

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061620\  
 Data File : BM026418.D  
 Acq On : 16 Jun 2020 18:41  
 Operator : JU/CG  
 Sample : L3020-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-23(19-21)

Quant Time: Jun 16 19:13:00 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 16 10:23:36 2020  
 Response via : Initial Calibration

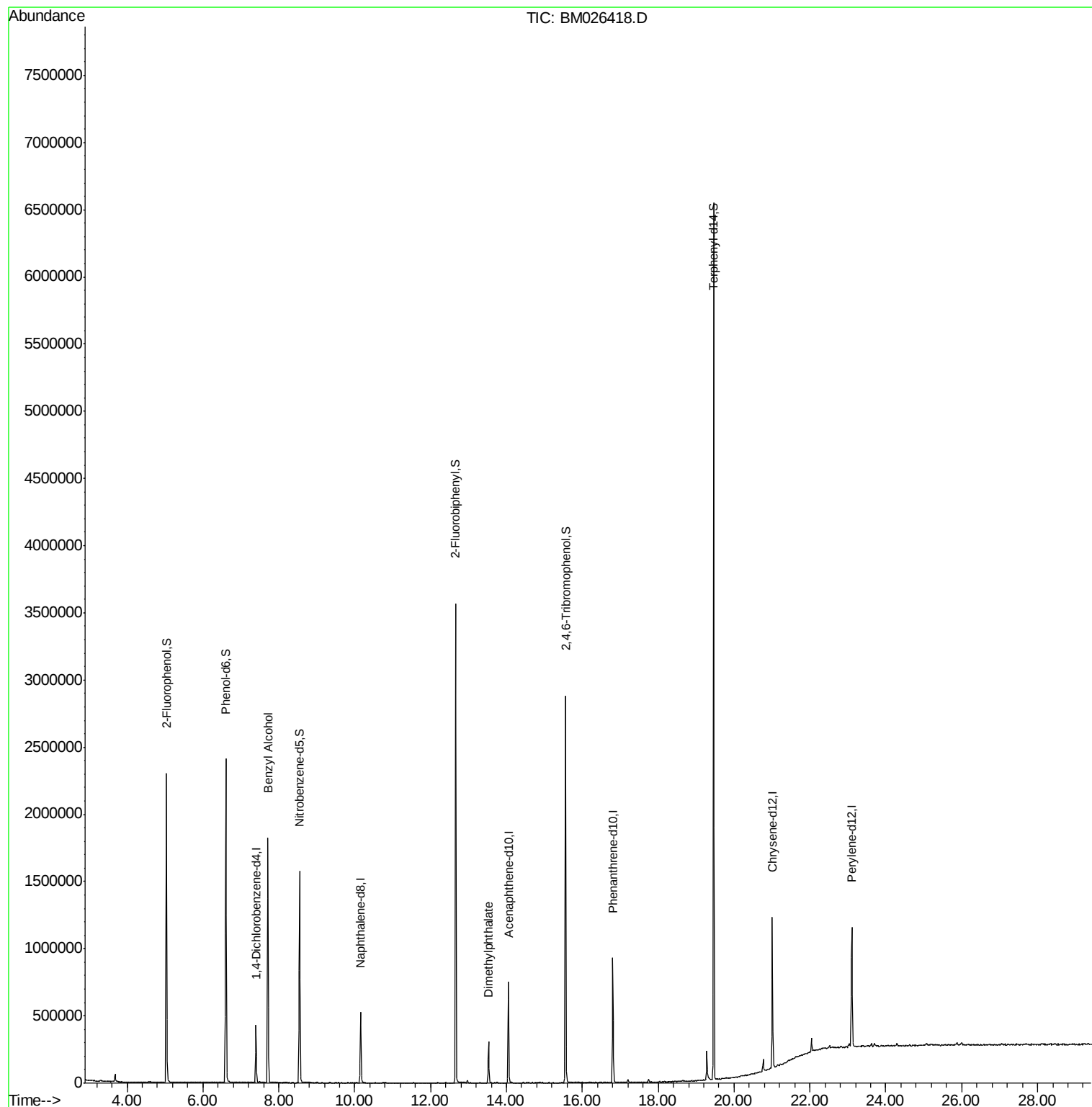
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.40  | 152  | 99240    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.16 | 136  | 388137   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 14.05 | 164  | 235248   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 16.80 | 188  | 501116   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 21.02 | 240  | 542700   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 23.10 | 264  | 572700   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.03  | 112  | 835068   | 148.77 | ng    | 0.00        |
| 7) Phenol-d6                | 6.60  | 99   | 1170853  | 144.05 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 8.55  | 82   | 816000   | 103.22 | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 15.56 | 330  | 456855   | 160.32 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 12.66 | 172  | 1643656  | 106.06 | ng    | 0.00        |
| 79) Terphenyl-d14           | 19.46 | 244  | 2782984  | 99.54  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 15) Benzyl Alcohol          | 7.71  | 79   | 14336    | 2.077  | ng    | Qvalue # 49 |
| 50) Dimethylphthalate       | 13.53 | 163  | 187843   | 10.917 | ng    | 100         |

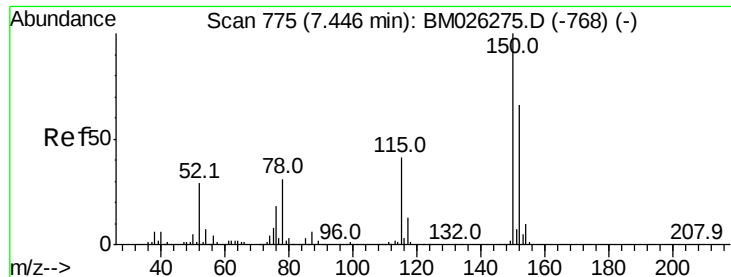
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061620\  
Data File : BM026418.D  
Acq On : 16 Jun 2020 18:41  
Operator : JU/CG  
Sample : L3020-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MW-23(19-21)

Quant Time: Jun 16 19:13:00 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 16 10:23:36 2020  
Response via : Initial Calibration



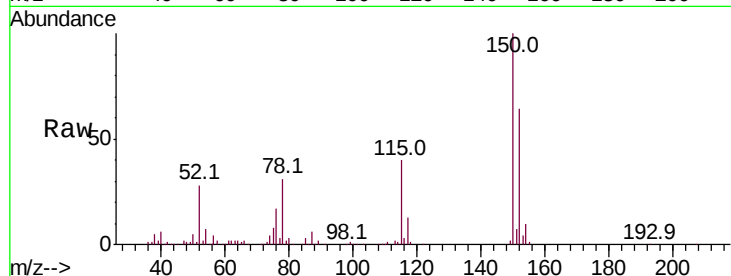


#1

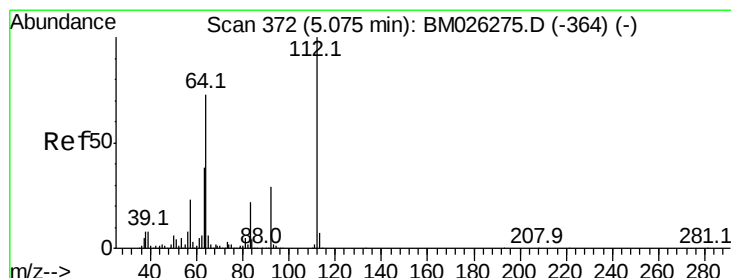
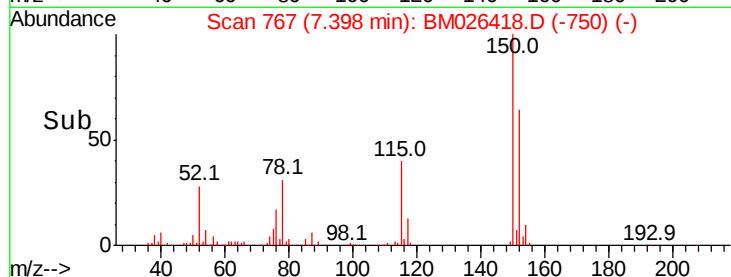
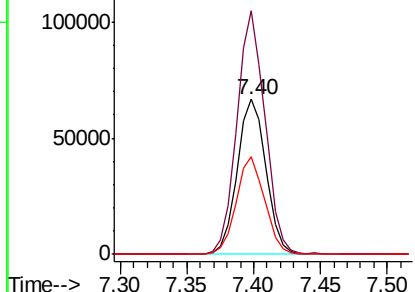
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.40 min Scan# 767  
Delta R.T. -0.00 min  
Lab File: BM026418.D  
Acq: 16 Jun 2020 18:41

Instrument :  
BNA\_M  
ClientSampleId :  
MW-23(19-21)

Tot Ion:152 Resp: 99240  
Ion Ratio Lower Upper  
152 100  
150 157.4 127.8 191.6  
115 63.0 51.5 77.3



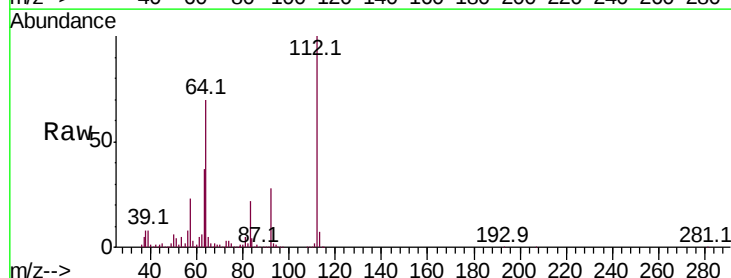
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



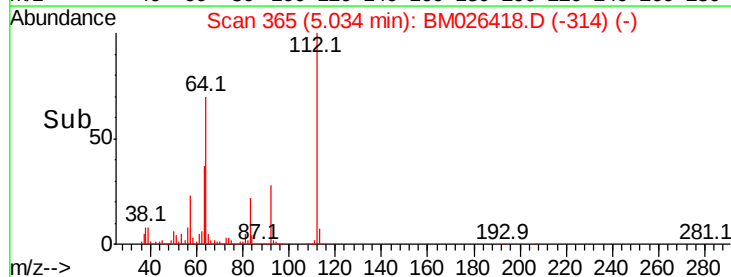
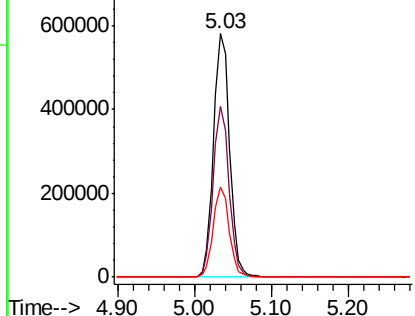
#5

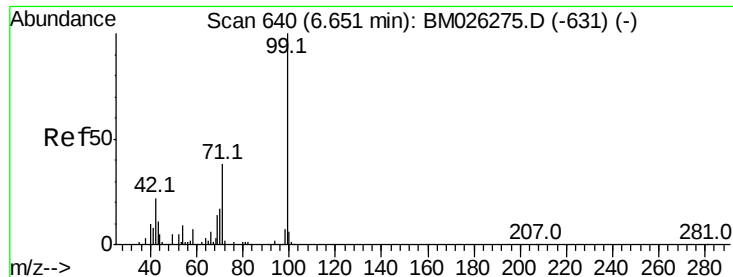
2-Fluorophenol  
Concen: 148.774 ng  
RT: 5.03 min Scan# 365  
Delta R.T. -0.00 min  
Lab File: BM026418.D  
Acq: 16 Jun 2020 18:41

Tgt Ion:112 Resp: 835068  
Ion Ratio Lower Upper  
112 100  
64 69.9 56.0 84.0  
63 36.8 29.0 43.6



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: 144.053 ng

RT: 6.60 min Scan# 632

Delta R.T. -0.00 min

Lab File: BM026418.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA\_M

ClientSampleId :

MW-23(19-21)

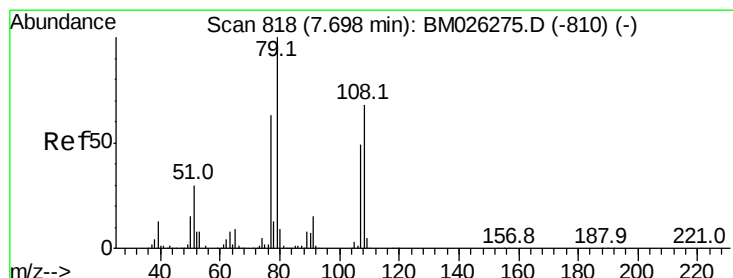
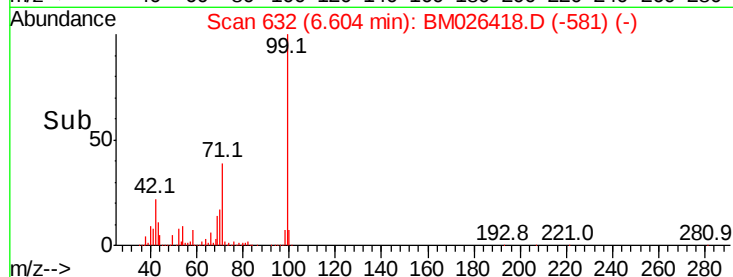
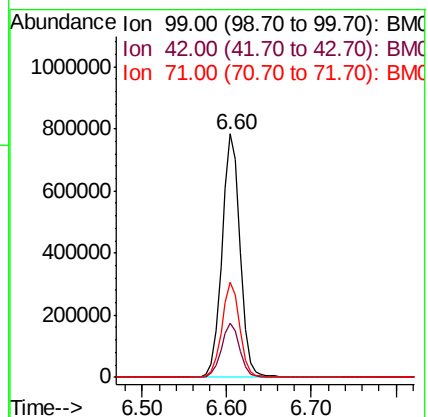
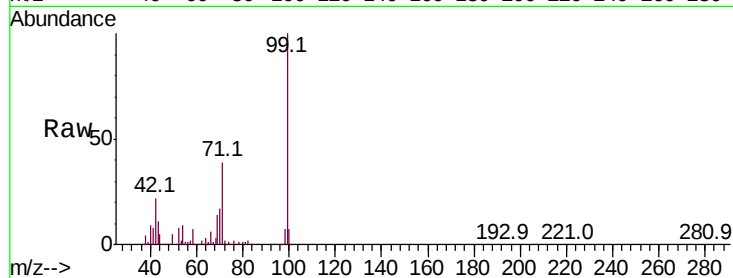
Tot Ion: 99 Resp: 1170853

Ion Ratio Lower Upper

99 100

42 22.4 17.8 26.6

71 39.1 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.077 ng

RT: 7.71 min Scan# 820

Delta R.T. 0.06 min

Lab File: BM026418.D

Acq: 16 Jun 2020 18:41

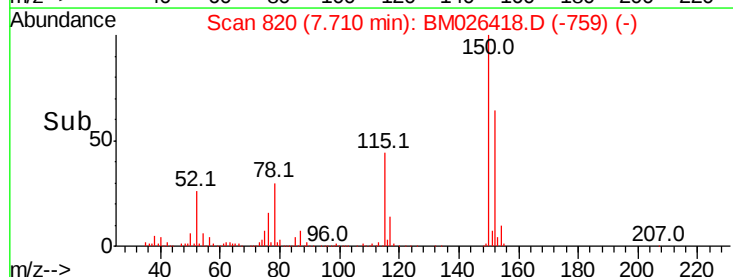
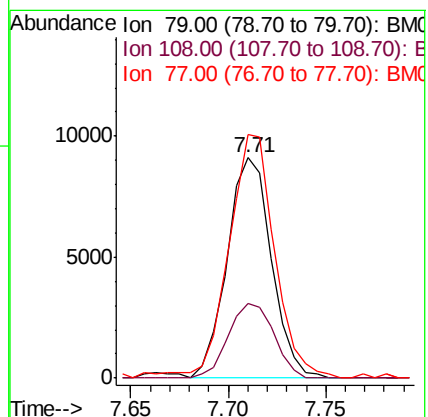
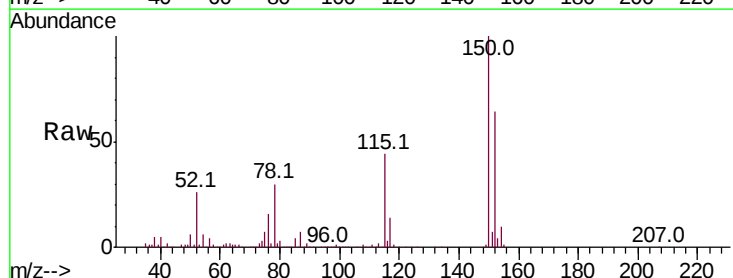
Tgt Ion: 79 Resp: 14336

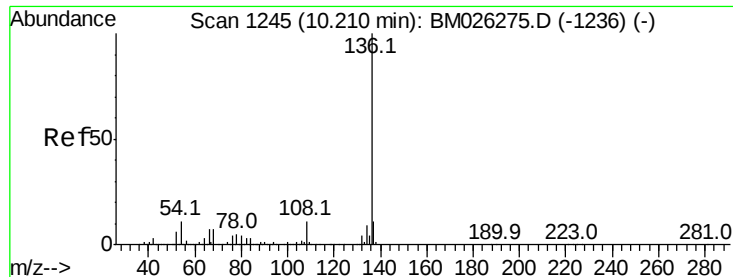
Ion Ratio Lower Upper

79 100

108 34.2 54.6 82.0#

77 110.7 51.0 76.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.16 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BM026418.D

Acq: 16 Jun 2020 18:41

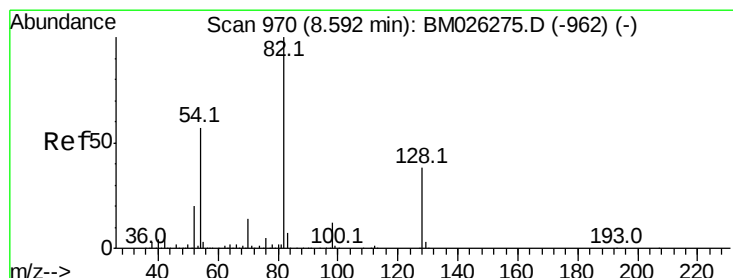
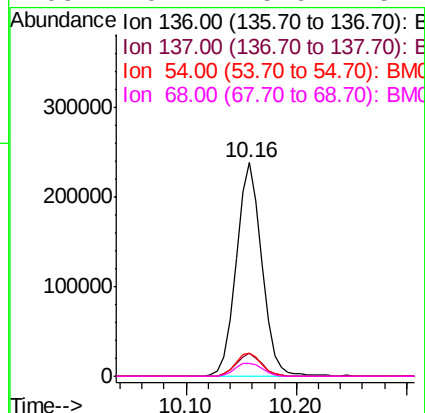
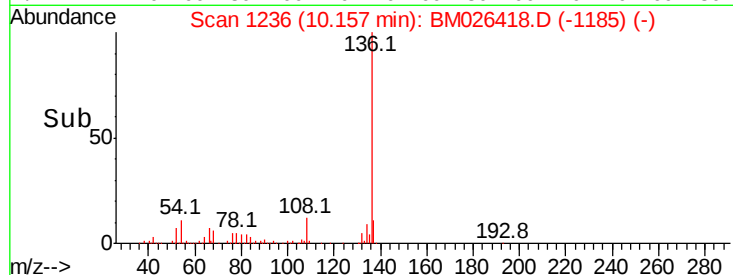
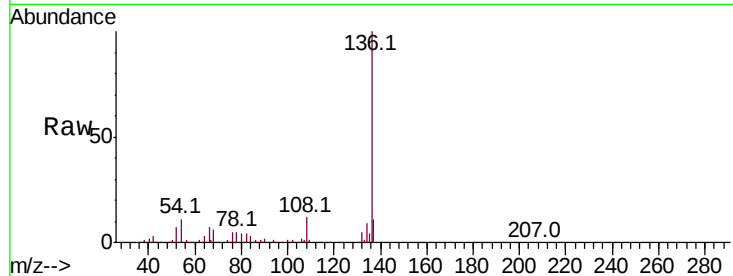
Instrument :

BNA\_M

ClientSampleId :

MW-23(19-21)

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 388137   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.9  | 8.5 12.7 |
| 54          | 10.9  | 9.0 13.6 |
| 68          | 6.1   | 5.6 8.4  |



#23

Nitrobenzene-d5

Concen: 103.225 ng

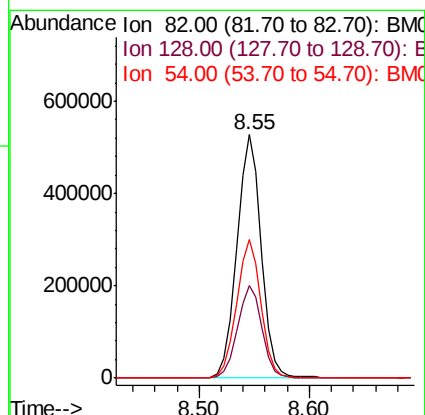
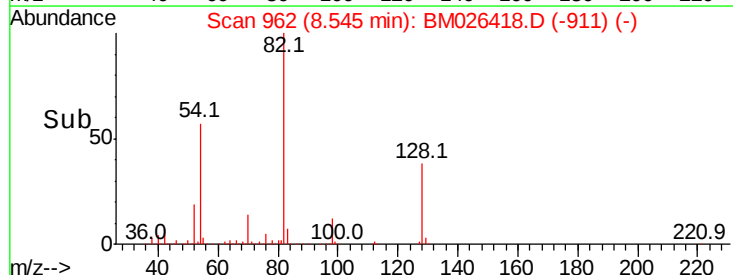
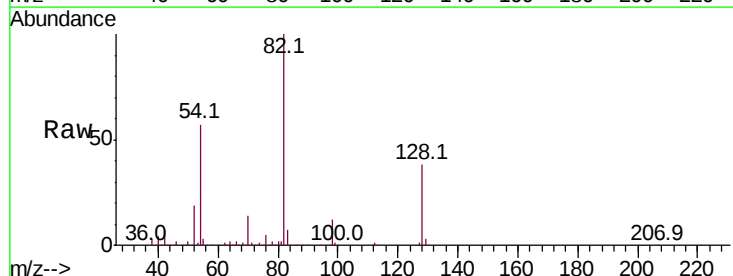
RT: 8.55 min Scan# 962

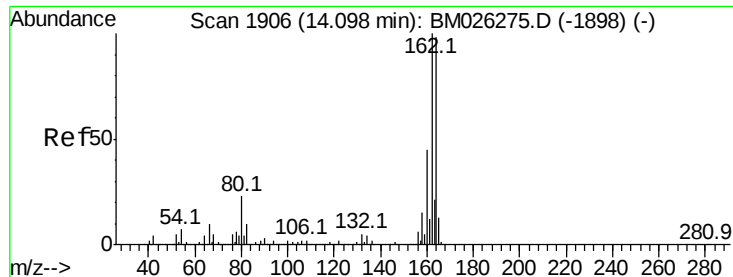
Delta R.T. -0.00 min

Lab File: BM026418.D

Acq: 16 Jun 2020 18:41

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 816000    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 38.3  | 31.0 46.6 |
| 54          | 56.9  | 45.4 68.2 |

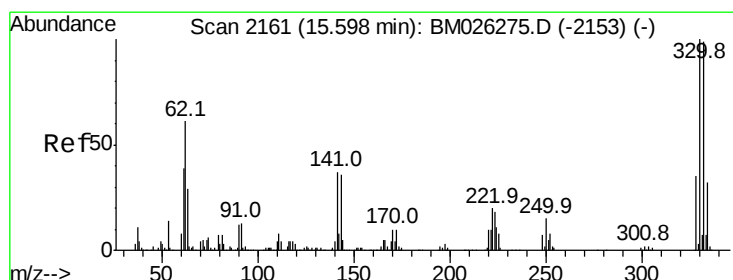
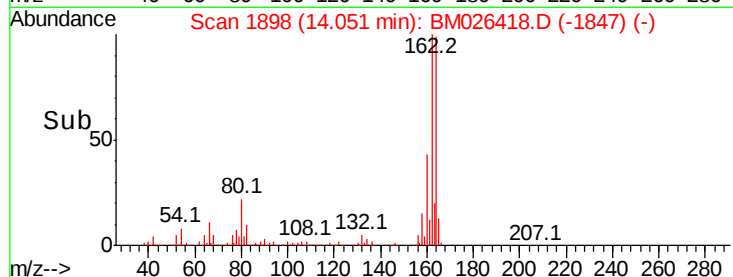
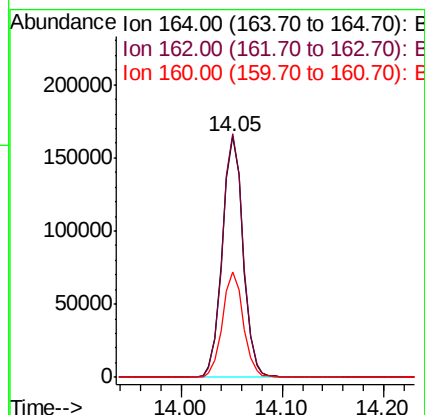
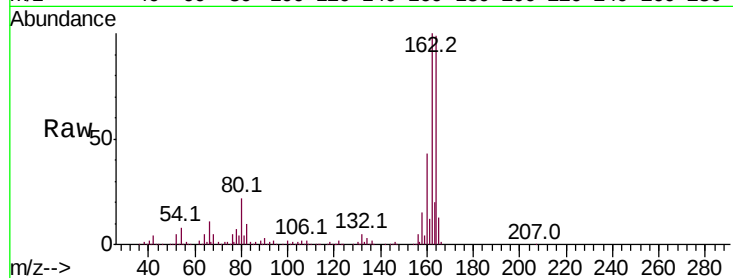




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.05 min Scan# 1898  
Delta R.T. -0.00 min  
Lab File: BM026418.D  
Acq: 16 Jun 2020 18:41

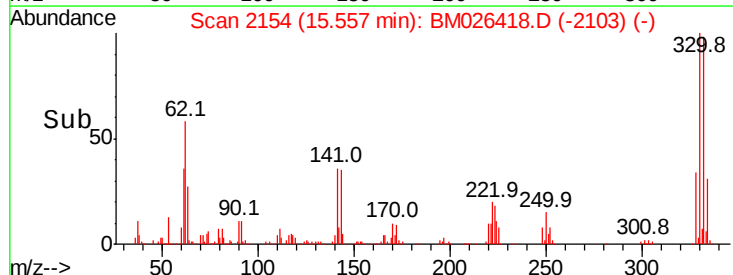
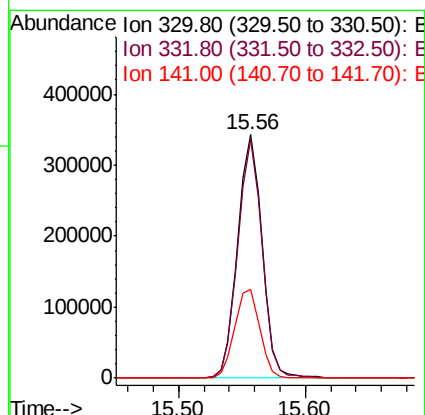
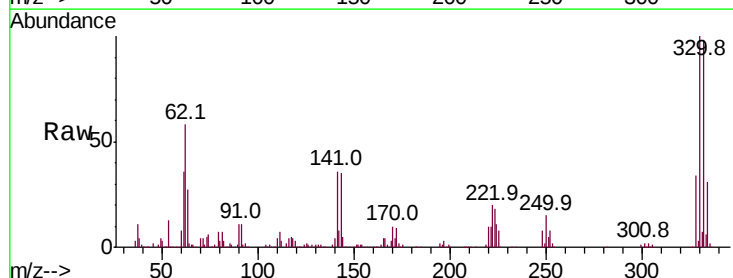
Instrument :  
BNA\_M  
ClientSampleId :  
MW-23(19-21)

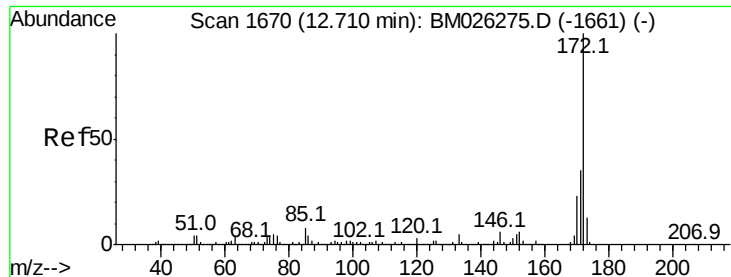
Tot Ion:164 Resp: 235248  
Ion Ratio Lower Upper  
164 100  
162 101.0 77.7 116.5  
160 43.7 34.2 51.2



#42  
2,4,6-Tribromophenol  
Concen: 160.318 ng  
RT: 15.56 min Scan# 2154  
Delta R.T. -0.00 min  
Lab File: BM026418.D  
Acq: 16 Jun 2020 18:41

Tgt Ion:330 Resp: 456855  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.7 116.5  
141 37.7 29.7 44.5

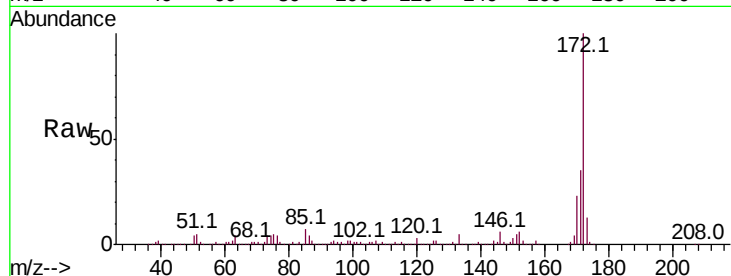




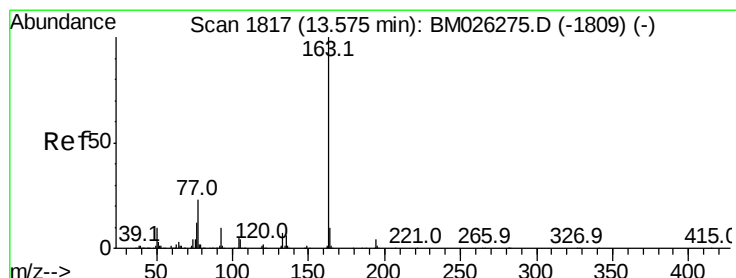
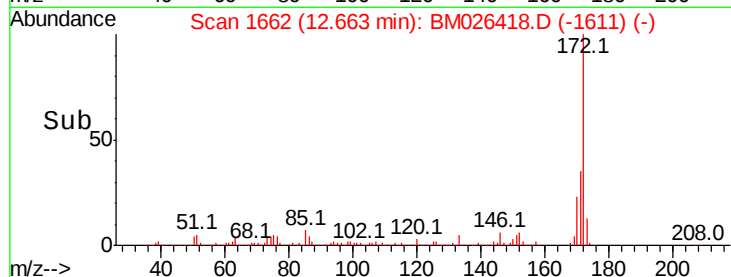
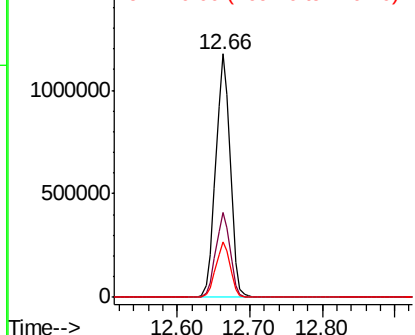
#45  
2-Fluorobiphenyl  
Concen: 106.059 ng  
RT: 12.66 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: BM026418.D  
Acq: 16 Jun 2020 18:41

Instrument :  
BNA\_M  
ClientSampleId :  
MW-23(19-21)

Tot Ion:172 Resp: 1643656  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.8 41.8  
170 22.9 18.2 27.4

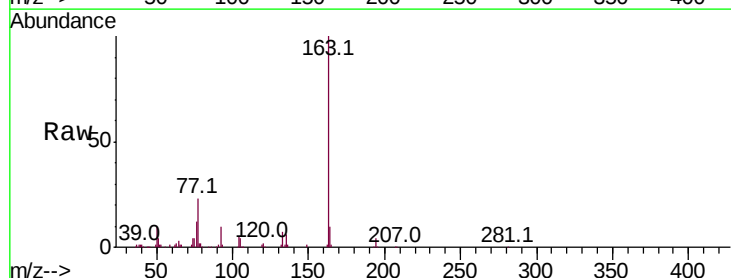


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

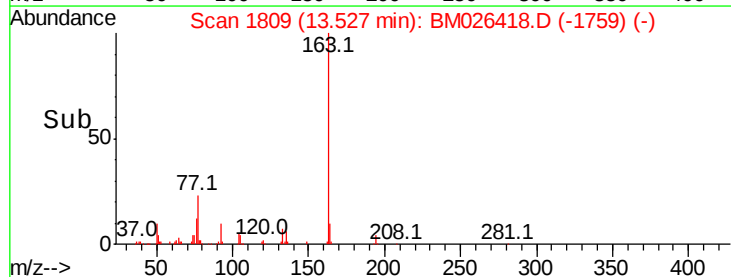
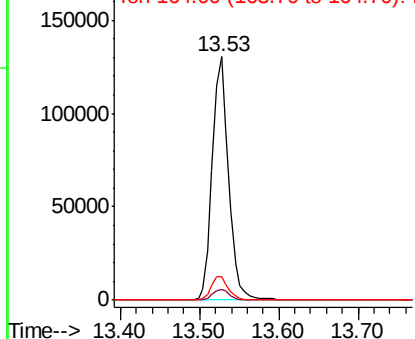


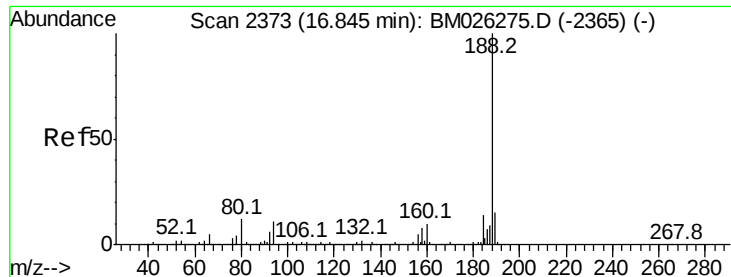
#50  
Dimethylphthalate  
Concen: 10.917 ng  
RT: 13.53 min Scan# 1809  
Delta R.T. -0.01 min  
Lab File: BM026418.D  
Acq: 16 Jun 2020 18:41

Tgt Ion:163 Resp: 187843  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 9.8 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: 16.80 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM026418.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA\_M

ClientSampleId :

MW-23(19-21)

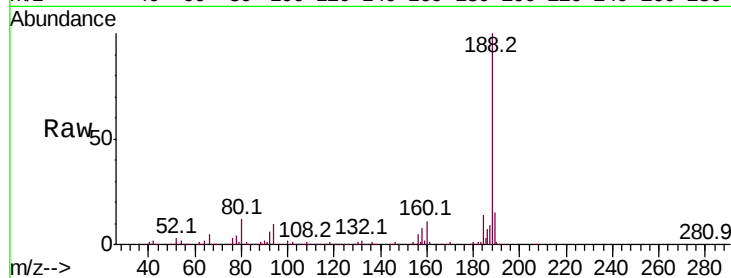
Tot Ion:188 Resp: 501116

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

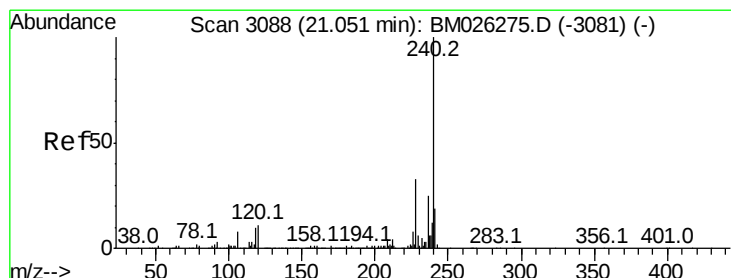
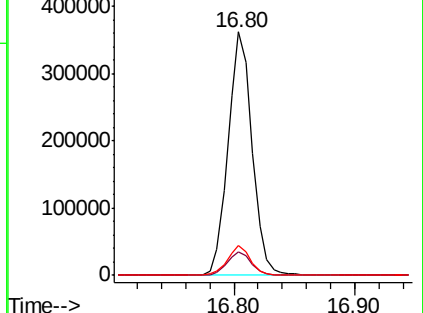
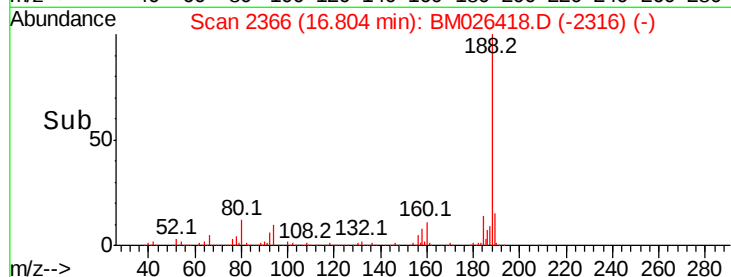
80 12.1 9.5 14.3



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: 21.02 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM026418.D

Acq: 16 Jun 2020 18:41

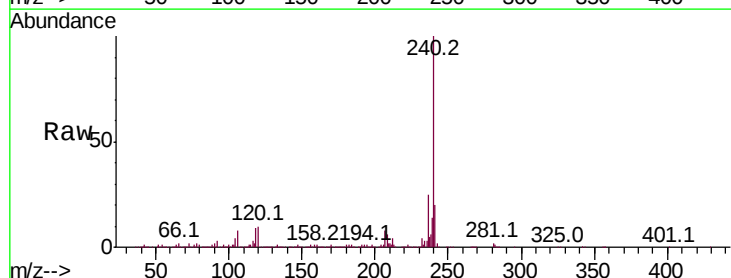
Tgt Ion:240 Resp: 542700

Ion Ratio Lower Upper

240 100

120 10.0 9.3 13.9

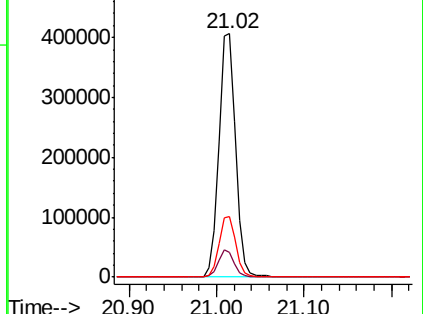
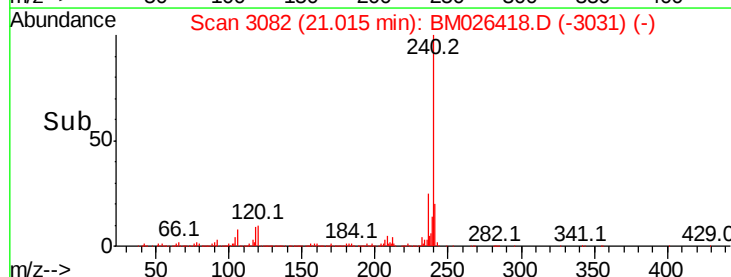
236 24.6 19.4 29.0

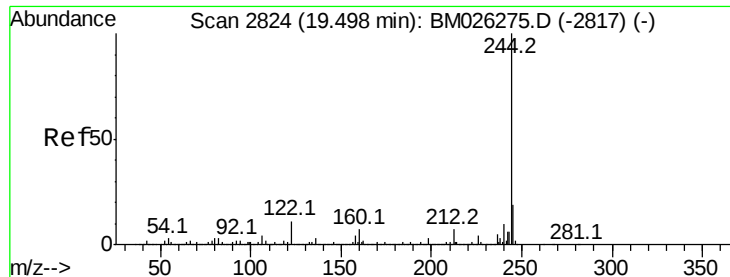


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.544 ng

RT: 19.46 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM026418.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA\_M

ClientSampleId :

MW-23(19-21)

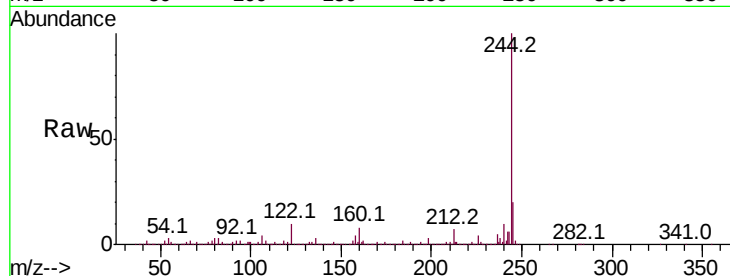
Tot Ion:244 Resp: 2782984

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

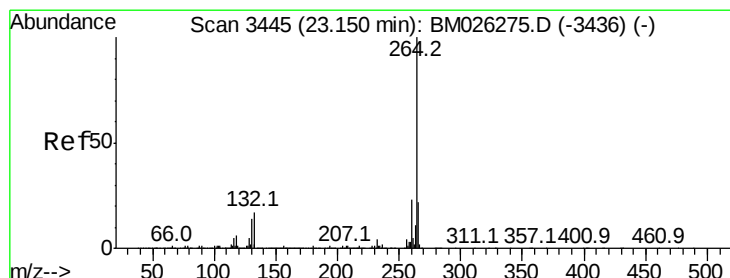
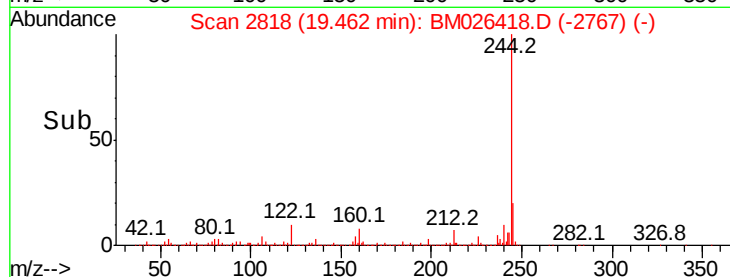
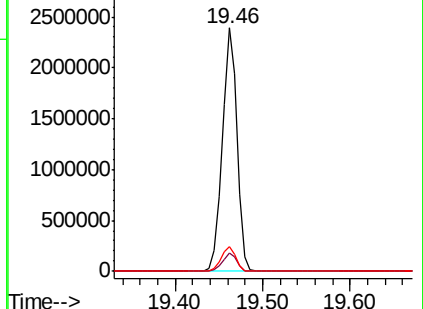
122 10.3 8.6 13.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.10 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM026418.D

Acq: 16 Jun 2020 18:41

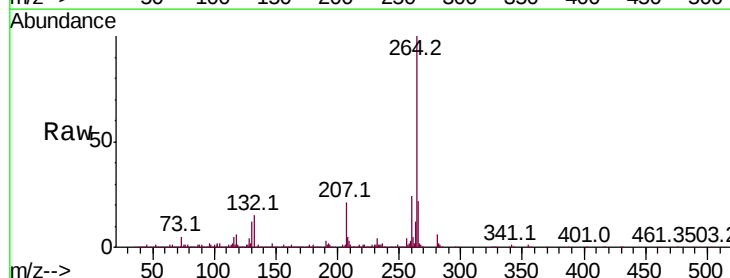
Tgt Ion:264 Resp: 572700

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.0 17.8 26.6



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

