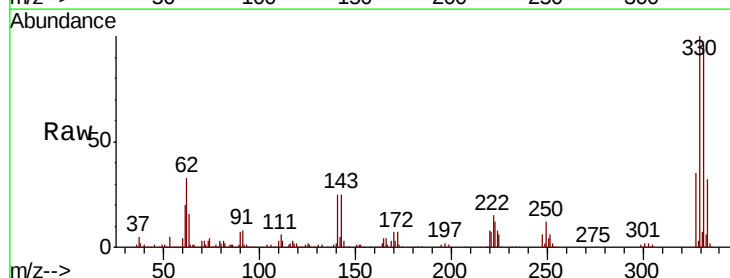
Tgt Ion:330 Resp: 1045572

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

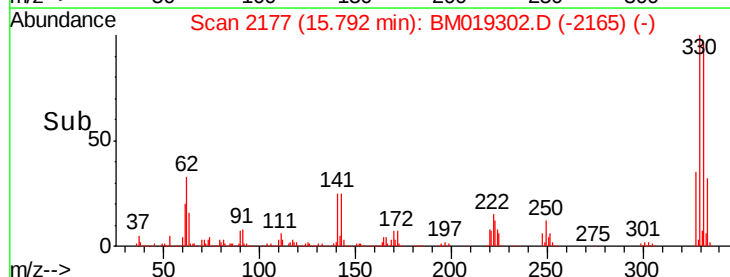
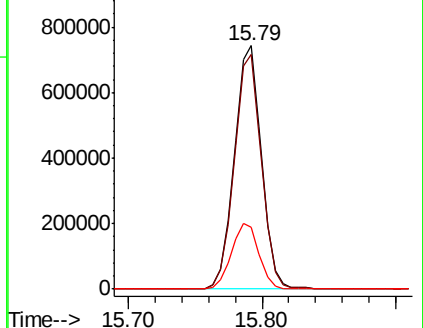
141 27.6 27.0 40.4



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

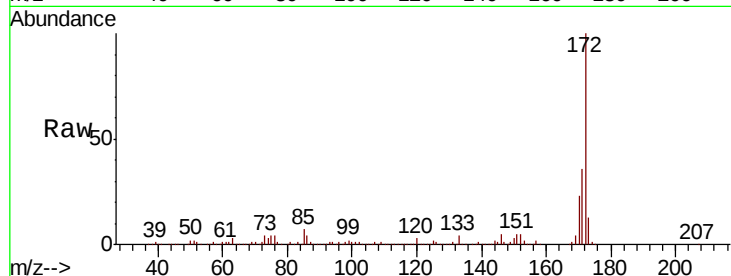




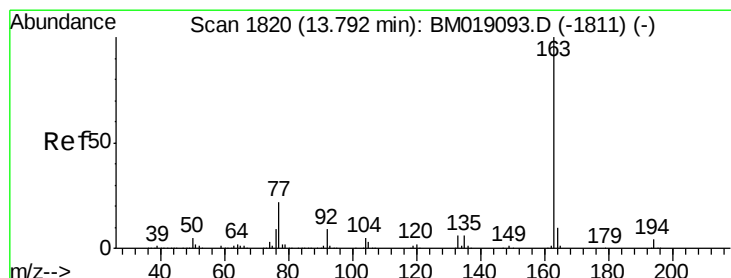
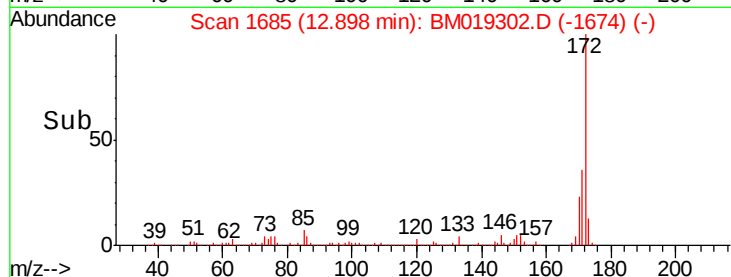
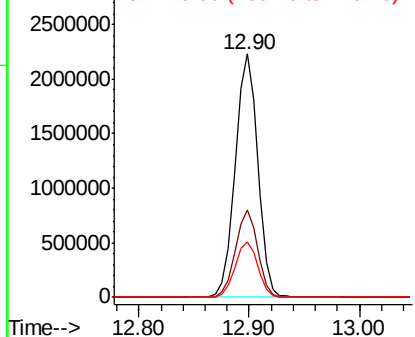
#45  
2-Fluorobiphenyl  
Concen: 79.105 ng  
RT: 12.90 min Scan# 1685  
Delta R.T. -0.04 min  
Lab File: BM019302.D  
Acq: 21 Mar 2019 22:09

Instrument :  
BNA\_M  
ClientSampleId :  
SB-19B(13.5-14.5)

Tgt Ion:172 Resp: 3207391  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.6 42.8  
170 23.0 18.6 28.0

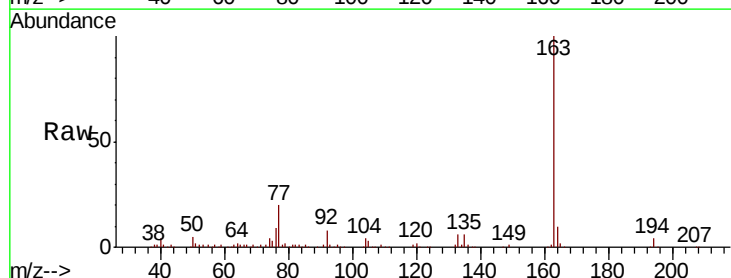


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

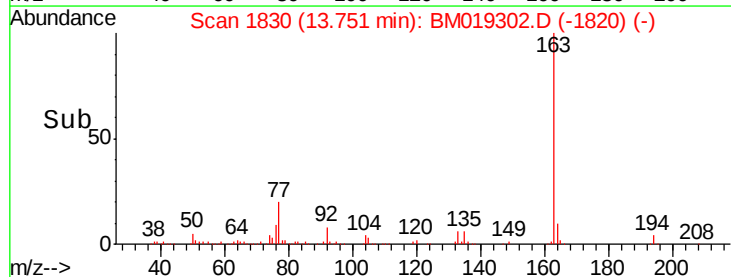
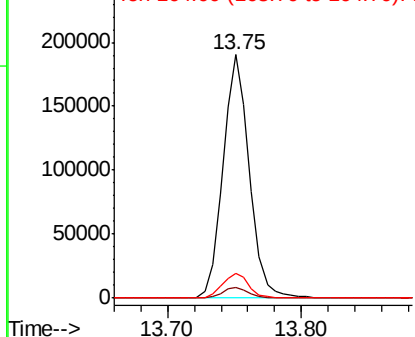


#50  
Dimethylphthalate  
Concen: 5.831 ng  
RT: 13.75 min Scan# 1830  
Delta R.T. -0.04 min  
Lab File: BM019302.D  
Acq: 21 Mar 2019 22:09

Tgt Ion:163 Resp: 263100  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.1 7.7 11.5



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: 17.04 min Scan# 2390

Delta R.T. -0.03 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

Instrument :

BNA\_M

ClientSampleId :

SB-19B(13.5-14.5)

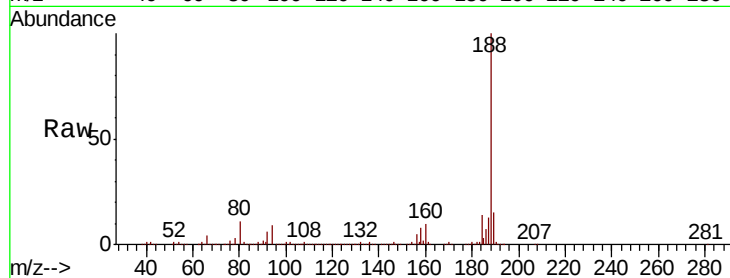
Tgt Ion:188 Resp: 1039741

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

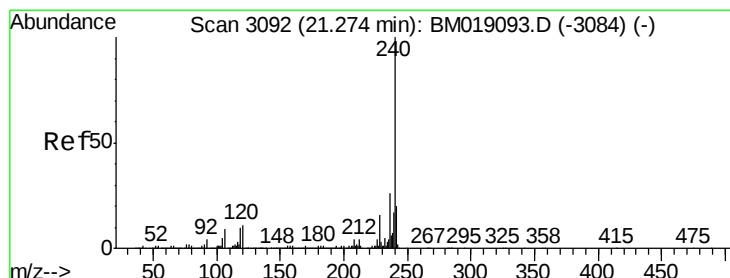
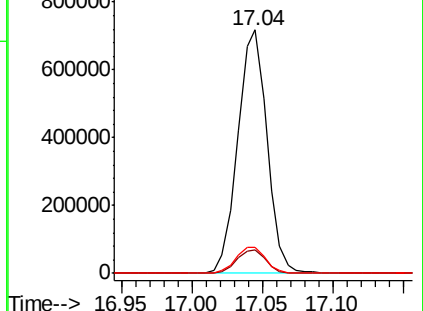
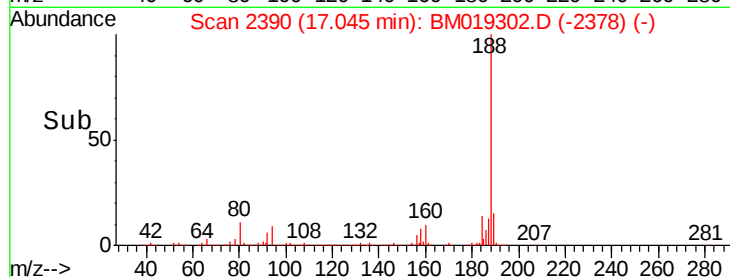
80 10.9 9.7 14.5



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. -0.03 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

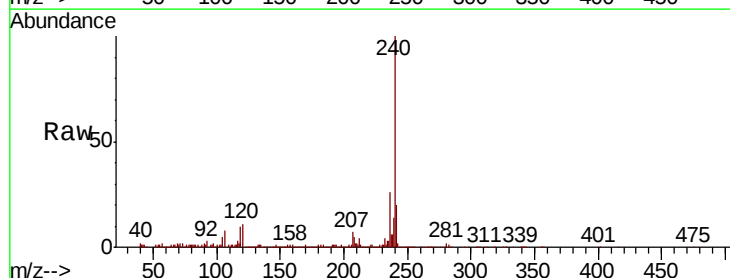
Tgt Ion:240 Resp: 752808

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

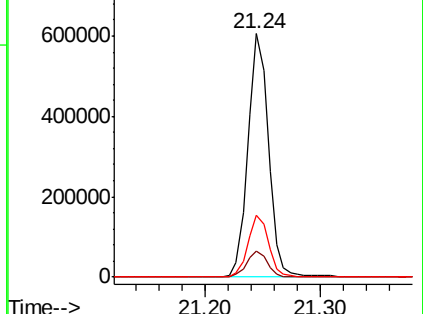
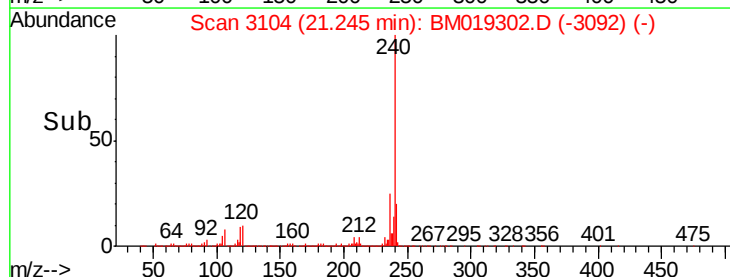
236 25.5 21.0 31.4

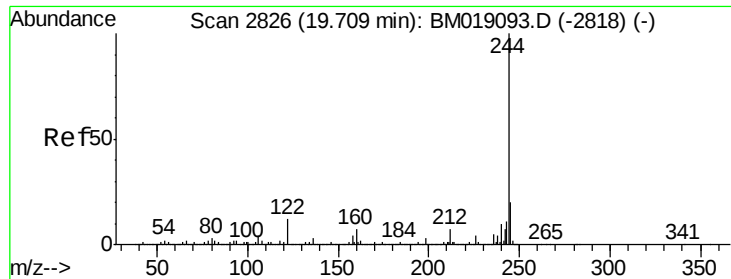


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.997 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

Instrument :

BNA\_M

ClientSampleId :

SB-19B(13.5-14.5)

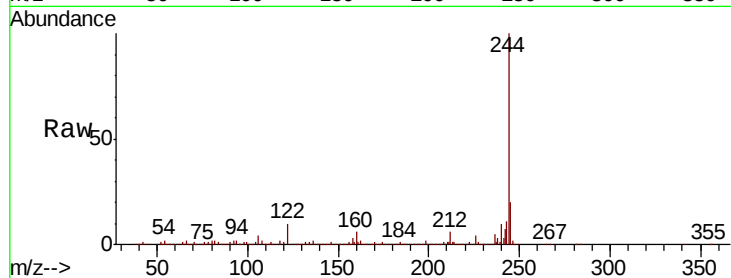
Tgt Ion:244 Resp: 3147284

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.2

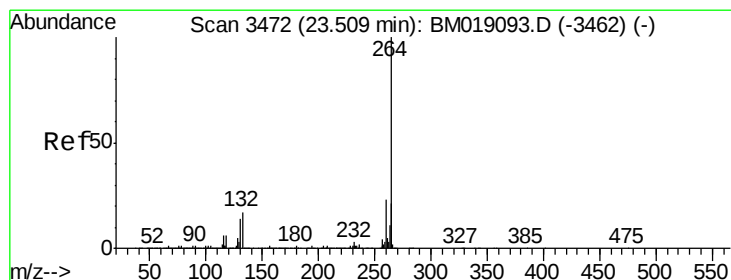
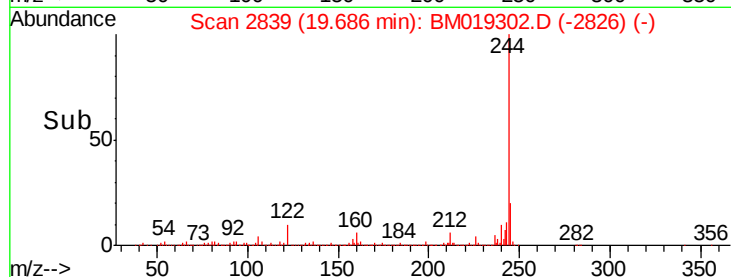
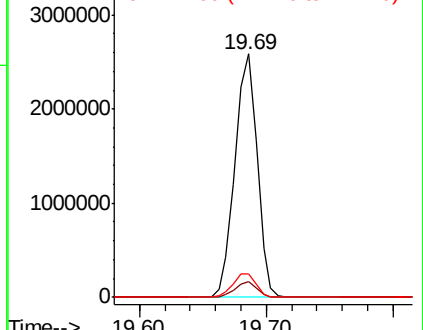
122 9.6 9.4 14.2



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: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019302.D

Acq: 21 Mar 2019 22:09

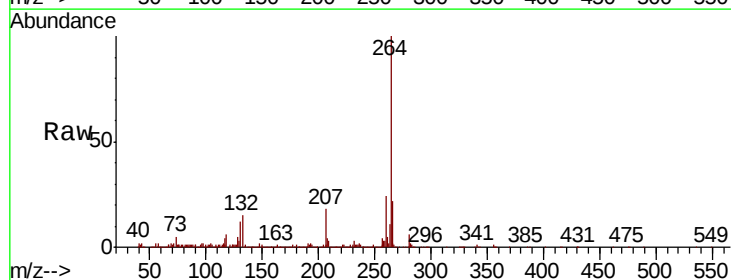
Tgt Ion:264 Resp: 813258

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.0 17.3 25.9



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

