

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM031819\  
 Data File : BM019227.D  
 Acq On : 18 Mar 2019 22:05  
 Operator : JU/SJ  
 Sample : K1935-09  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(14-15)

Quant Time: Mar 19 04:15:53 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

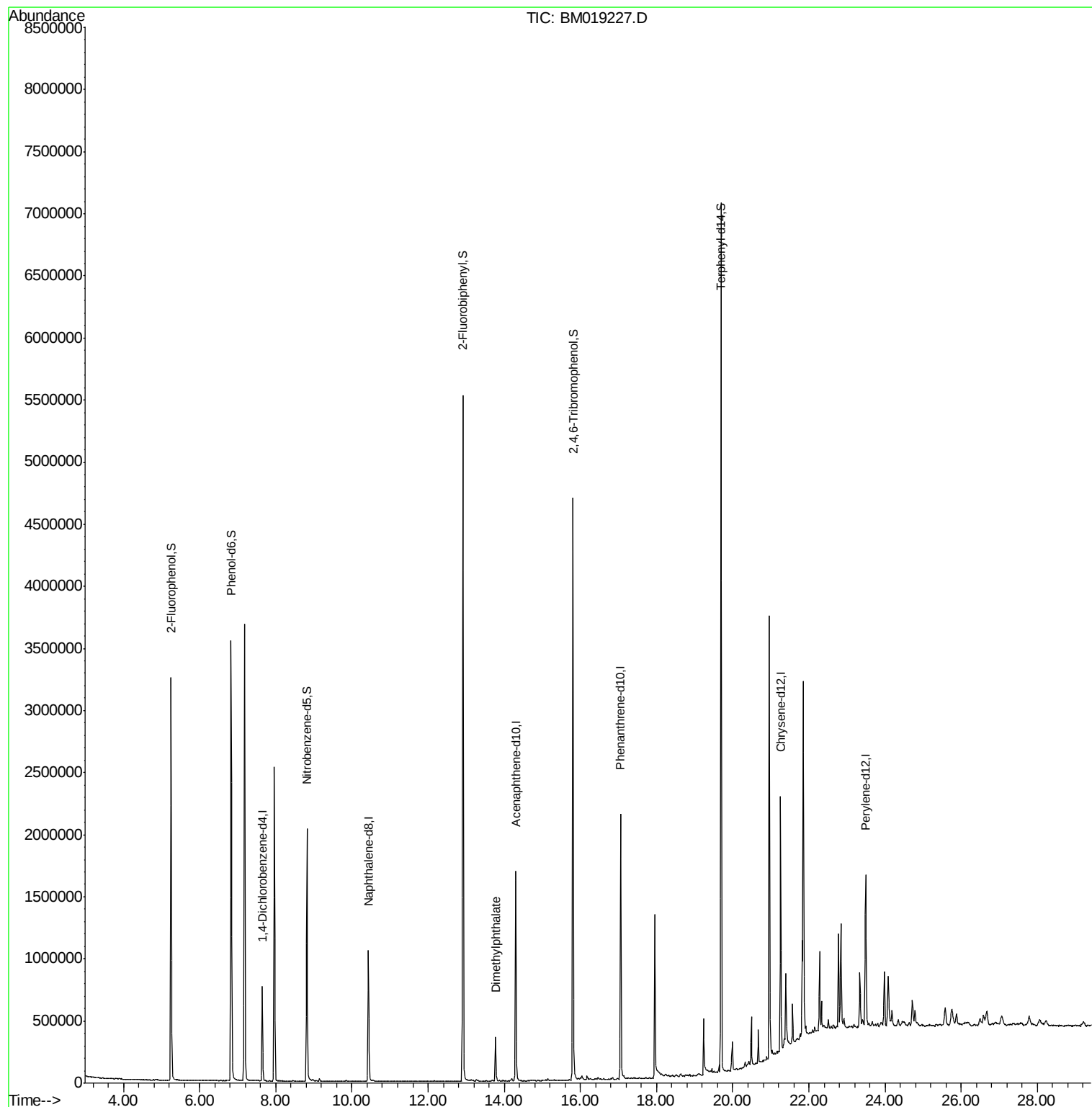
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 199492   | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.43 | 136  | 896584   | 20.00  | ng    | -0.02     |
| 39) Acenaphthene-d10        | 14.30 | 164  | 564702   | 20.00  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 17.06 | 188  | 1188953  | 20.00  | ng    | -0.02     |
| 76) Chrysene-d12            | 21.26 | 240  | 916254   | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 23.49 | 264  | 854828   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.25  | 112  | 1393473  | 113.12 | ng    | 0.00      |
| 7) Phenol-d6                | 6.83  | 99   | 2123599  | 117.86 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 8.82  | 82   | 1336546  | 70.47  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 15.80 | 330  | 907840   | 108.88 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 12.92 | 172  | 2791548  | 64.30  | ng    | -0.02     |
| 79) Terphenyl-d14           | 19.70 | 244  | 3180605  | 68.91  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 13.77 | 163  | 239587   | 4.960  | ng    | Qvalue 99 |

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

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BNA\_M  
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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



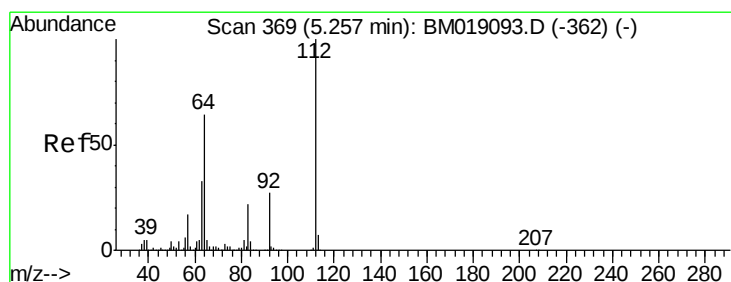
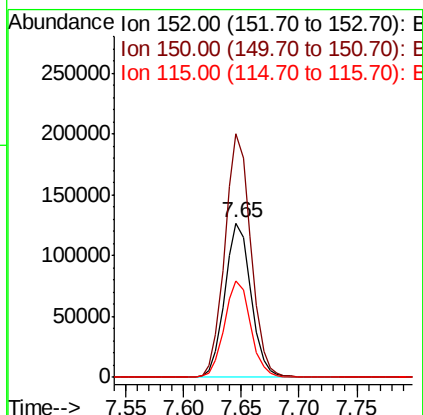
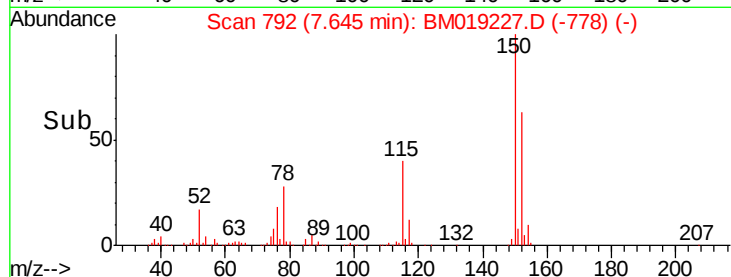
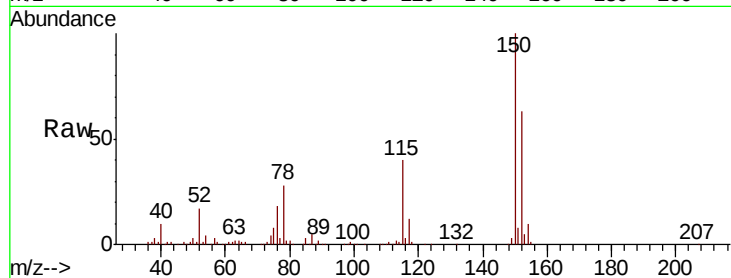


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.65 min Scan# 792  
Delta R.T. -0.02 min  
Lab File: BM019227.D  
Acq: 18 Mar 2019 22:05

Instrument :  
BNA\_M  
ClientSampled :  
SB-2(14-15)

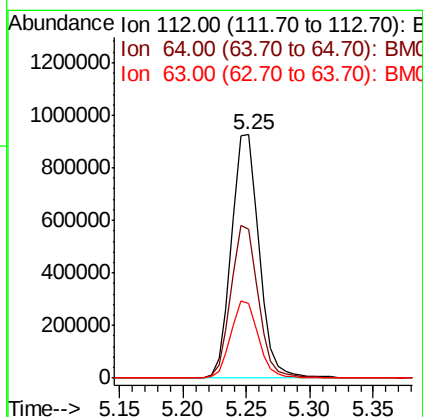
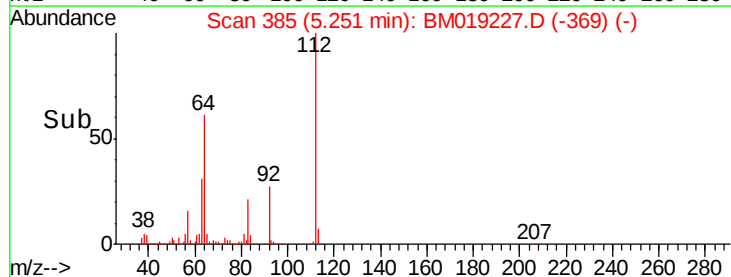
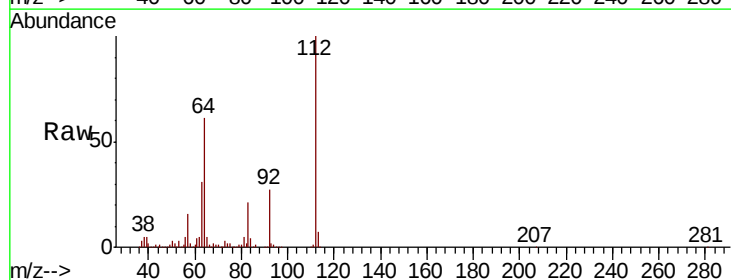
Tgt Ion:152 Resp: 199492  
Ion Ratio Lower Upper  
152 100  
150 157.8 125.3 187.9  
115 62.5 49.4 74.0



#5

2-Fluorophenol  
Concen: 113.122 ng  
RT: 5.25 min Scan# 385  
Delta R.T. -0.01 min  
Lab File: BM019227.D  
Acq: 18 Mar 2019 22:05

Tgt Ion:112 Resp: 1393473  
Ion Ratio Lower Upper  
112 100  
64 61.2 51.4 77.0  
63 30.8 26.6 40.0





#7

Phenol-d6

Concen: 117.860 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.02 min

Lab File: BM019227.D

Acq: 18 Mar 2019 22:05

Instrument :

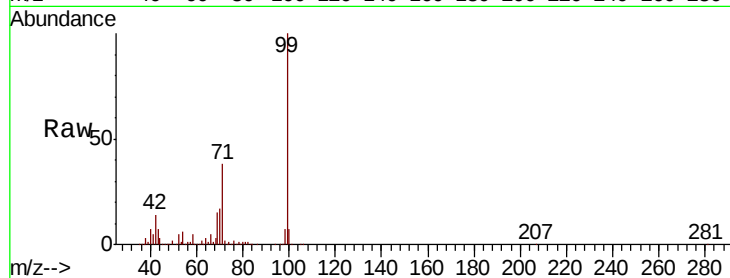
BNA\_M

ClientSampleId :

SB-2(14-15)

Tgt Ion: 99 Resp: 2123599

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.8  | 10.9  | 16.3  |
| 71  | 37.8  | 30.3  | 45.5  |

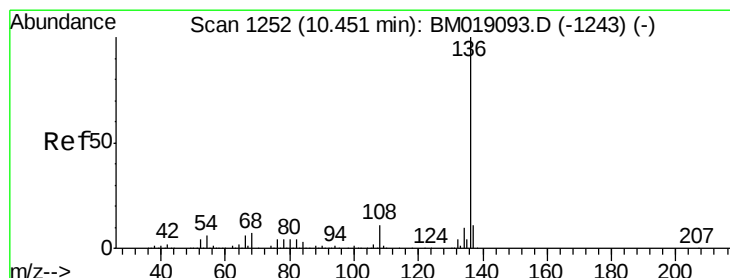
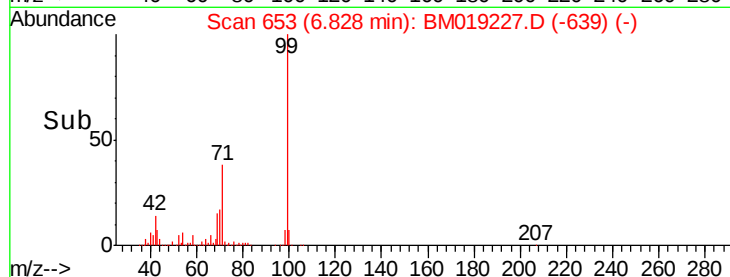
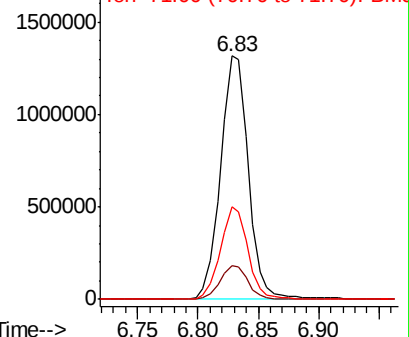


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

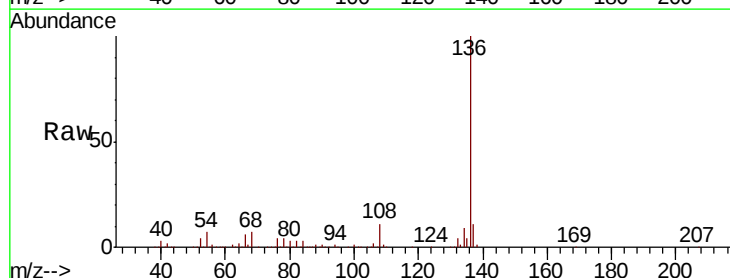
Delta R.T. -0.02 min

Lab File: BM019227.D

Acq: 18 Mar 2019 22:05

Tgt Ion: 136 Resp: 896584

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 6.7   | 5.2   | 7.8   |
| 68  | 7.2   | 5.8   | 8.8   |



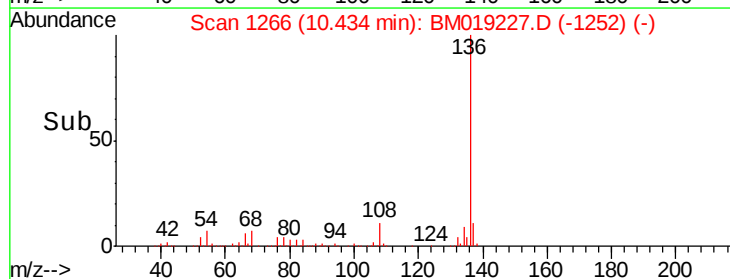
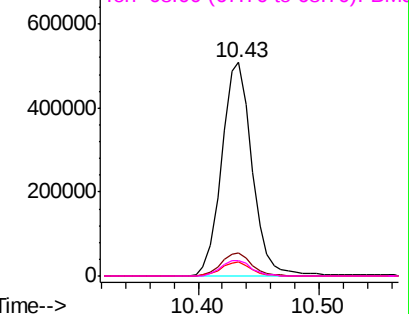
Abundance

Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

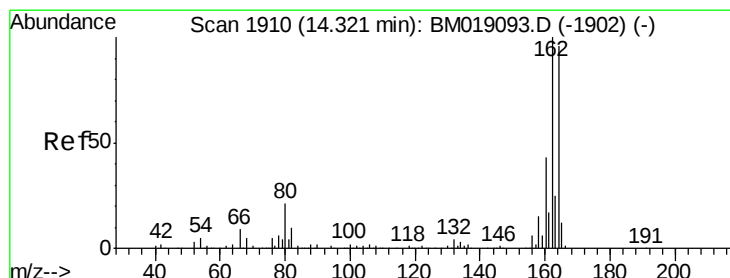
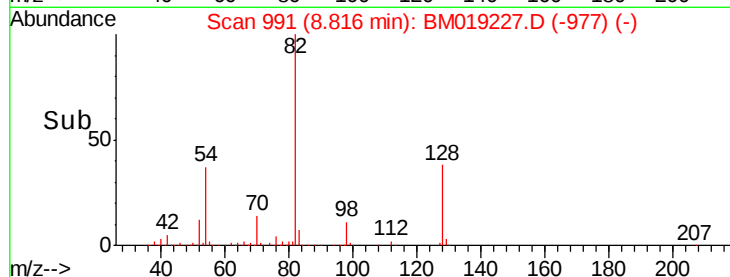
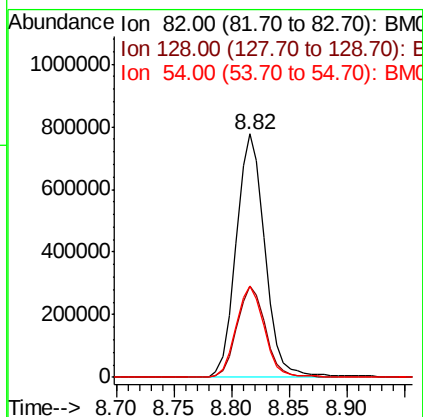
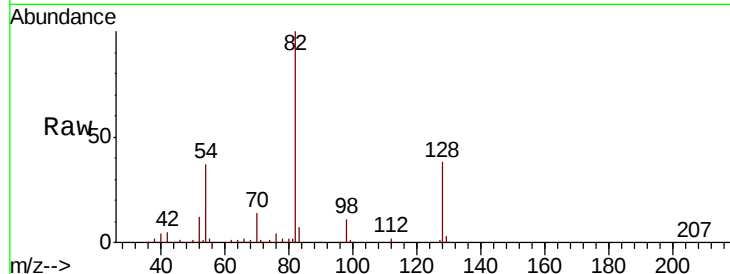




#23  
 Nitrobenzene-d5  
 Concen: 70.466 ng  
 RT: 8.82 min Scan# 991  
 Delta R.T. -0.02 min  
 Lab File: BM019227.D  
 Acq: 18 Mar 2019 22:05

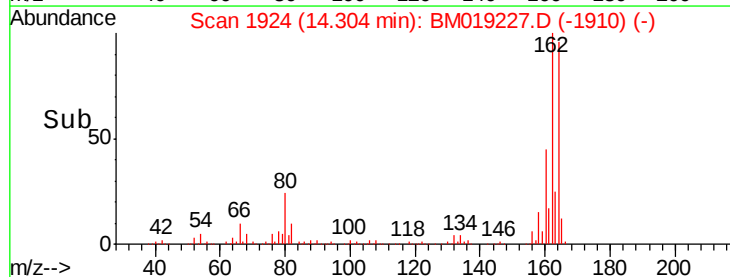
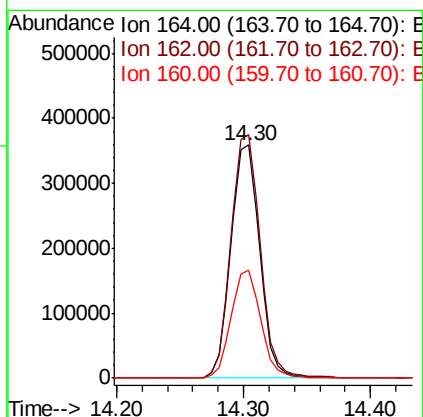
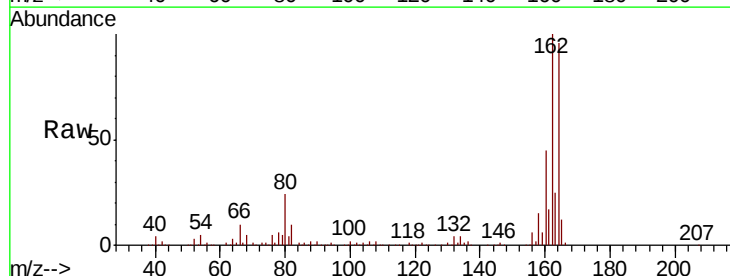
Instrument :  
 BNA\_M  
 ClientSampled :  
 SB-2(14-15)

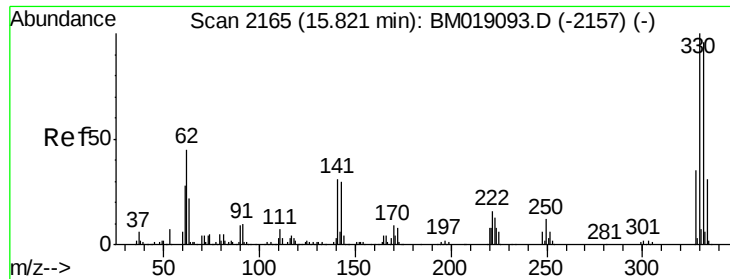
Tgt Ion: 82 Resp: 1336546  
 Ion Ratio Lower Upper  
 82 100  
 128 37.6 29.4 44.2  
 54 37.4 29.9 44.9



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.30 min Scan# 1924  
 Delta R.T. -0.02 min  
 Lab File: BM019227.D  
 Acq: 18 Mar 2019 22:05

Tgt Ion: 164 Resp: 564702  
 Ion Ratio Lower Upper  
 164 100  
 162 104.6 83.5 125.3  
 160 46.6 36.3 54.5

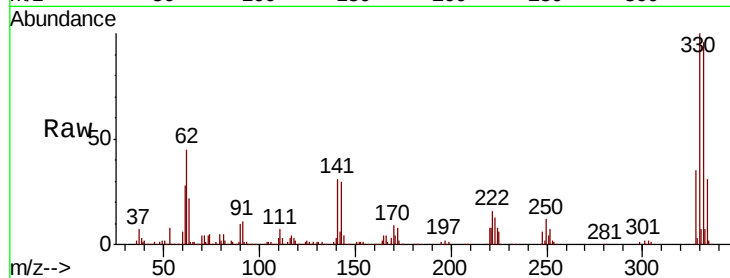




#42  
 2,4,6-Tribromophenol  
 Concen: 108.885 ng  
 RT: 15.80 min Scan# 2179  
 Delta R.T. -0.02 min  
 Lab File: BM019227.D  
 Acq: 18 Mar 2019 22:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-2(14-15)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.6  | 76.8  | 115.2 |
| 141     | 32.5  | 27.0  | 40.4  |

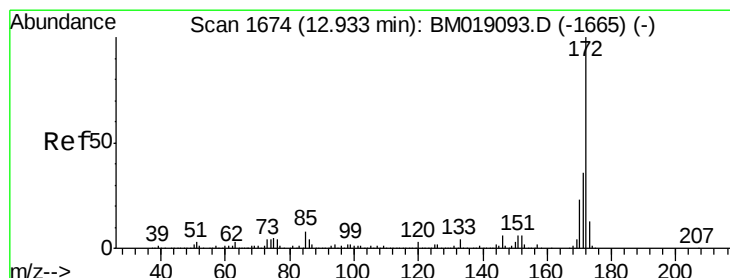
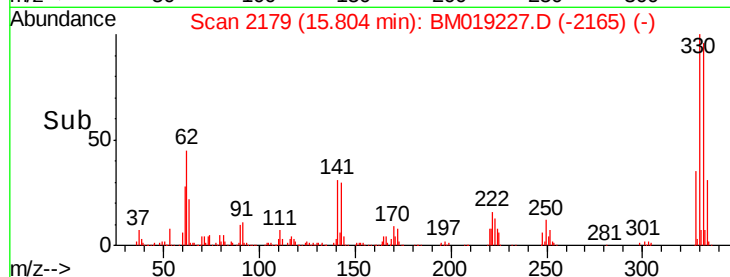
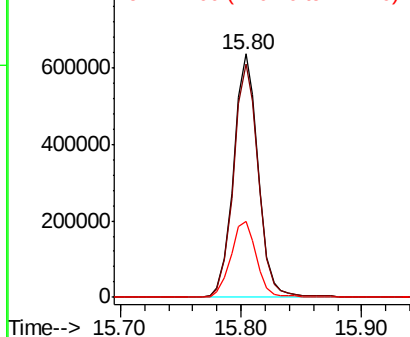


Abundance

Ion 329.80 (329.50 to 330.50): E

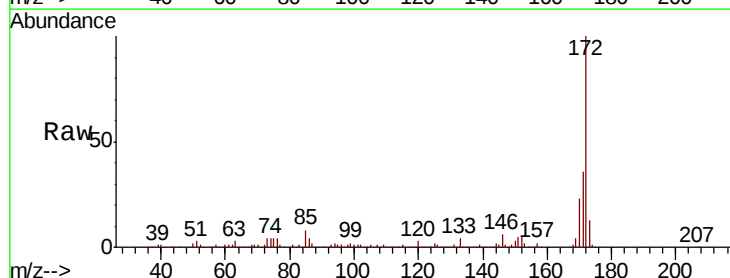
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 64.302 ng  
 RT: 12.92 min Scan# 1688  
 Delta R.T. -0.02 min  
 Lab File: BM019227.D  
 Acq: 18 Mar 2019 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 28.6  | 42.8  |
| 170     | 23.4  | 18.6  | 28.0  |

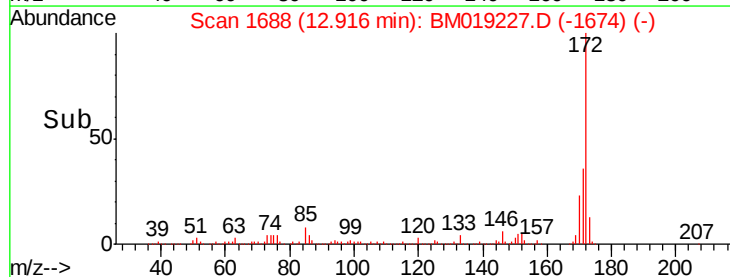
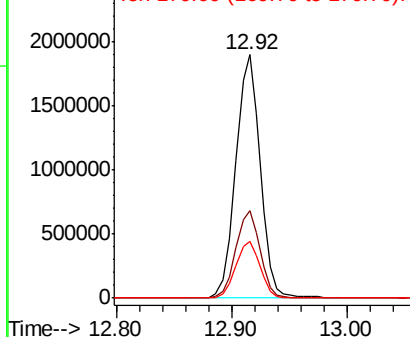


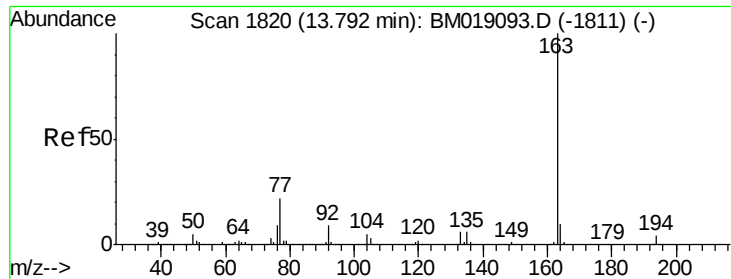
Abundance

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: 4.960 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM019227.D

Acq: 18 Mar 2019 22:05

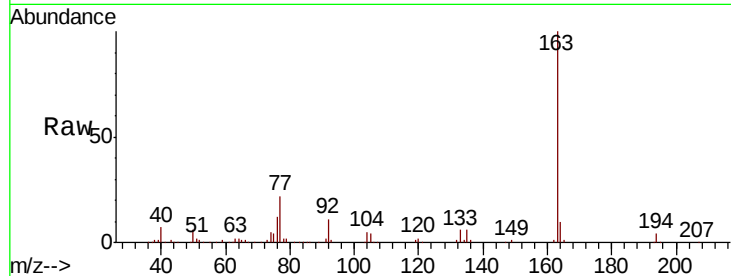
Instrument :

BNA\_M

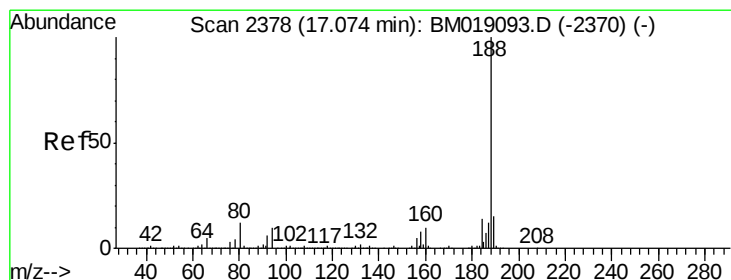
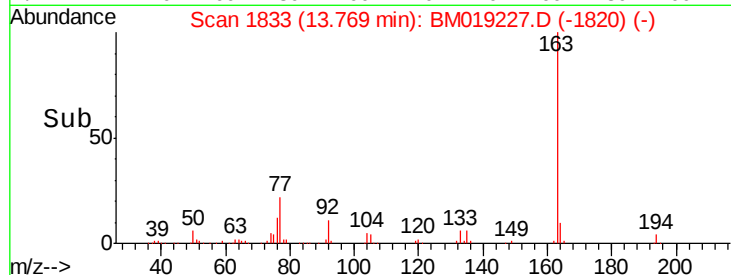
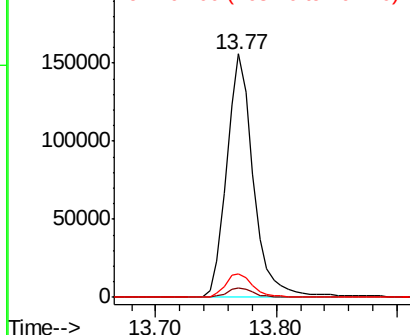
ClientSampleId :

SB-2(14-15)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 239587 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 4.0   | 3.3   | 4.9    |
| 164      | 9.9   | 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

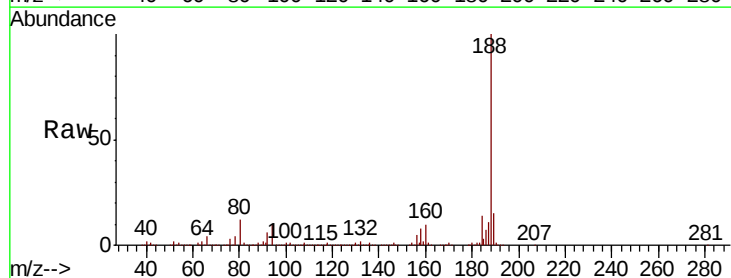
RT: 17.06 min Scan# 2392

Delta R.T. -0.02 min

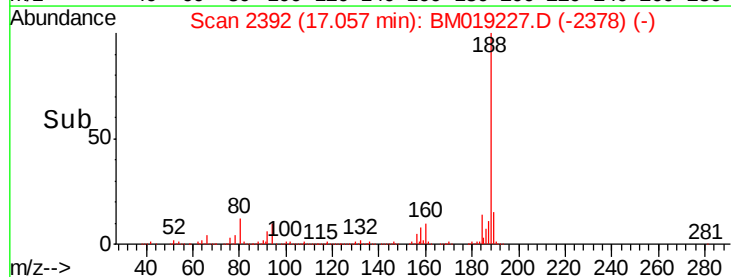
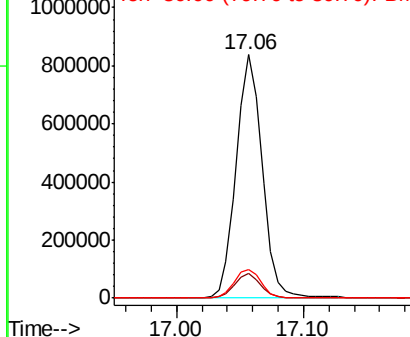
Lab File: BM019227.D

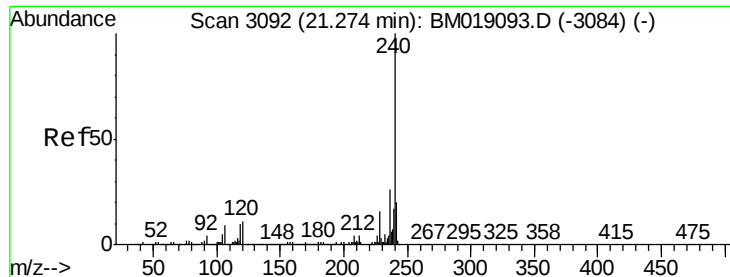
Acq: 18 Mar 2019 22:05

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 188   | Resp: | 1188953 |
| Ion      | Ratio | Lower | Upper   |
| 188      | 100   |       |         |
| 94       | 10.2  | 8.1   | 12.1    |
| 80       | 11.9  | 9.7   | 14.5    |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM0  
Ion 80.00 (79.70 to 80.70): BM0

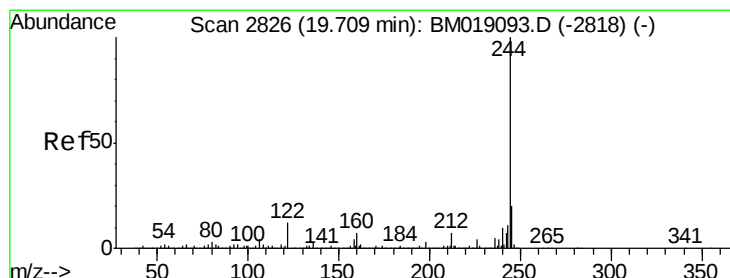
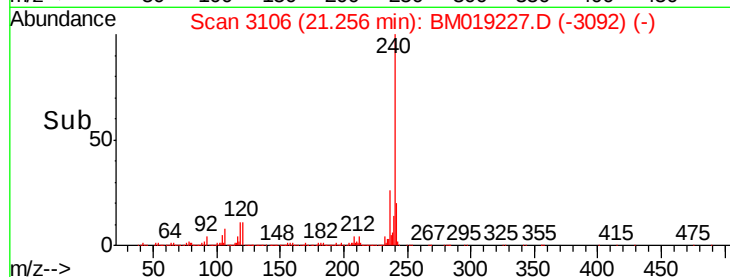
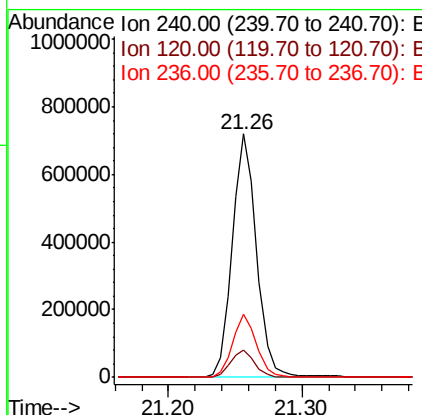
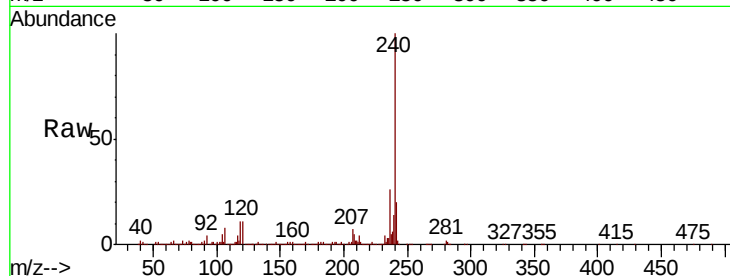




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.26 min Scan# 3106  
Delta R.T. -0.02 min  
Lab File: BM019227.D  
Acq: 18 Mar 2019 22:05

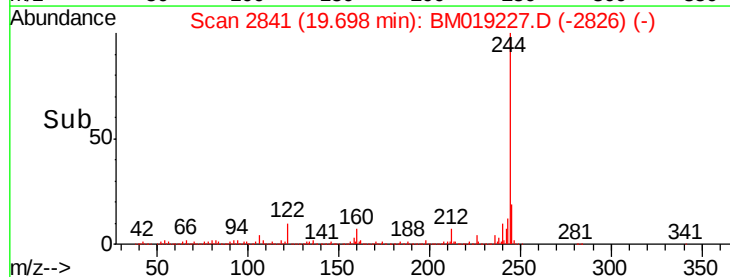
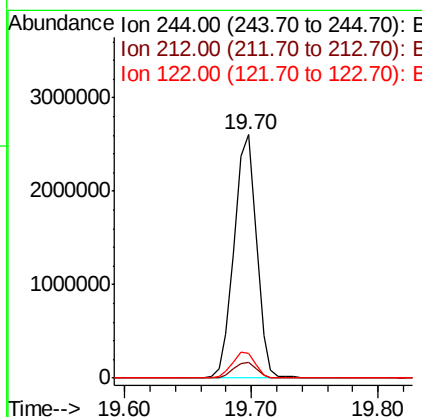
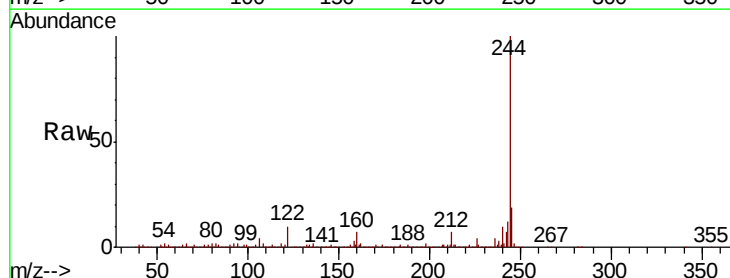
Instrument :  
BNA\_M  
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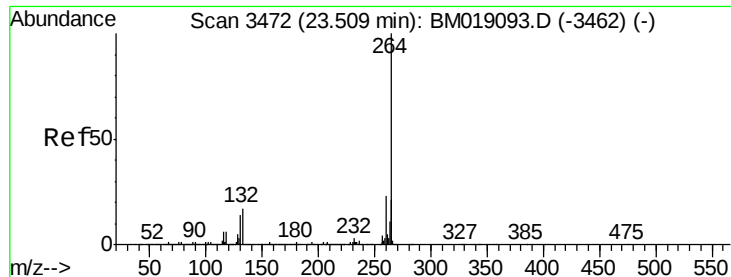
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.1  | 8.9   | 13.3  |
| 236     | 25.7  | 21.0  | 31.4  |



#79  
Terphenyl-d14  
Concen: 68.913 ng  
RT: 19.70 min Scan# 2841  
Delta R.T. -0.01 min  
Lab File: BM019227.D  
Acq: 18 Mar 2019 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.5   | 5.4   | 8.2   |
| 122     | 10.3  | 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: BM019227.D

Acq: 18 Mar 2019 22:05

Instrument :

BNA\_M

ClientSampleId :

SB-2(14-15)

Tgt Ion:264 Resp: 854828

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.0 17.3 25.9

