

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\  
 Data File : BM022510.D  
 Acq On : 03 Sep 2019 19:33  
 Operator : HP/JU  
 Sample : K4555-22  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 04 02:03:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 02 03:54:42 2019  
 Response via : Initial Calibration

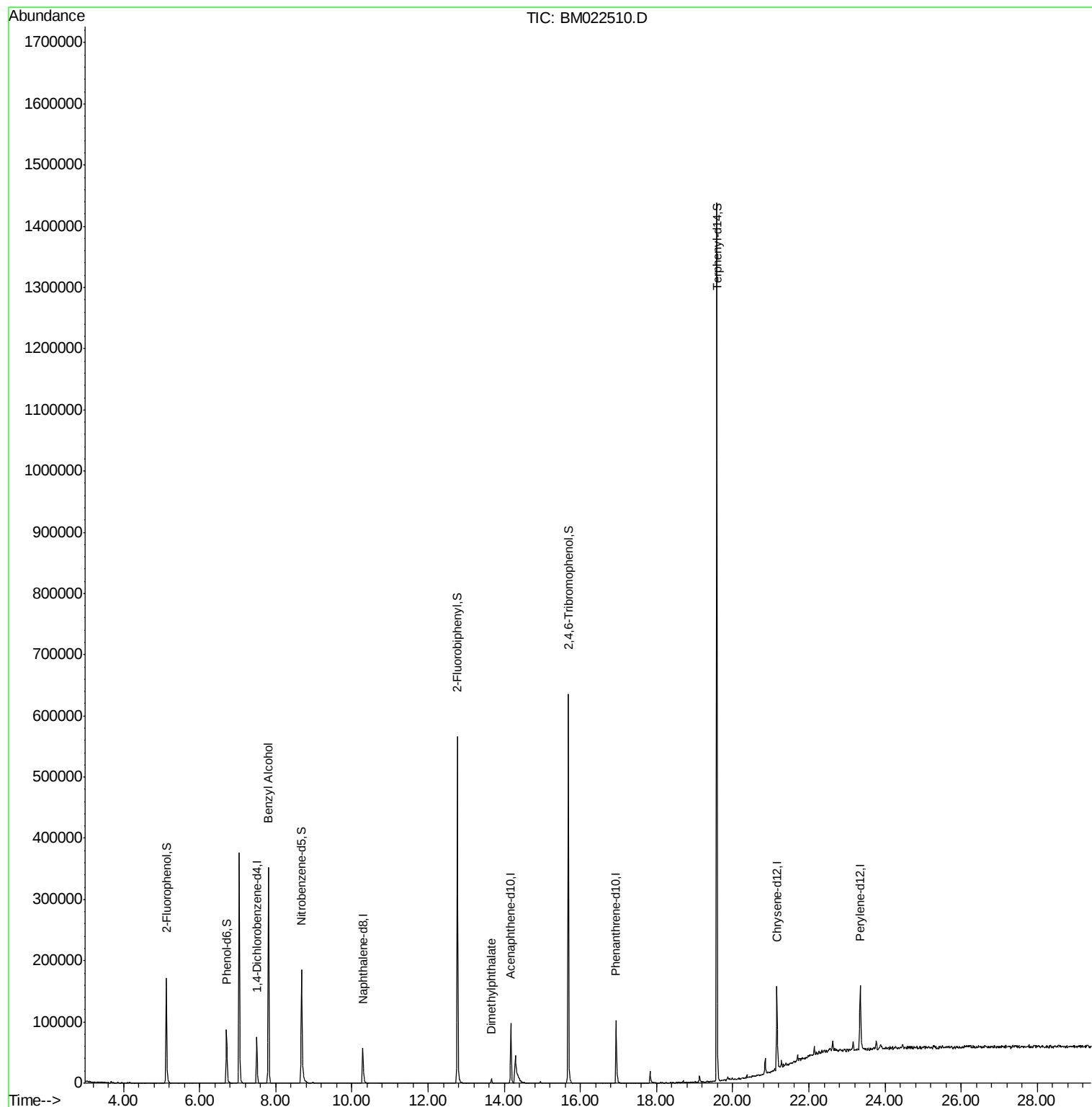
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.50  | 152  | 16184    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.28 | 136  | 55123    | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.17 | 164  | 33507    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.94 | 188  | 68711    | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.16 | 240  | 74230    | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 23.34 | 264  | 92212    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.13  | 112  | 59250    | 64.26  | ng    | 0.00     |
| 7) Phenol-d6                | 6.70  | 99   | 44905    | 36.42  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.68  | 82   | 121384   | 96.45  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.68 | 330  | 83383    | 121.61 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.77 | 172  | 259367   | 87.69  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.58 | 244  | 540230   | 96.05  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 15) Benzyl Alcohol          | 7.81  | 79   | 2514     | 2.149  | ng    | # 1      |
| 50) Dimethylphthalate       | 13.66 | 163  | 6588     | 2.261  | ng    | # 77     |

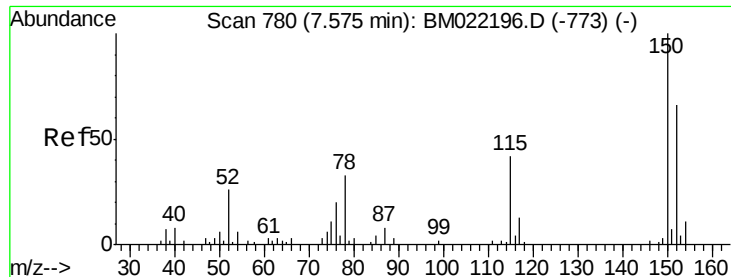
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 02 03:54:42 2019  
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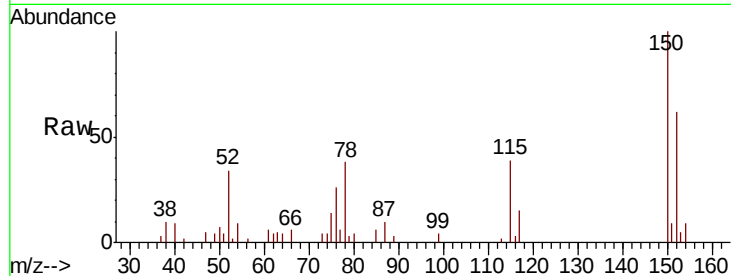


#1

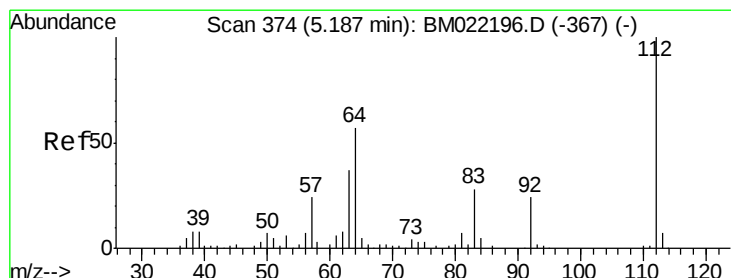
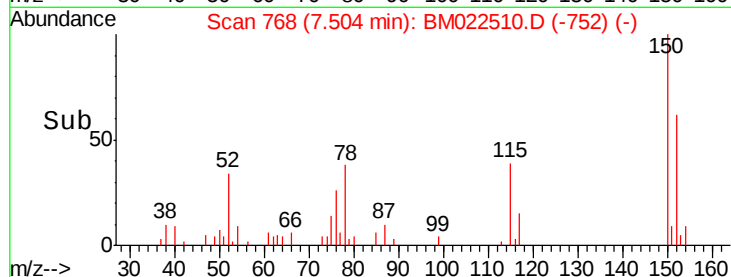
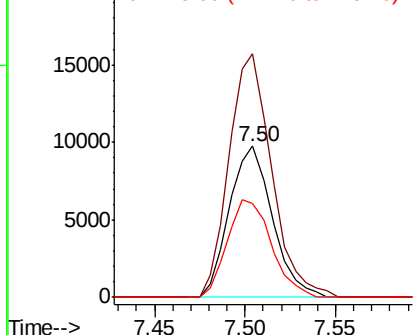
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.50 min Scan# 768  
Delta R.T. -0.01 min  
Lab File: BM022510.D  
Acq: 03 Sep 2019 19:33

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 16184  
Ion Ratio Lower Upper  
152 100  
150 160.9 125.4 188.0  
115 62.3 50.3 75.5



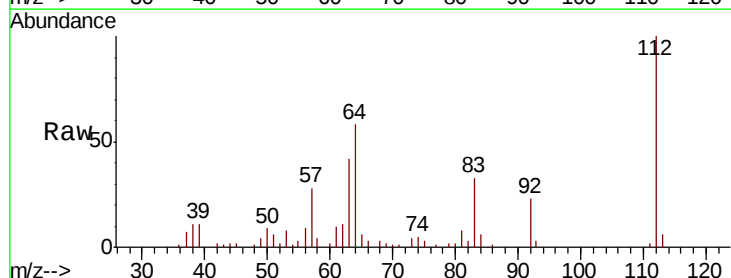
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



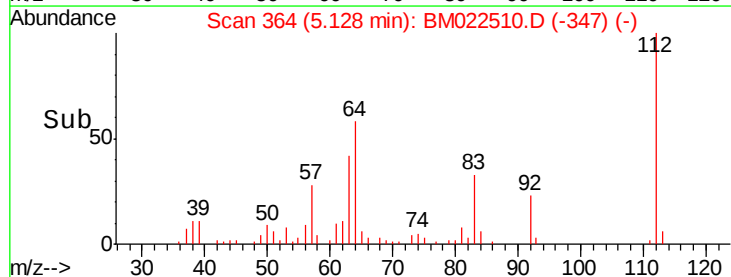
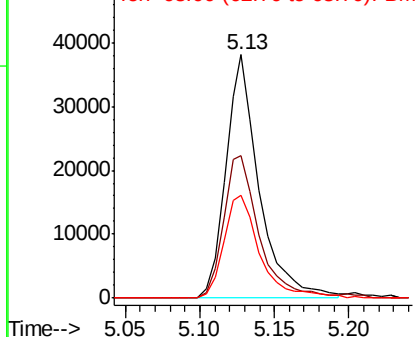
#5

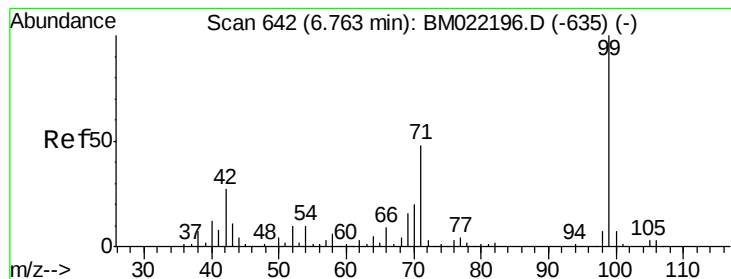
2-Fluorophenol  
Concen: 64.263 ng  
RT: 5.13 min Scan# 364  
Delta R.T. -0.00 min  
Lab File: BM022510.D  
Acq: 03 Sep 2019 19:33

Tgt Ion:112 Resp: 59250  
Ion Ratio Lower Upper  
112 100  
64 58.5 45.4 68.2  
63 42.1 34.5 51.7



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: 36.421 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022510.D

Acq: 03 Sep 2019 19:33

Instrument :

BNA\_M

ClientSampled :

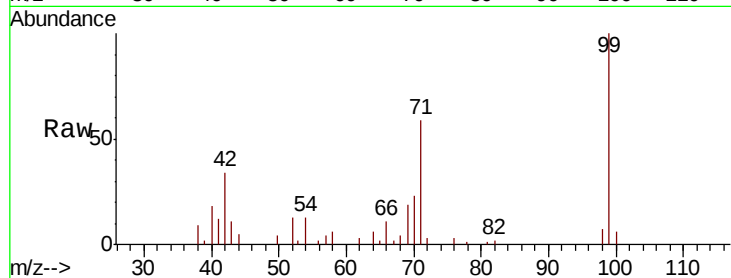
Tot Ion: 99 Resp: 44905

Ion Ratio Lower Upper

99 100

42 33.9 26.3 39.5

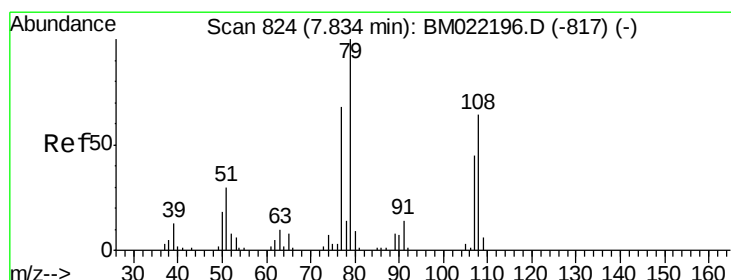
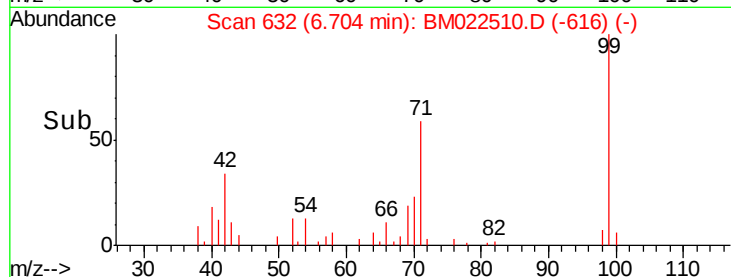
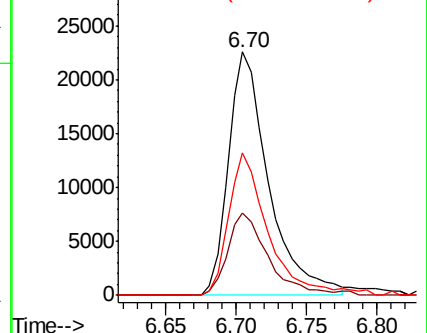
71 58.7 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#15

Benzyl Alcohol

Concen: 2.149 ng

RT: 7.81 min Scan# 820

Delta R.T. 0.03 min

Lab File: BM022510.D

Acq: 03 Sep 2019 19:33

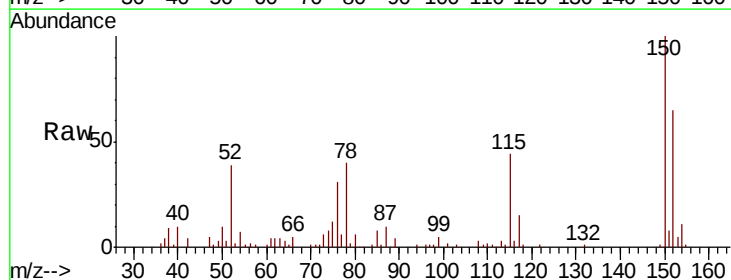
Tgt Ion: 79 Resp: 2514

Ion Ratio Lower Upper

79 100

108 102.5 48.2 72.4#

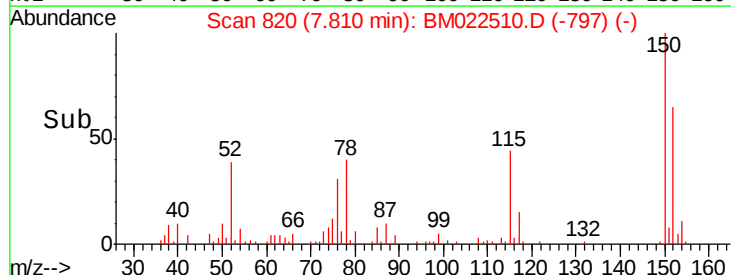
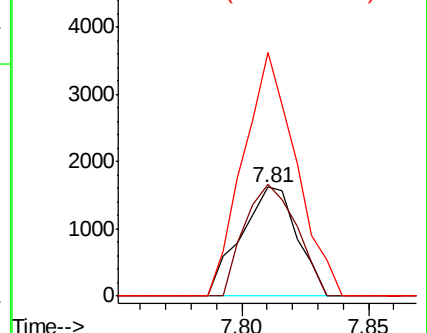
77 223.4 56.6 85.0#

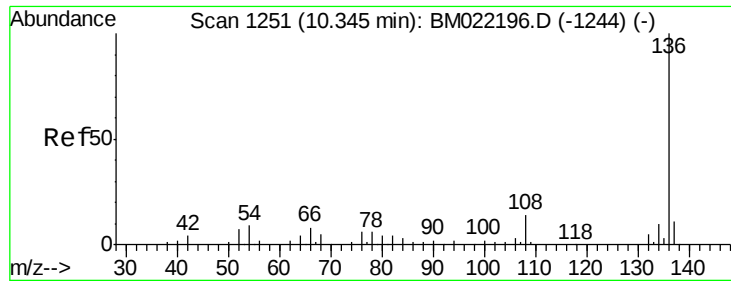


Abundance Ion 79.00 (78.70 to 79.70): BM022196.D (-817) (-)

Ion 108.00 (107.70 to 108.70): BM022196.D (-817) (-)

Ion 77.00 (76.70 to 77.70): BM022196.D (-817) (-)

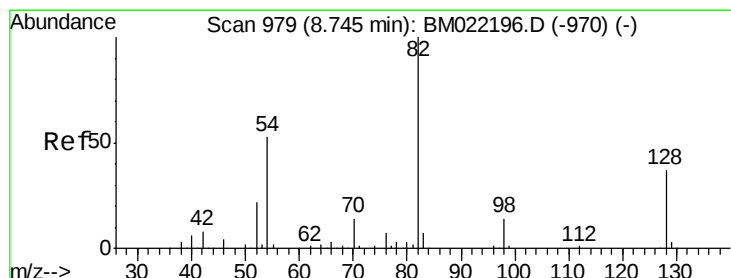
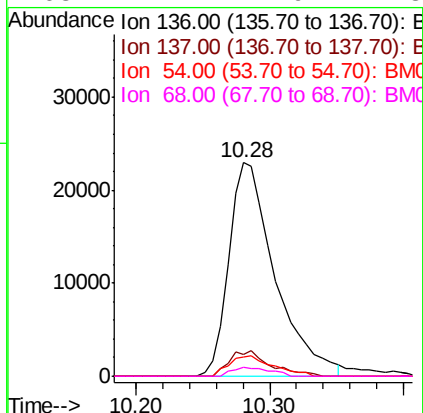
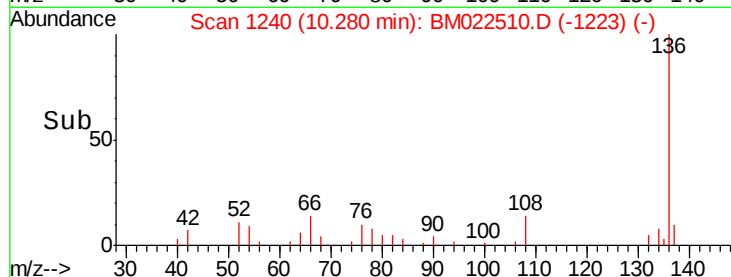
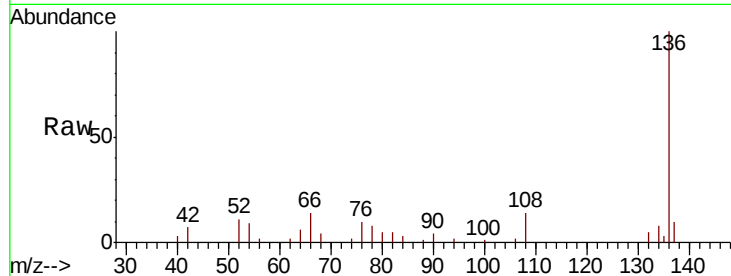




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.28 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: BM022510.D  
Acq: 03 Sep 2019 19:33

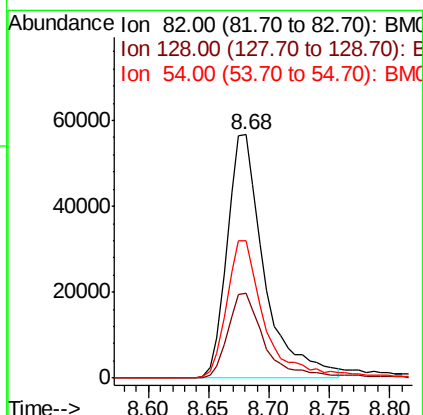
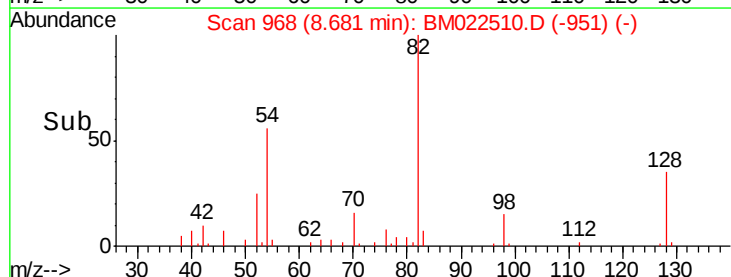
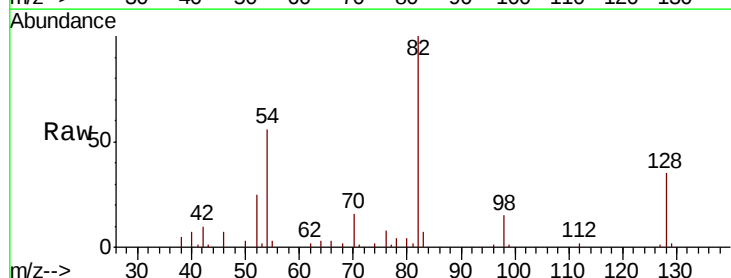
Instrument :  
BNA\_M  
ClientSampleId :

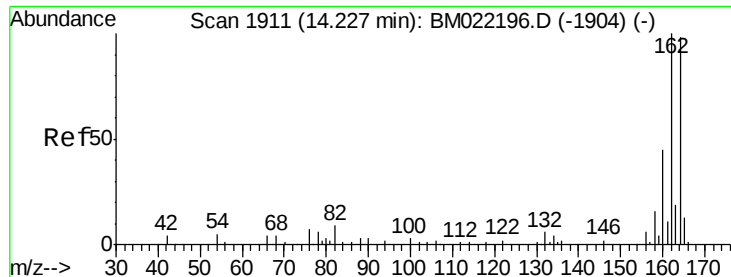
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 55123       |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 9.9   | 8.6 13.0    |
| 54          | 9.1   | 7.0 10.6    |
| 68          | 4.4   | 2.9 4.3#    |



#23  
Nitrobenzene-d5  
Concen: 96.451 ng  
RT: 8.68 min Scan# 968  
Delta R.T. -0.00 min  
Lab File: BM022510.D  
Acq: 03 Sep 2019 19:33

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 121384      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 34.8  | 27.9 41.9   |
| 54          | 56.3  | 45.2 67.8   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BM022510.D

Acq: 03 Sep 2019 19:33

Instrument :

BNA\_M

ClientSampled :

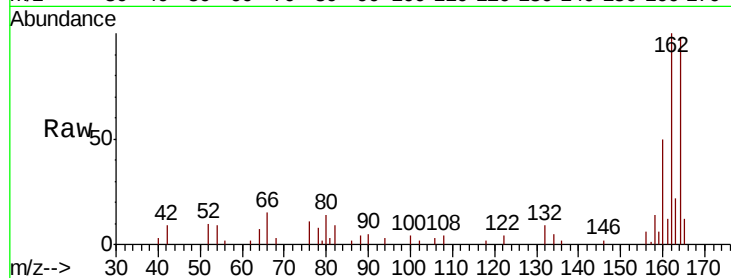
Tot Ion:164 Resp: 33507

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

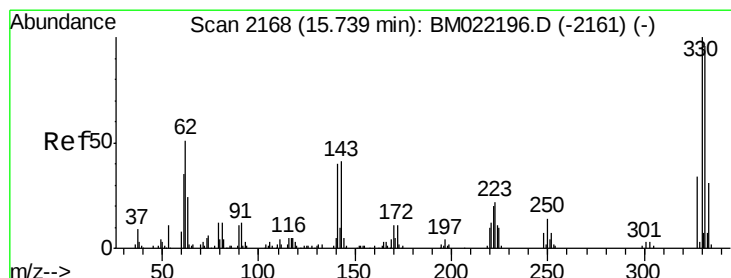
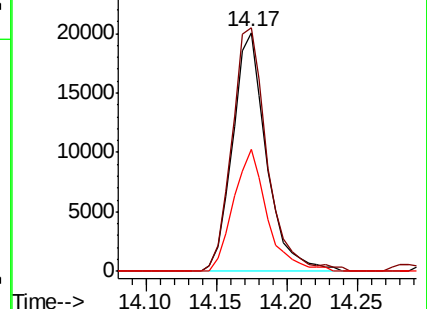
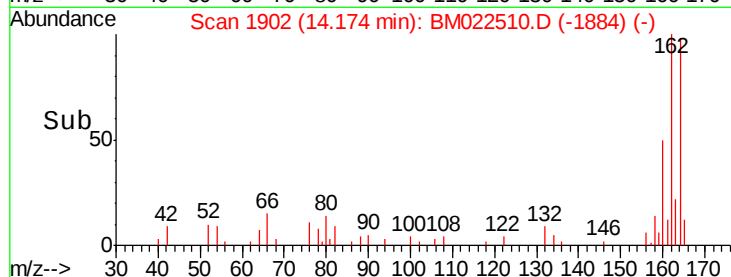
160 51.2 37.3 55.9



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: 121.612 ng

RT: 15.68 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM022510.D

Acq: 03 Sep 2019 19:33

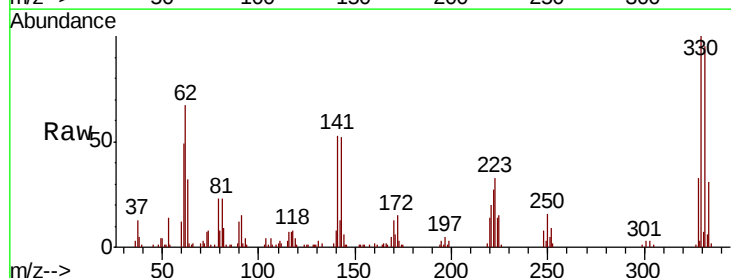
Tgt Ion:330 Resp: 83383

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.8

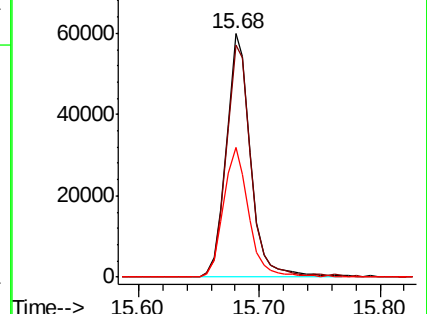
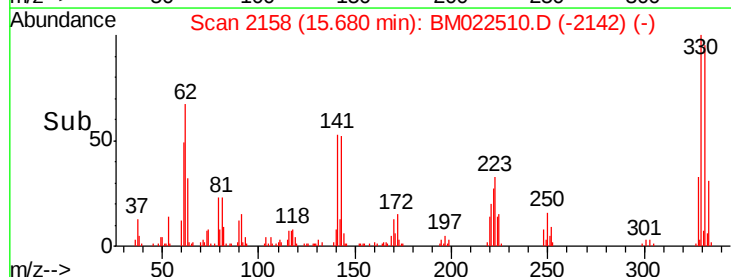
141 55.1 35.6 53.4#

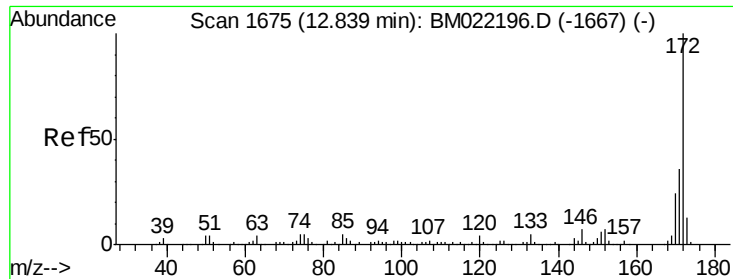


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

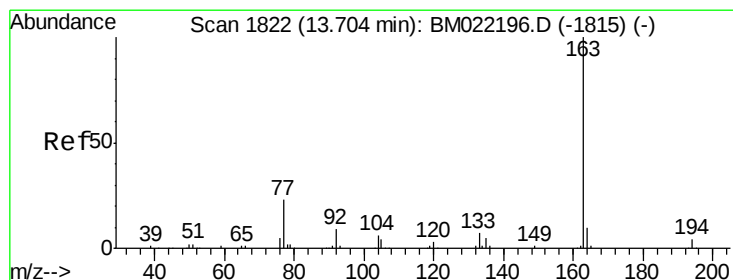
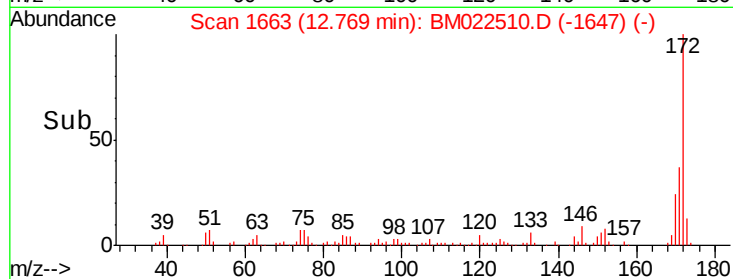
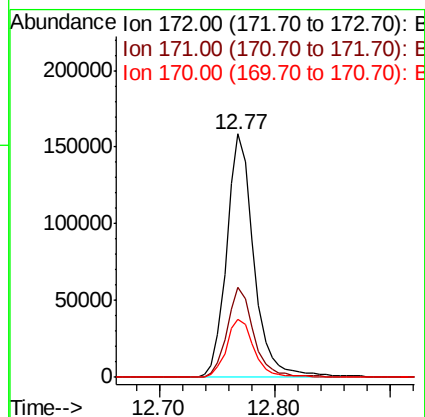
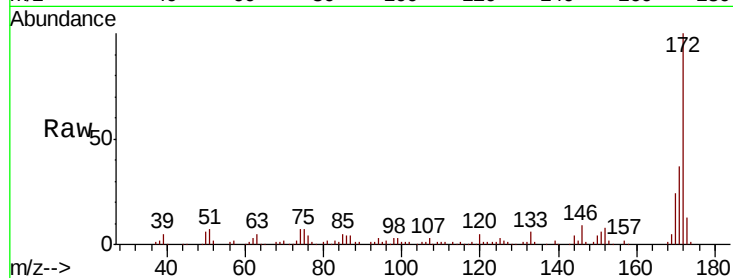




#45  
2-Fluorobiphenyl  
Concen: 87.690 ng  
RT: 12.77 min Scan# 1663  
Delta R.T. -0.01 min  
Lab File: BM022510.D  
Acq: 03 Sep 2019 19:33

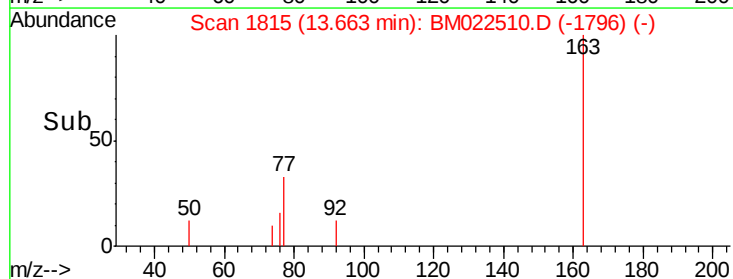
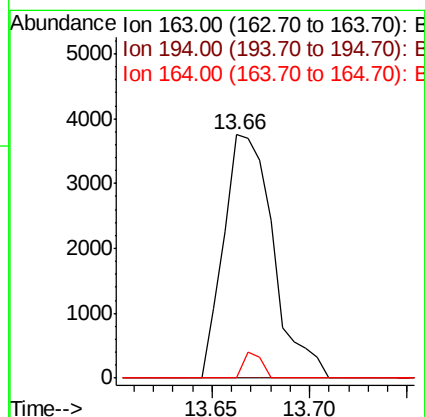
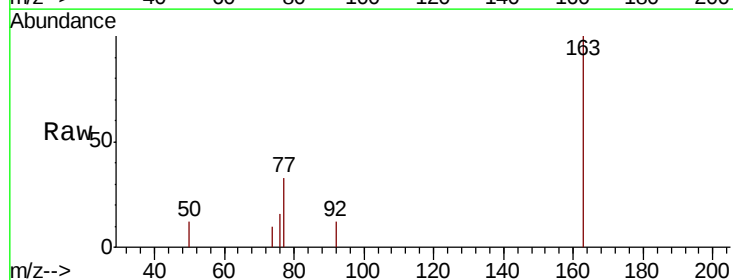
Instrument :  
BNA\_M  
ClientSampleId :

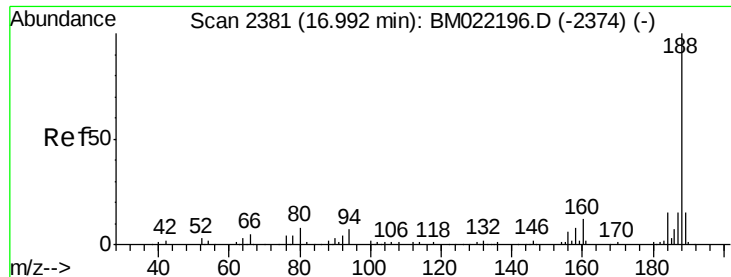
Tot Ion:172 Resp: 259367  
Ion Ratio Lower Upper  
172 100  
171 36.9 28.5 42.7  
170 23.8 18.9 28.3



#50  
Dimethylphthalate  
Concen: 2.261 ng  
RT: 13.66 min Scan# 1815  
Delta R.T. 0.01 min  
Lab File: BM022510.D  
Acq: 03 Sep 2019 19:33

Tgt Ion:163 Resp: 6588  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.4 5.2#  
164 0.0 8.2 12.2#

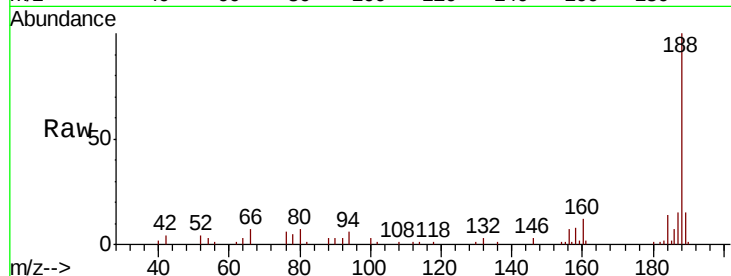




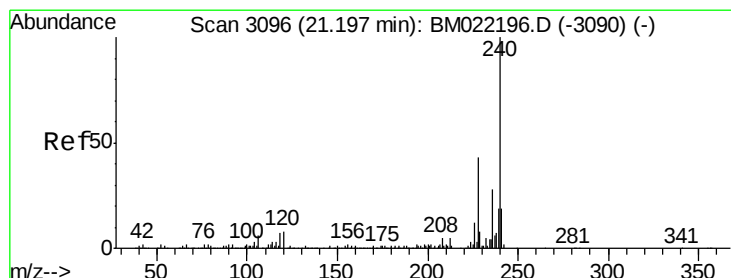
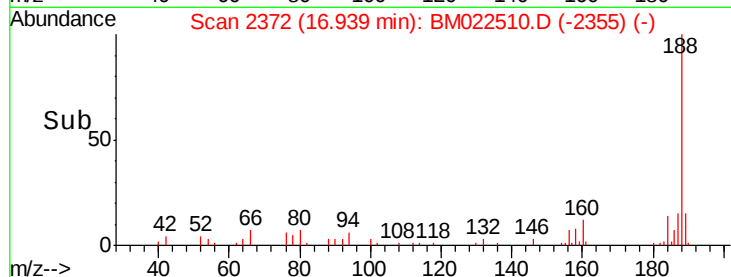
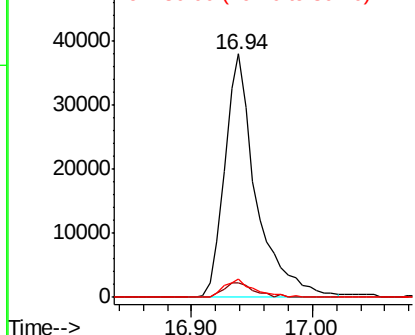
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.94 min Scan# 2372  
Delta R.T. -0.00 min  
Lab File: BM022510.D  
Acq: 03 Sep 2019 19:33

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:188 Resp: 68711  
Ion Ratio Lower Upper  
188 100  
94 5.9 4.4 6.6  
80 7.4 5.0 7.6

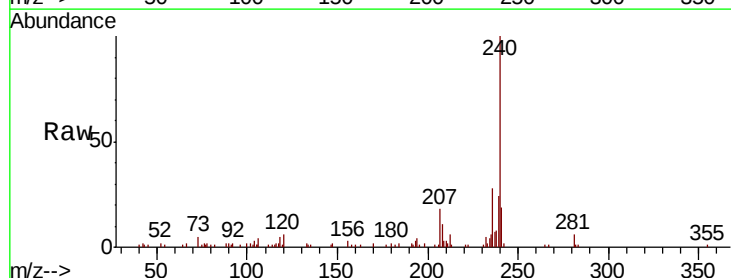


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM  
Ion 80.00 (79.70 to 80.70): BM

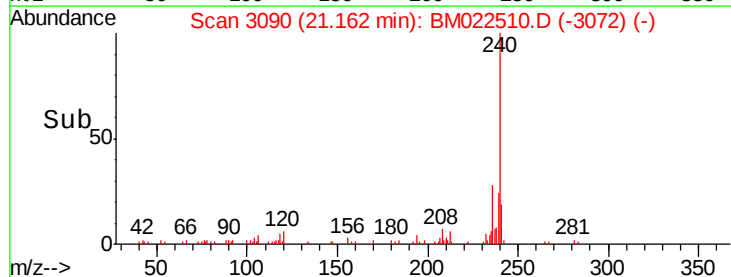
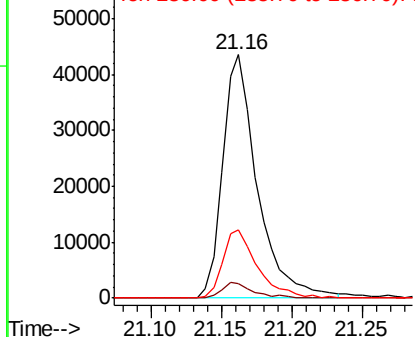


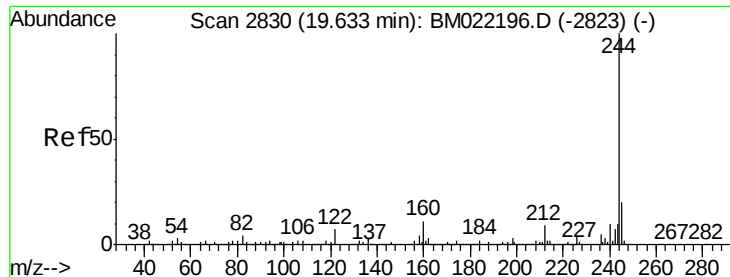
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.16 min Scan# 3090  
Delta R.T. 0.01 min  
Lab File: BM022510.D  
Acq: 03 Sep 2019 19:33

Tgt Ion:240 Resp: 74230  
Ion Ratio Lower Upper  
240 100  
120 5.8 3.9 5.9  
236 28.3 21.4 32.2



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

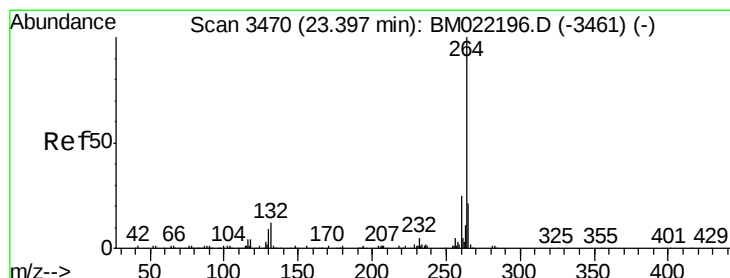
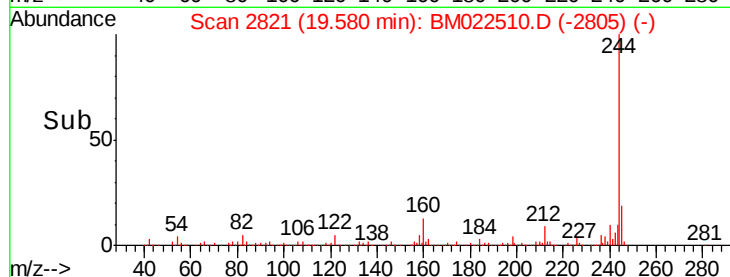
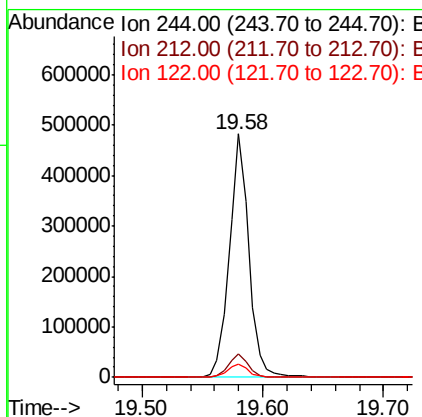
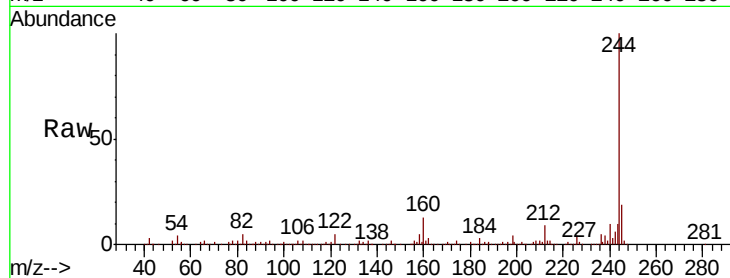




#79  
 Terphenyl-d14  
 Concen: 96.049 ng  
 RT: 19.58 min Scan# 2821  
 Delta R.T. -0.01 min  
 Lab File: BM022510.D  
 Acq: 03 Sep 2019 19:33

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 244   | Resp: | 540230 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 9.4   | 7.0   | 10.4   |
| 122      | 5.3   | 3.9   | 5.9    |



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.34 min Scan# 3461  
 Delta R.T. -0.00 min  
 Lab File: BM022510.D  
 Acq: 03 Sep 2019 19:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 92212 |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 23.7  | 20.2  | 30.2  |
| 265      | 20.6  | 18.2  | 27.2  |

