

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\  
 Data File : BM019222.D  
 Acq On : 18 Mar 2019 19:04  
 Operator : JU/SJ  
 Sample : K1935-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(10-11)

Quant Time: Mar 19 07:22:24 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

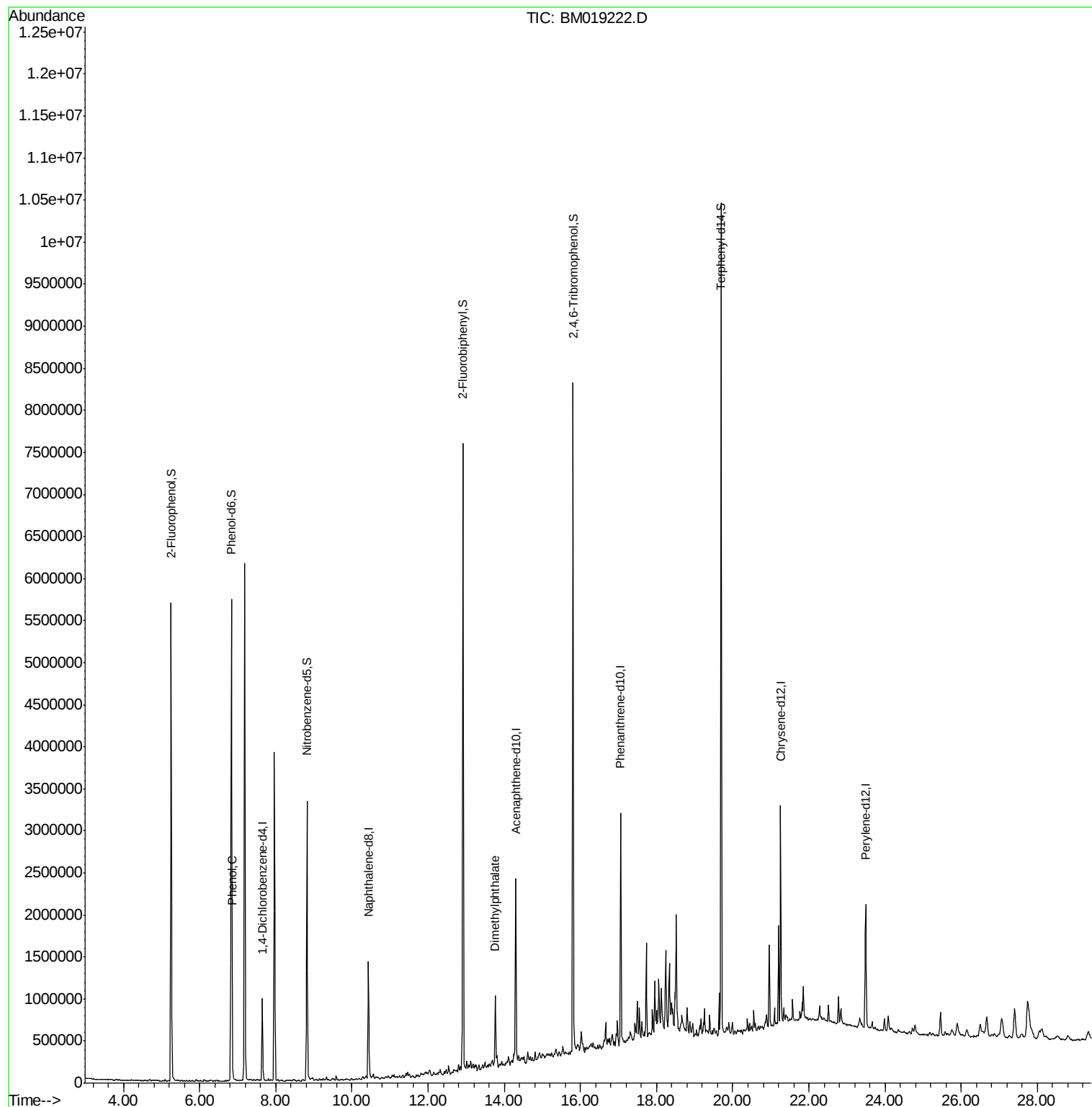
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 256078   | 20.00  | ng    | -0.02       |
| 21) Naphthalene-d8          | 10.43 | 136  | 1130347  | 20.00  | ng    | -0.02       |
| 39) Acenaphthene-d10        | 14.30 | 164  | 697342   | 20.00  | ng    | -0.02       |
| 64) Phenanthrene-d10        | 17.06 | 188  | 1475460  | 20.00  | ng    | -0.02       |
| 76) Chrysene-d12            | 21.26 | 240  | 1126263  | 20.00  | ng    | -0.02       |
| 87) Perylene-d12            | 23.49 | 264  | 1060288  | 20.00  | ng    | -0.02       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.25  | 112  | 2301513  | 145.55 | ng    | 0.00        |
| 7) Phenol-d6                | 6.83  | 99   | 3447676  | 149.06 | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 8.82  | 82   | 2159953  | 90.33  | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 15.80 | 330  | 1476809  | 143.44 | ng    | -0.02       |
| 45) 2-Fluorobiphenyl        | 12.92 | 172  | 3675326  | 68.56  | ng    | -0.02       |
| 79) Terphenyl-d14           | 19.70 | 244  | 4278070  | 75.41  | ng    | -0.01       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.86  | 94   | 52407    | 2.102  | ng    | Qvalue # 73 |
| 50) Dimethylphthalate       | 13.77 | 163  | 391713   | 6.566  | ng    | 99          |

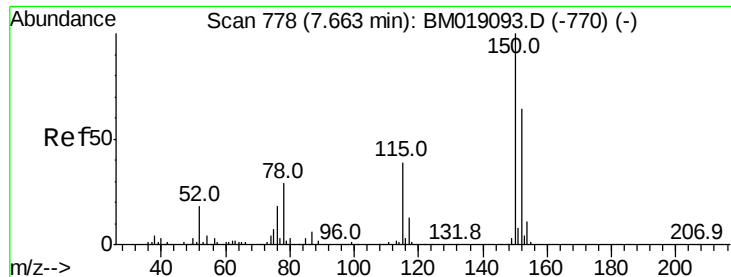
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\  
Data File : BM019222.D  
Acq On : 18 Mar 2019 19:04  
Operator : JU/SJ  
Sample : K1935-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(10-11)

Quant Time: Mar 19 07:22:24 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



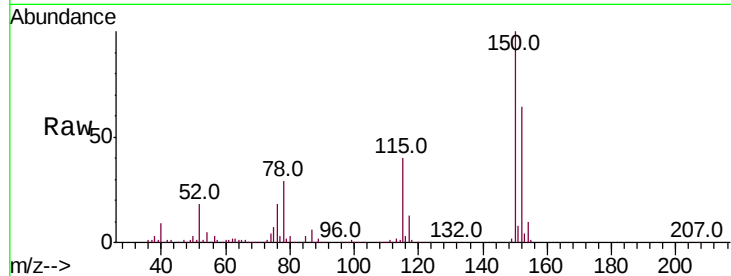


#1

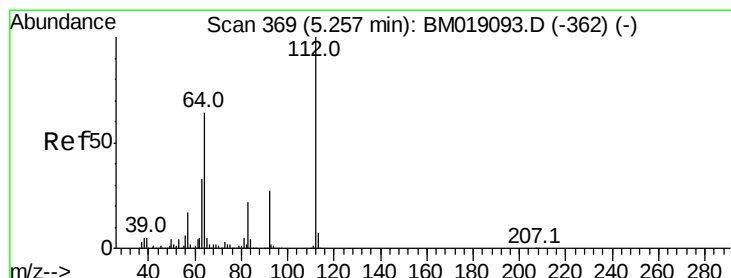
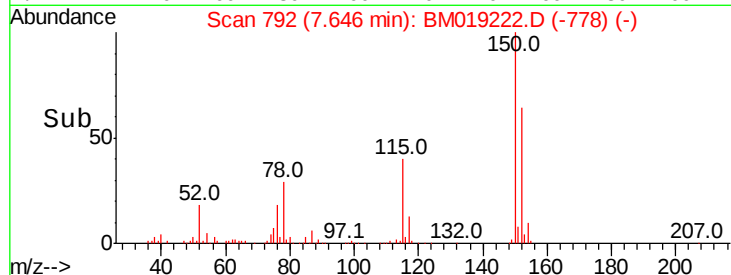
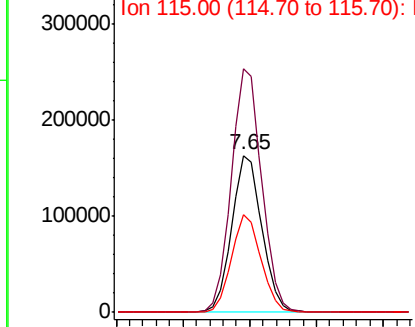
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.65 min Scan# 792  
Delta R.T. -0.02 min  
Lab File: BM019222.D  
Acq: 18 Mar 2019 19:04

Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(10-11)

Tot Ion:152 Resp: 256078  
Ion Ratio Lower Upper  
152 100  
150 155.5 125.3 187.9  
115 62.2 49.4 74.0



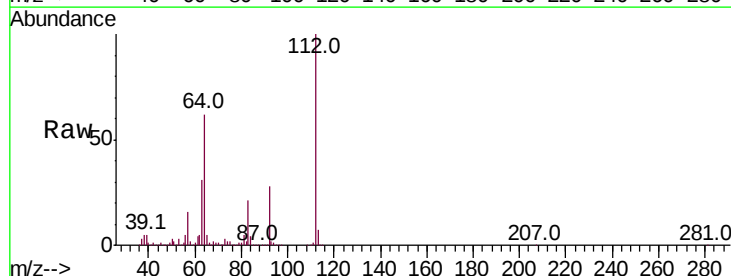
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



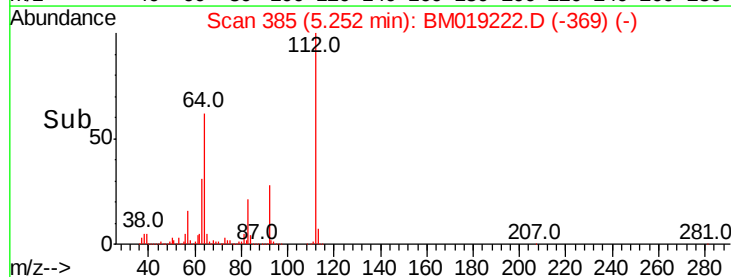
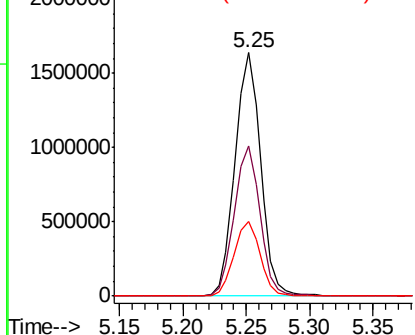
#5

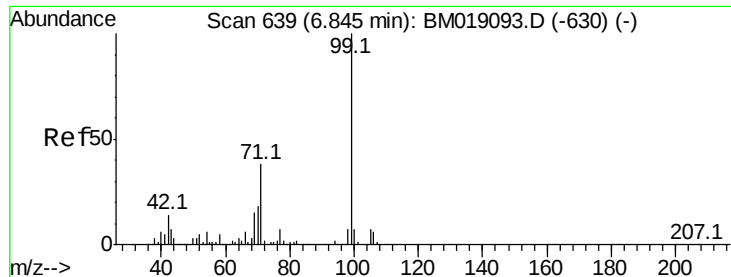
2-Fluorophenol  
Concen: 145.551 ng  
RT: 5.25 min Scan# 385  
Delta R.T. -0.01 min  
Lab File: BM019222.D  
Acq: 18 Mar 2019 19:04

Tgt Ion:112 Resp: 2301513  
Ion Ratio Lower Upper  
112 100  
64 61.6 51.4 77.0  
63 30.8 26.6 40.0



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: 149.064 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019222.D

Acq: 18 Mar 2019 19:04

Instrument :

BNA\_M

ClientSampled :

SB-2(10-11)

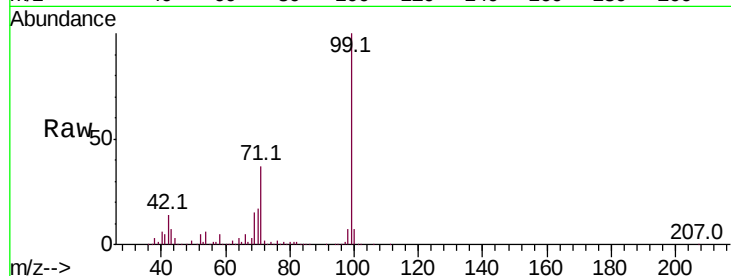
Tot Ion: 99 Resp: 3447676

Ion Ratio Lower Upper

99 100

42 13.7 10.9 16.3

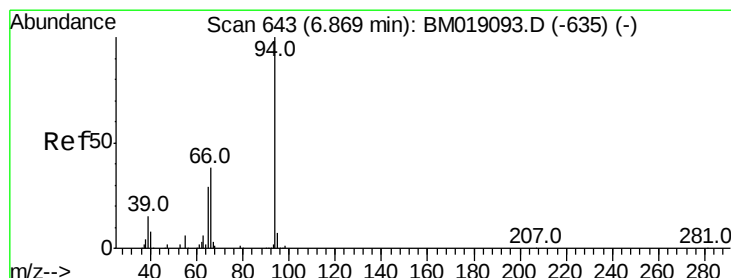
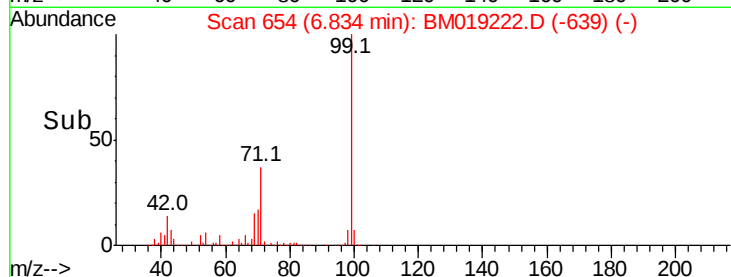
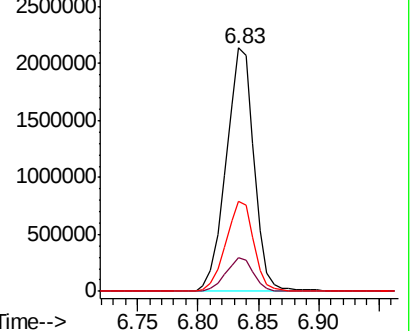
71 37.1 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#10

Phenol

Concen: 2.102 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM019222.D

Acq: 18 Mar 2019 19:04

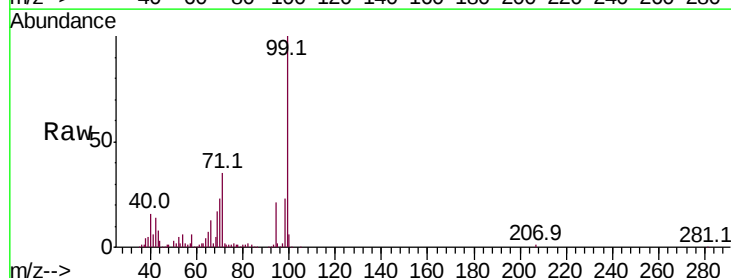
Tgt Ion: 94 Resp: 52407

Ion Ratio Lower Upper

94 100

65 35.7 9.7 49.7

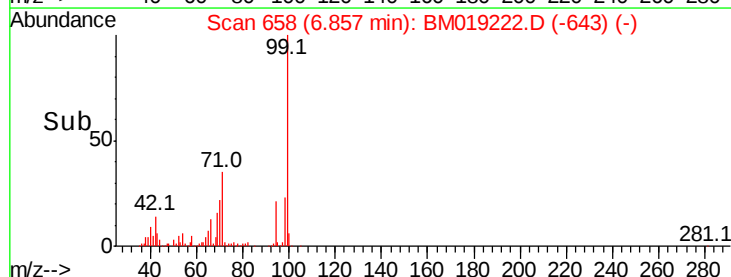
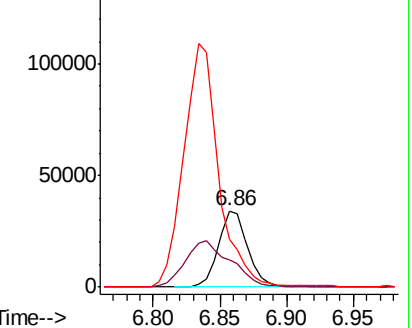
66 63.1 19.2 59.2#

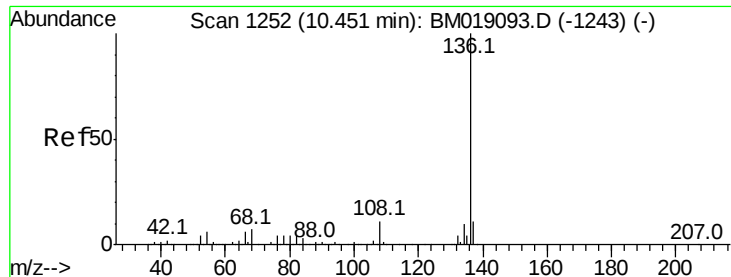


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

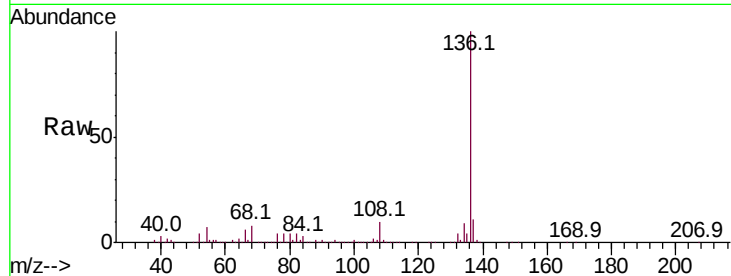




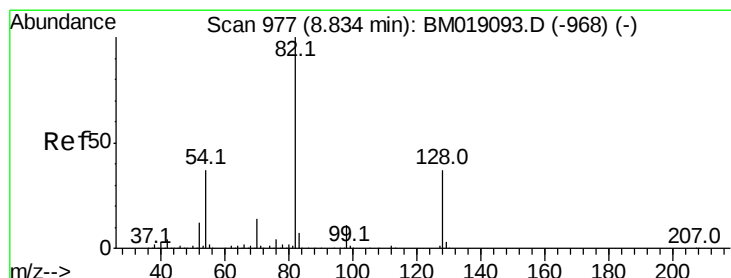
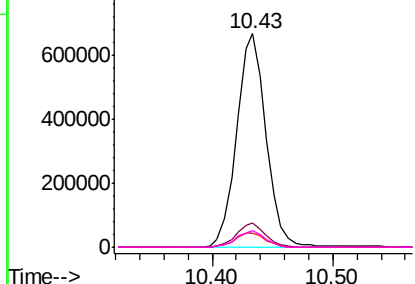
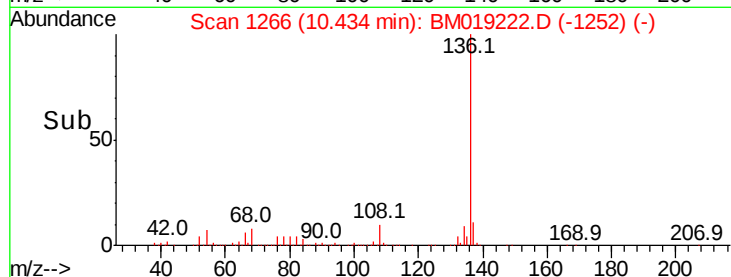
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.43 min Scan# 1266  
Delta R.T. -0.02 min  
Lab File: BM019222.D  
Acq: 18 Mar 2019 19:04

Instrument :  
BNA\_M  
ClientSampled :  
SB-2(10-11)

Tot Ion:136 Resp: 1130347  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 6.9 5.2 7.8  
68 7.7 5.8 8.8

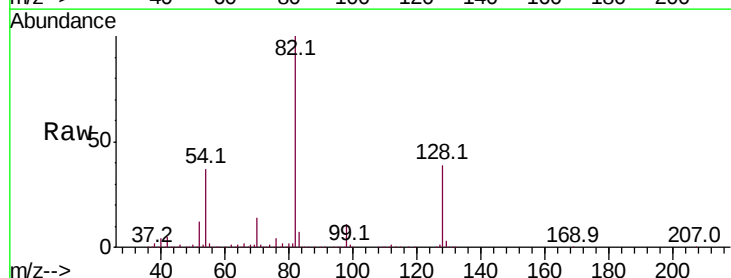


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

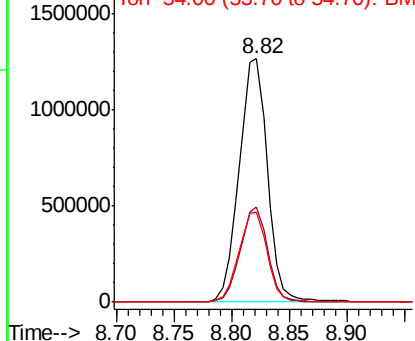
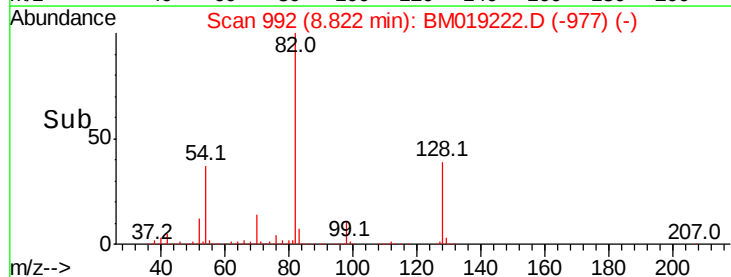


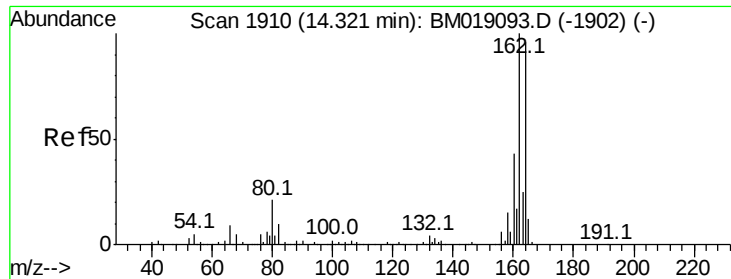
#23  
Nitrobenzene-d5  
Concen: 90.327 ng  
RT: 8.82 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BM019222.D  
Acq: 18 Mar 2019 19:04

Tgt Ion: 82 Resp: 2159953  
Ion Ratio Lower Upper  
82 100  
128 38.9 29.4 44.2  
54 37.1 29.9 44.9



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

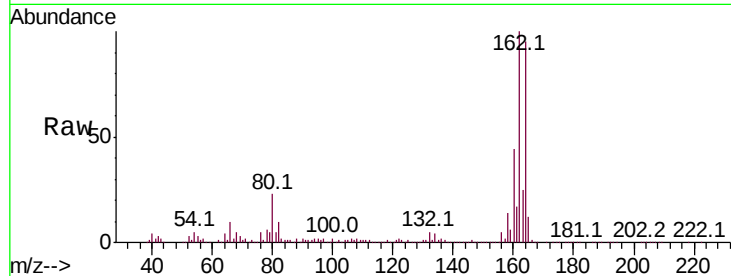




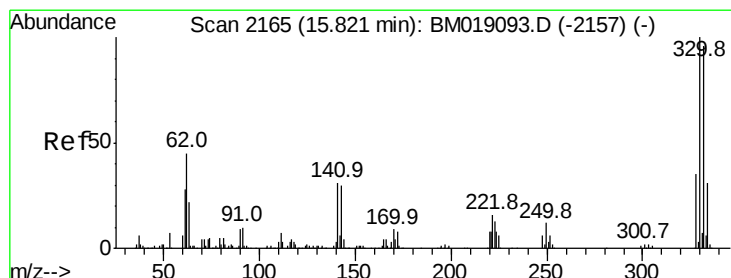
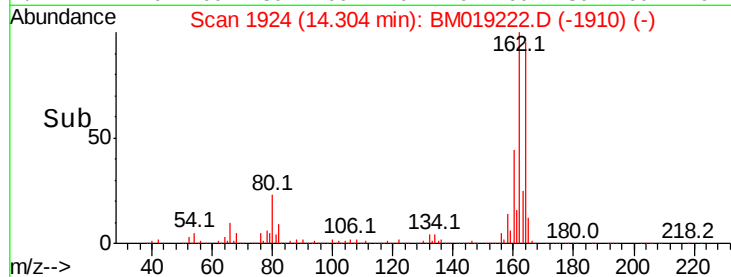
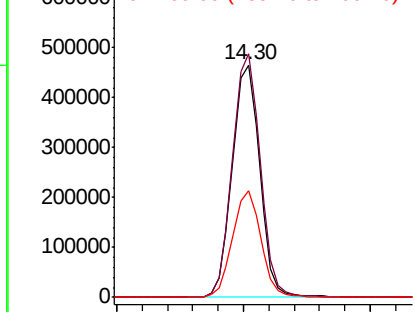
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.30 min Scan# 1924  
 Delta R.T. -0.02 min  
 Lab File: BM019222.D  
 Acq: 18 Mar 2019 19:04

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(10-11)

Tot Ion:164 Resp: 697342  
 Ion Ratio Lower Upper  
 164 100  
 162 104.8 83.5 125.3  
 160 45.8 36.3 54.5

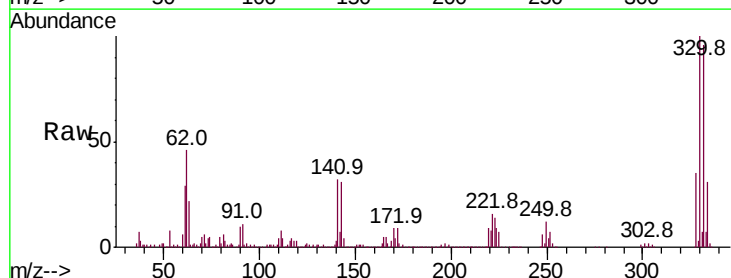


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

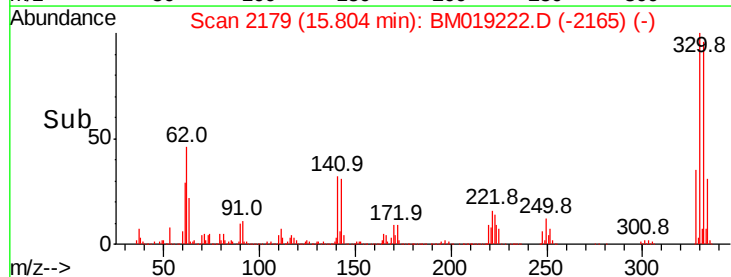
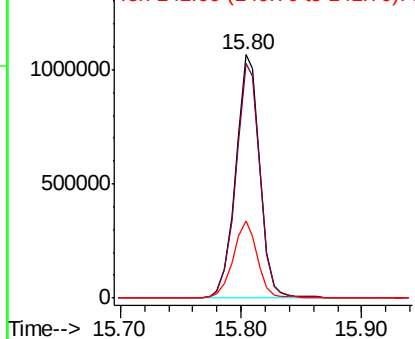


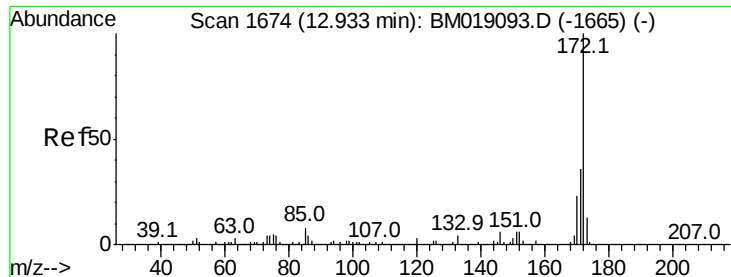
#42  
 2,4,6-Tribromophenol  
 Concen: 143.435 ng  
 RT: 15.80 min Scan# 2179  
 Delta R.T. -0.02 min  
 Lab File: BM019222.D  
 Acq: 18 Mar 2019 19:04

Tgt Ion:330 Resp: 1476809  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 76.8 115.2  
 141 31.6 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



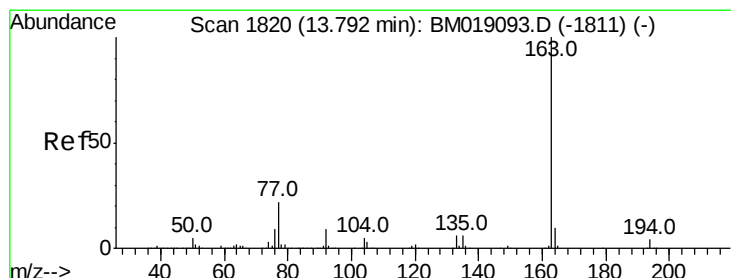
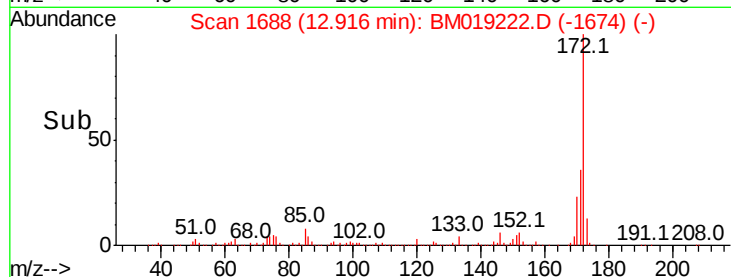
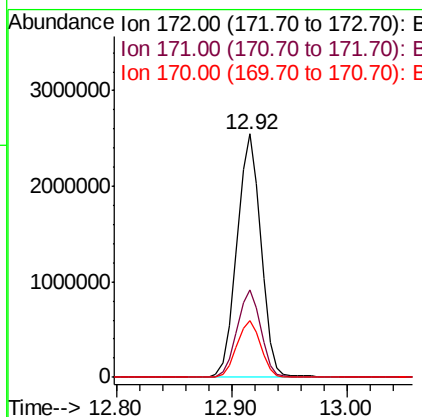
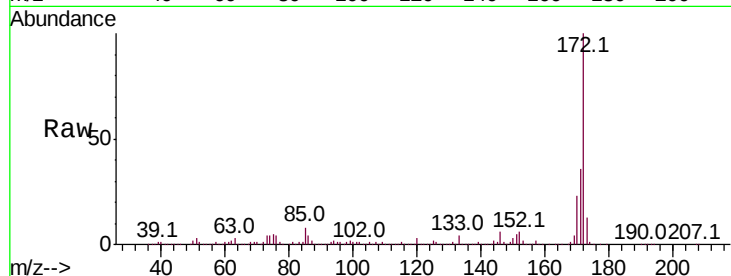


#45  
2-Fluorobiphenyl  
Concen: 68.556 ng  
RT: 12.92 min Scan# 1688  
Delta R.T. -0.02 min  
Lab File: BM019222.D  
Acq: 18 Mar 2019 19:04

Instrument :  
BNA\_M  
ClientSampleId :  
SB-2(10-11)

Tot Ion:172 Resp: 3675326

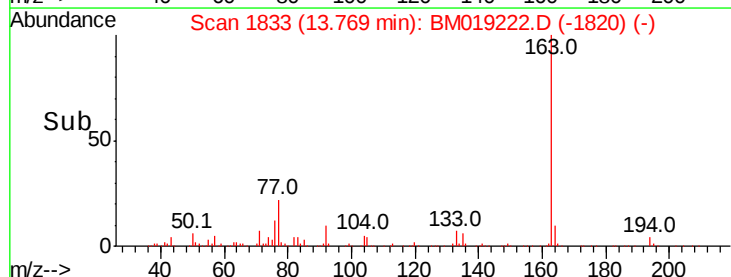
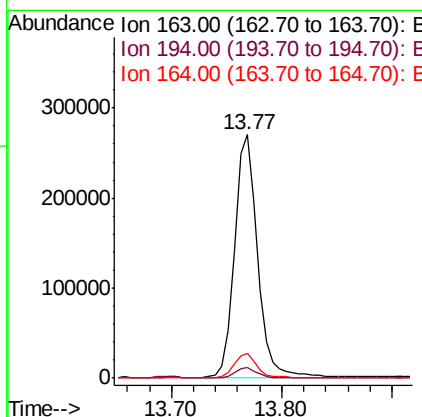
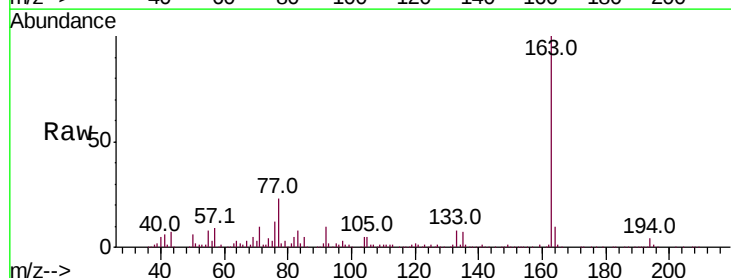
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.8  | 28.6  | 42.8  |
| 170 | 23.3  | 18.6  | 28.0  |

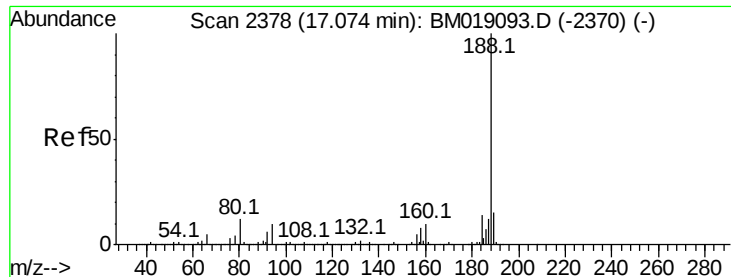


#50  
Dimethylphthalate  
Concen: 6.566 ng  
RT: 13.77 min Scan# 1833  
Delta R.T. -0.02 min  
Lab File: BM019222.D  
Acq: 18 Mar 2019 19:04

Tgt Ion:163 Resp: 391713

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.3   | 4.9   |
| 164 | 10.1  | 7.7   | 11.5  |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BM019222.D

Acq: 18 Mar 2019 19:04

Instrument :

BNA\_M

ClientSampleId :

SB-2(10-11)

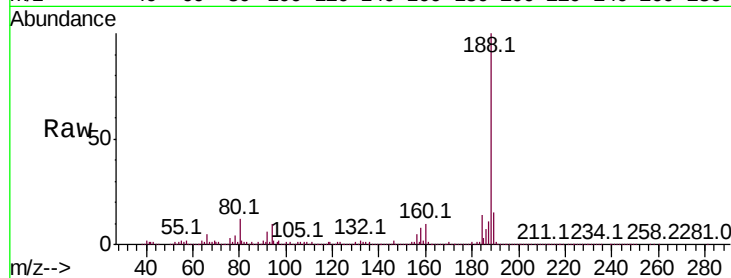
Tot Ion:188 Resp: 1475460

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

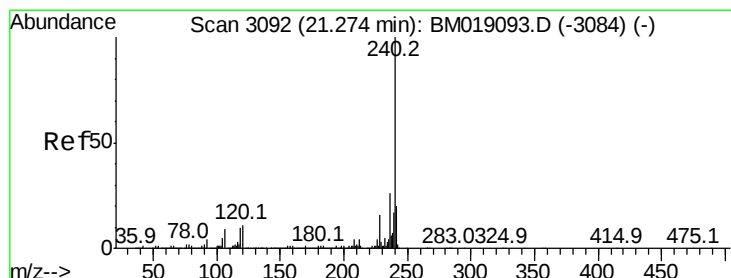
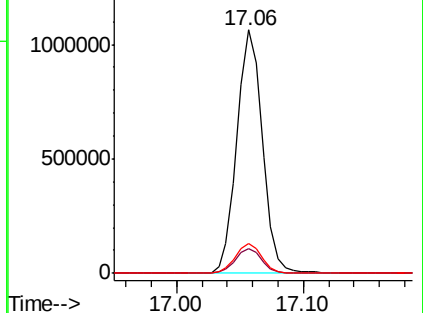
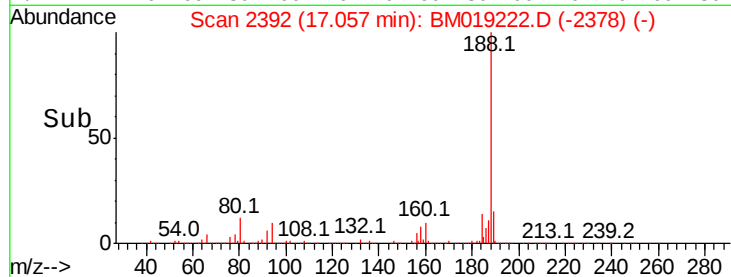
80 12.4 9.7 14.5



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: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM019222.D

Acq: 18 Mar 2019 19:04

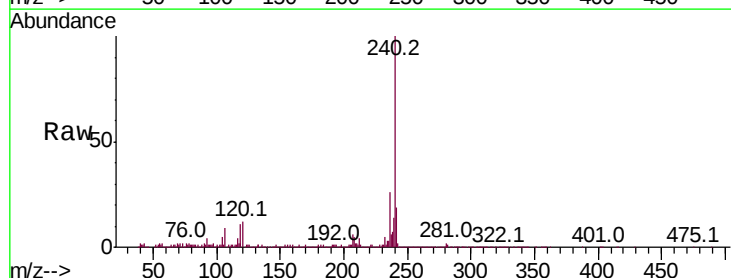
Tgt Ion:240 Resp: 1126263

Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

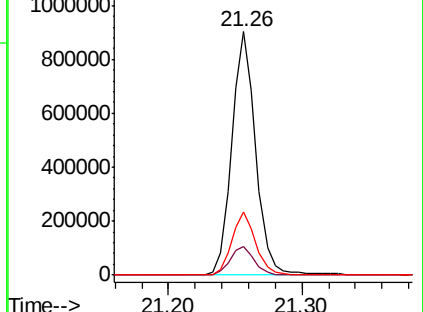
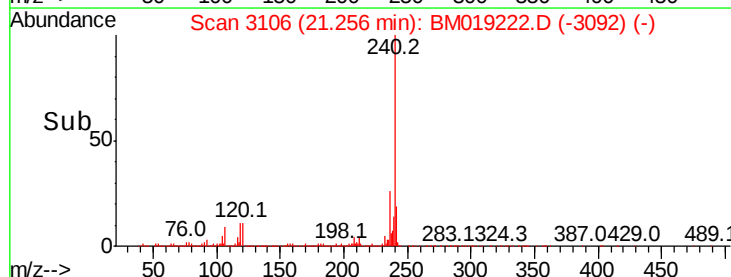
236 25.8 21.0 31.4

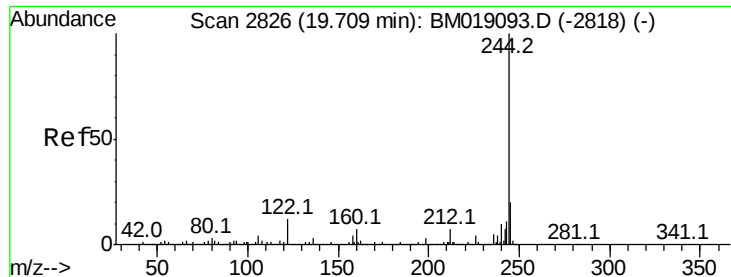


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

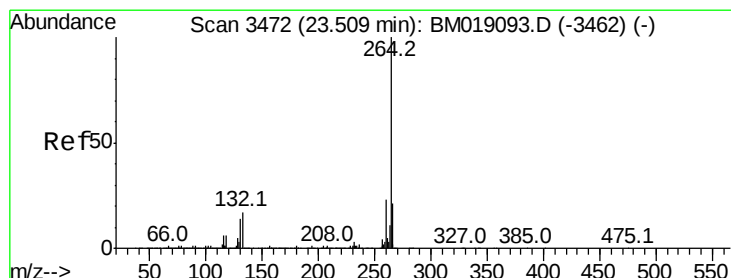
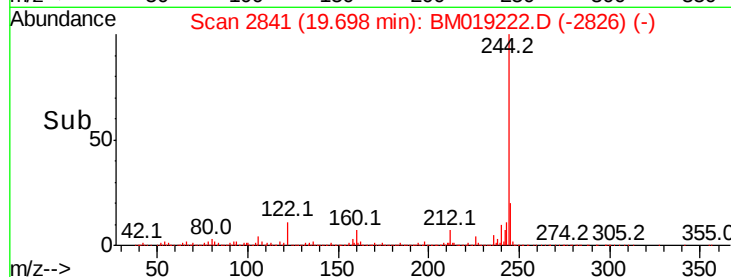
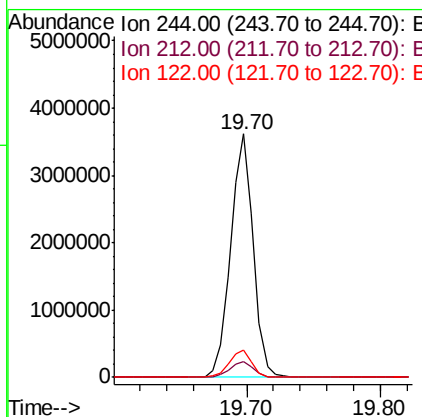
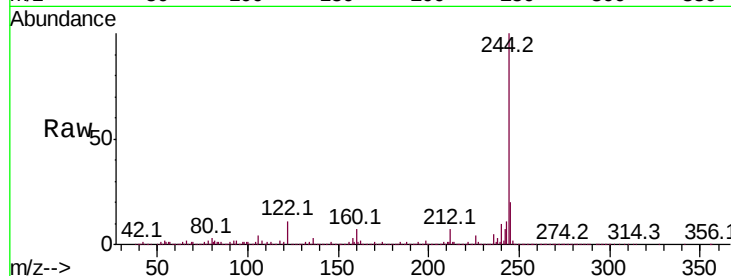




#79  
 Terphenyl-d14  
 Concen: 75.408 ng  
 RT: 19.70 min Scan# 2841  
 Delta R.T. -0.01 min  
 Lab File: BM019222.D  
 Acq: 18 Mar 2019 19:04

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(10-11)

Tot Ion:244 Resp: 4278070  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.4 8.2  
 122 11.0 9.4 14.2



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.49 min Scan# 3486  
 Delta R.T. -0.02 min  
 Lab File: BM019222.D  
 Acq: 18 Mar 2019 19:04

Tgt Ion:264 Resp: 1060288  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.6 28.0  
 265 21.7 17.3 25.9

