

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\  
 Data File : BM019183.D  
 Acq On : 15 Mar 2019 13:10  
 Operator : JU/SJ  
 Sample : K1817-15  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PST-027-B111-030619

Quant Time: Mar 16 01:32:31 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

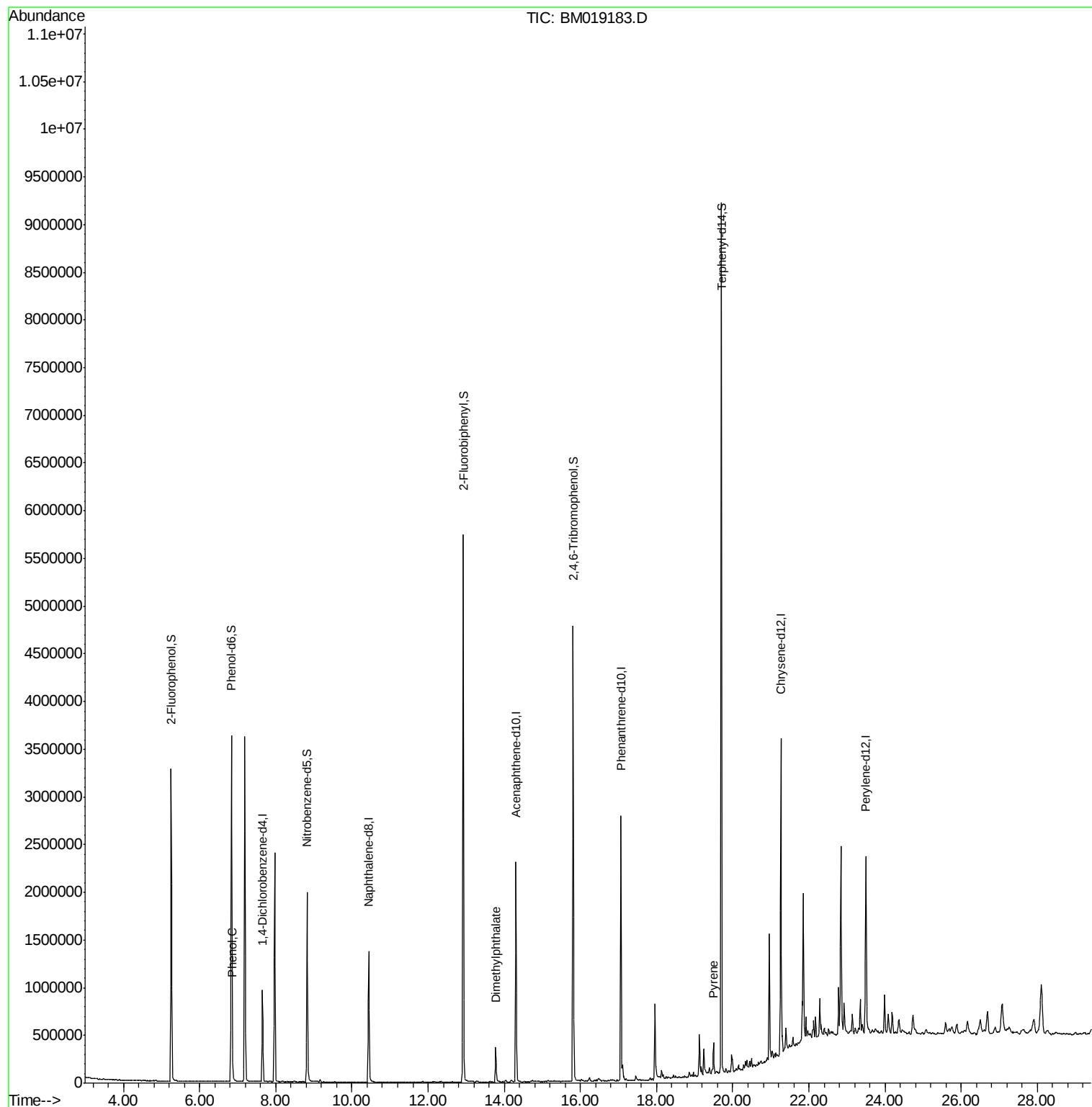
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 254060   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.44 | 136  | 1152665  | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.31 | 164  | 719652   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.06 | 188  | 1569116  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.26 | 240  | 1415139  | 20.00 | ng    | -0.01    |
| 87) Perylene-d12            | 23.50 | 264  | 1256670  | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.25  | 112  | 1382832  | 88.15 | ng    | 0.00     |
| 7) Phenol-d6                | 6.84  | 99   | 2161833  | 94.21 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.82  | 82   | 1285024  | 52.70 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.81 | 330  | 885997   | 83.38 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.92 | 172  | 2835342  | 51.25 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.70 | 244  | 4064893  | 57.02 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.86  | 94   | 70904    | 2.867 | ng    | 90       |
| 50) Dimethylphthalate       | 13.77 | 163  | 238053   | 3.867 | ng    | 99       |
| 78) Pyrene                  | 19.50 | 202  | 181657   | 2.029 | ng    | 99       |

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

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-B111-030619

Quant Time: Mar 16 01:32:31 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



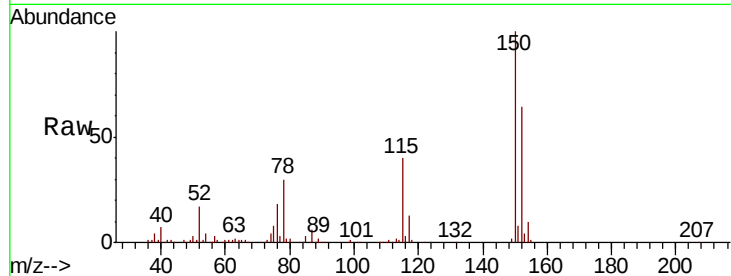


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.65 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BM019183.D  
Acq: 15 Mar 2019 13:10

Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-B111-030619

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.1 | 125.3 | 187.9 |
| 115     | 62.4  | 49.4  | 74.0  |

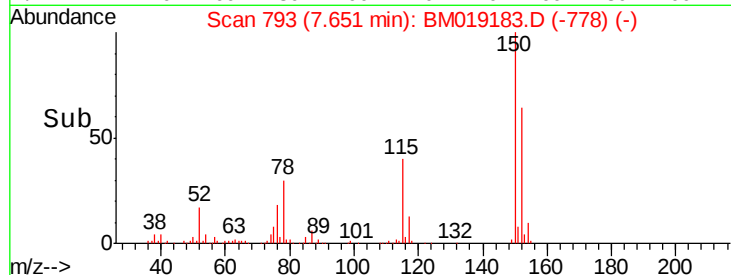
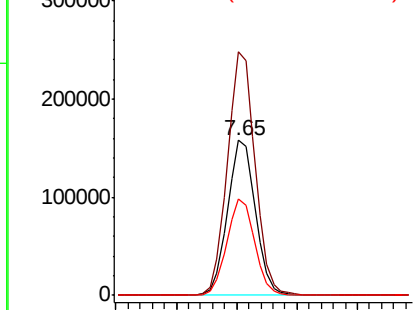


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

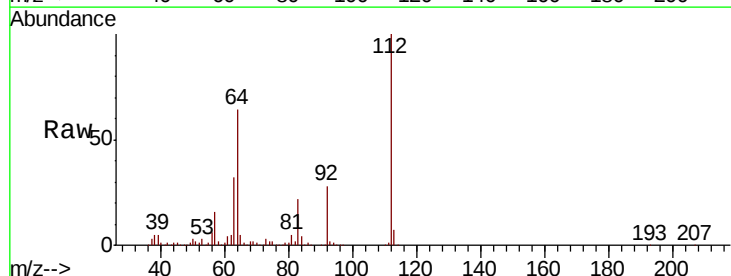
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 88.147 ng  
RT: 5.25 min Scan# 385  
Delta R.T. -0.01 min  
Lab File: BM019183.D  
Acq: 15 Mar 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.8  | 51.4  | 77.0  |
| 63      | 32.2  | 26.6  | 40.0  |

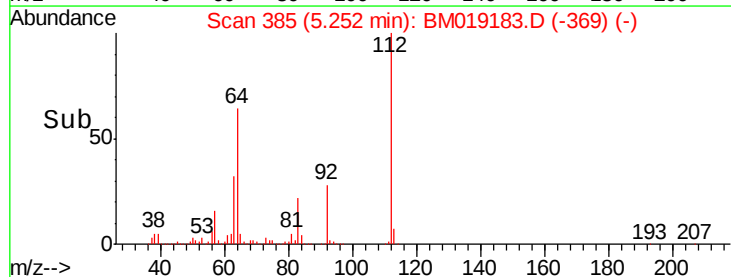
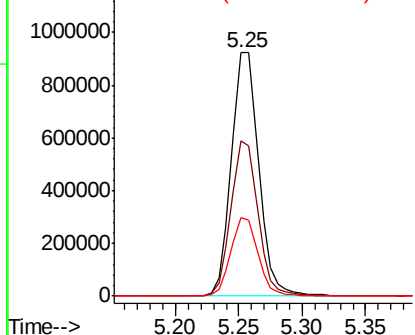


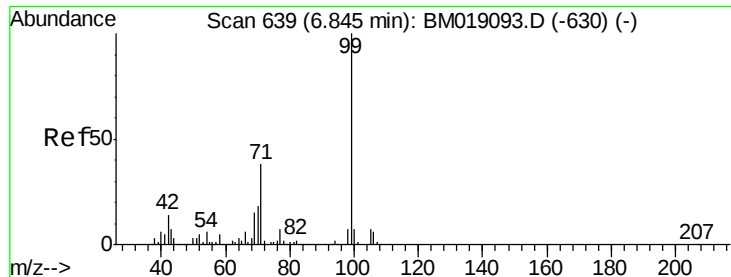
Abundance

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: 94.211 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019183.D

Acq: 15 Mar 2019 13:10

Instrument :

BNA\_M

ClientSampleId :

PST-027-B111-030619

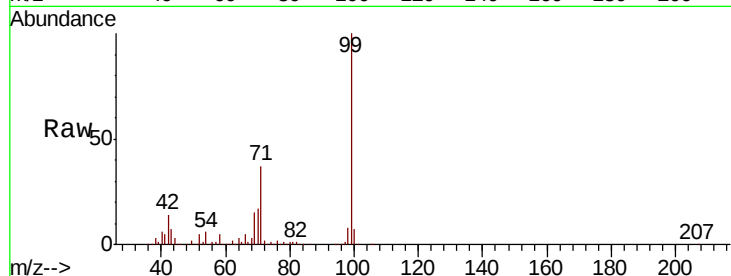
Tot Ion: 99 Resp: 2161833

Ion Ratio Lower Upper

99 100

42 13.6 10.9 16.3

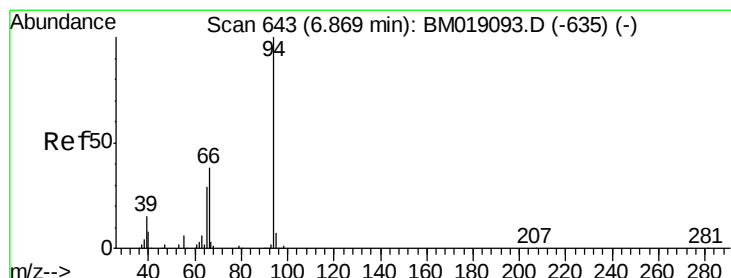
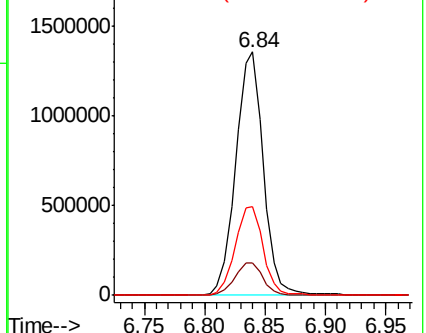
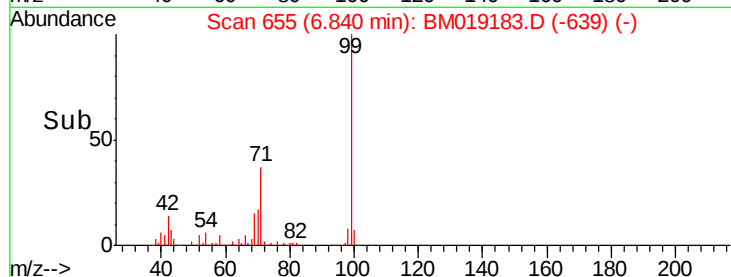
71 36.5 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019183.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019183.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019183.D (-639) (-)



#10

Phenol

Concen: 2.867 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019183.D

Acq: 15 Mar 2019 13:10

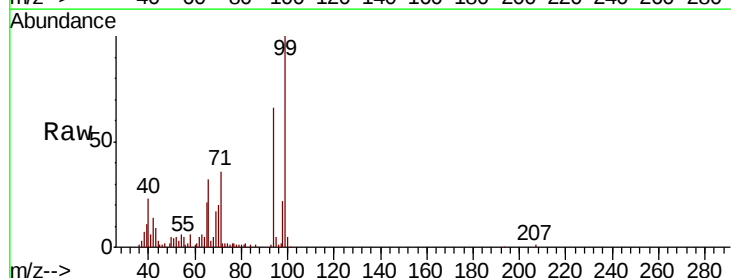
Tgt Ion: 94 Resp: 70904

Ion Ratio Lower Upper

94 100

65 32.5 9.7 49.7

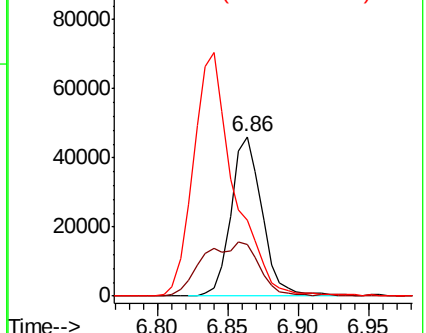
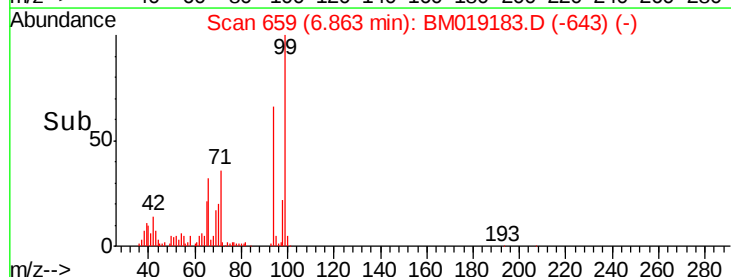
66 47.7 19.2 59.2



Abundance Ion 94.00 (93.70 to 94.70): BM019183.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019183.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019183.D (-643) (-)

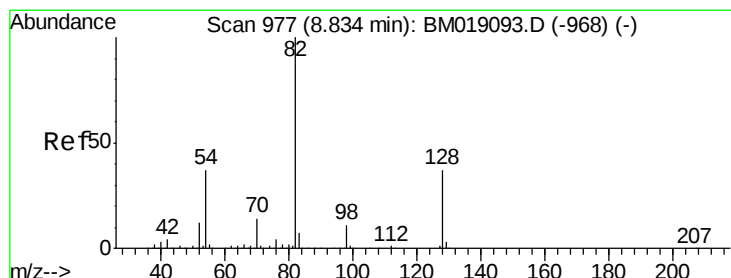
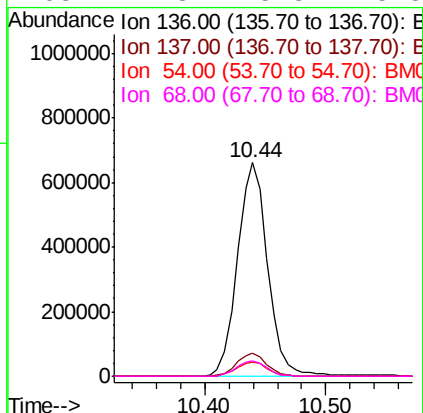
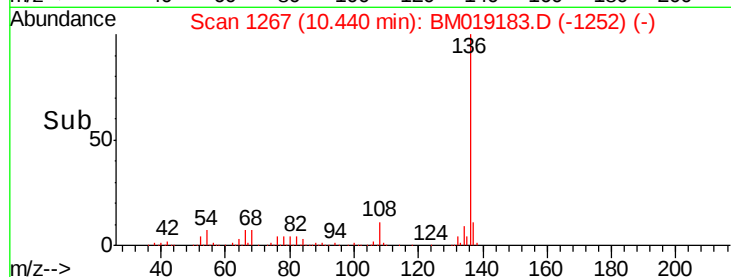
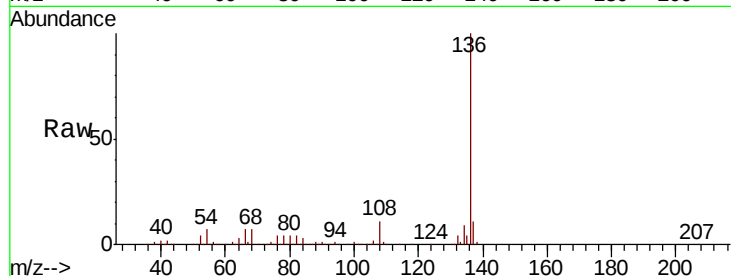




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.44 min Scan# 1267  
Delta R.T. -0.01 min  
Lab File: BM019183.D  
Acq: 15 Mar 2019 13:10

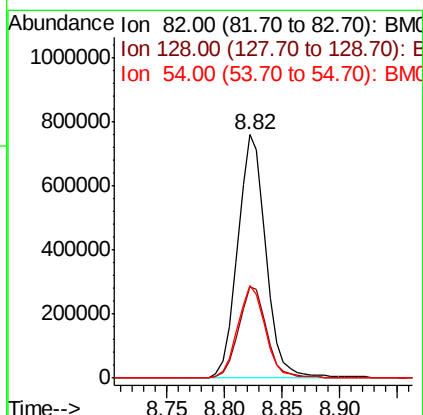
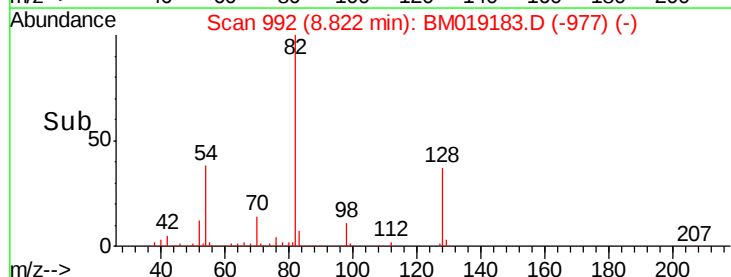
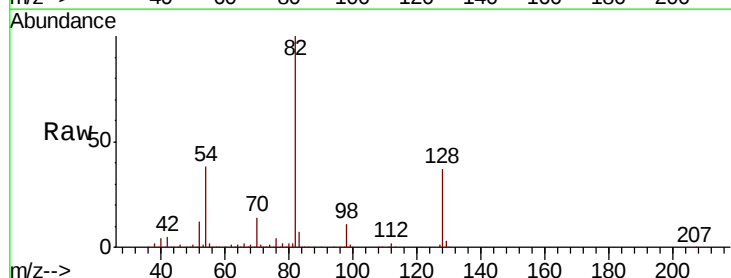
Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-B111-030619

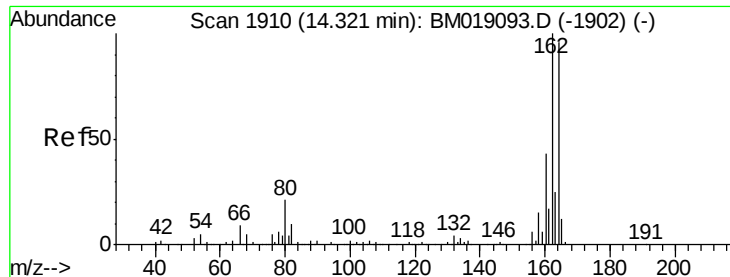
Tot Ion:136 Resp: 1152665  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 6.8 5.2 7.8  
68 7.3 5.8 8.8



#23  
Nitrobenzene-d5  
Concen: 52.698 ng  
RT: 8.82 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BM019183.D  
Acq: 15 Mar 2019 13:10

Tgt Ion: 82 Resp: 1285024  
Ion Ratio Lower Upper  
82 100  
128 37.3 29.4 44.2  
54 37.9 29.9 44.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019183.D

Acq: 15 Mar 2019 13:10

Instrument :

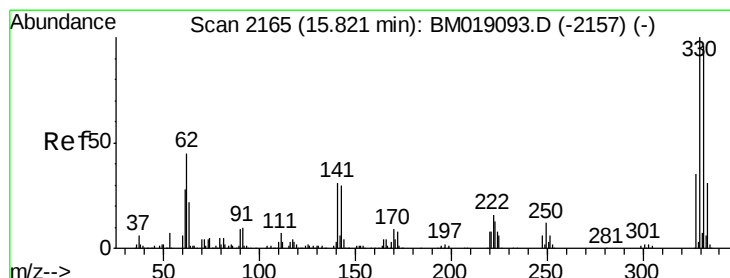
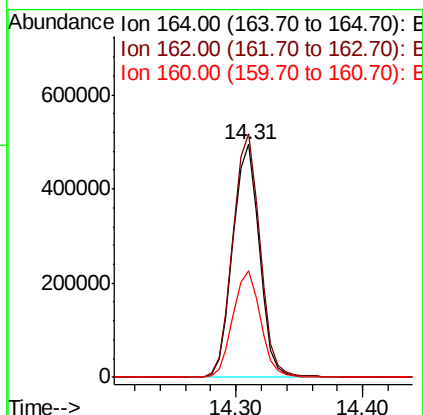
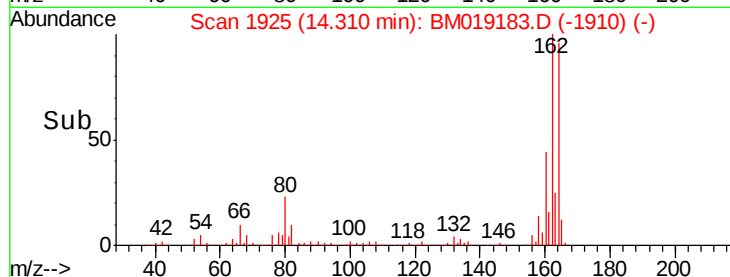
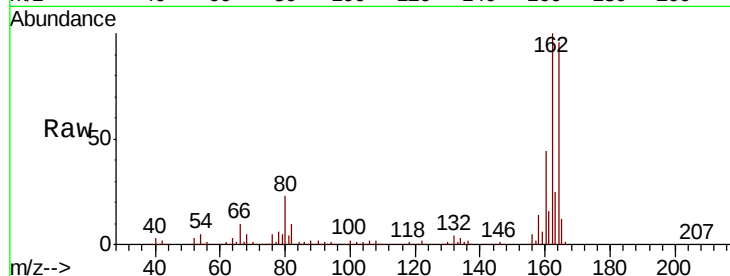
BNA\_M

ClientSampleId :

PST-027-B111-030619

Tot Ion:164 Resp: 719652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 104.5 | 83.5  | 125.3 |
| 160 | 45.5  | 36.3  | 54.5  |



#42

2,4,6-Tribromophenol

Concen: 83.385 ng

RT: 15.81 min Scan# 2180

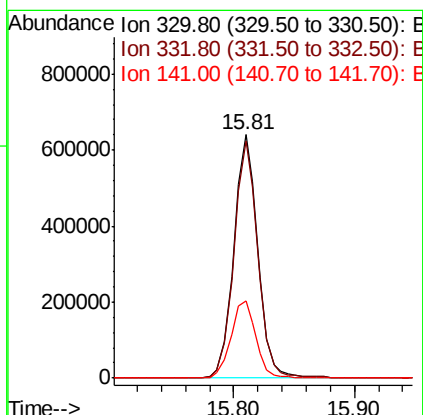
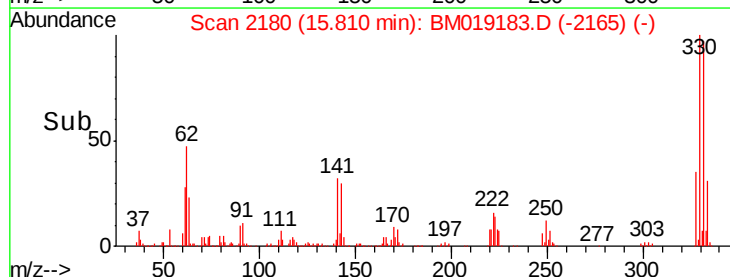
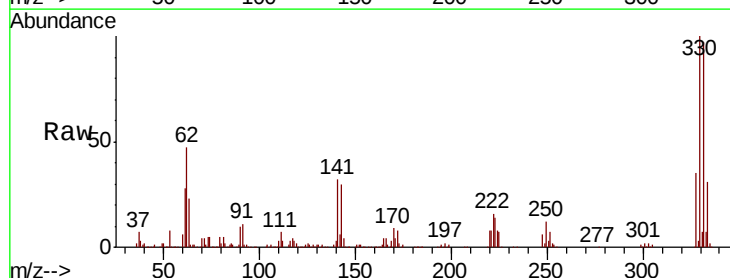
Delta R.T. -0.01 min

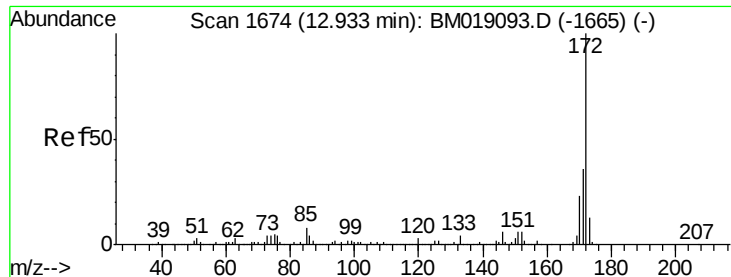
Lab File: BM019183.D

Acq: 15 Mar 2019 13:10

Tgt Ion:330 Resp: 885997

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 97.2  | 76.8  | 115.2 |
| 141 | 33.3  | 27.0  | 40.4  |

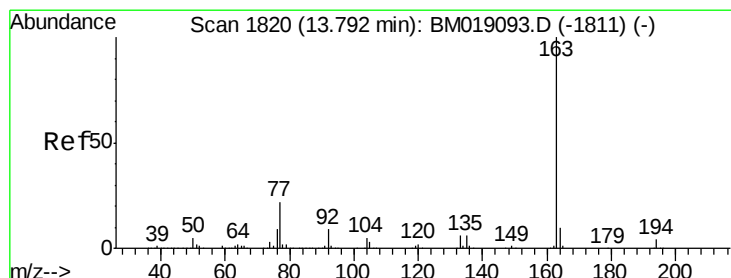
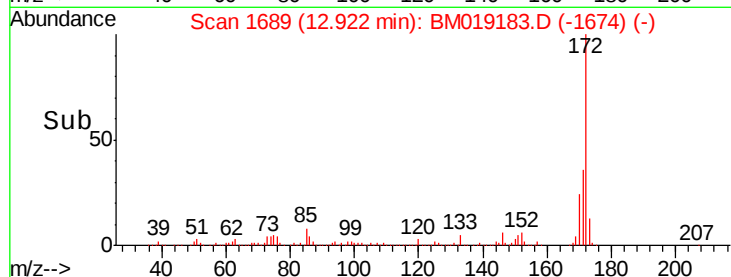
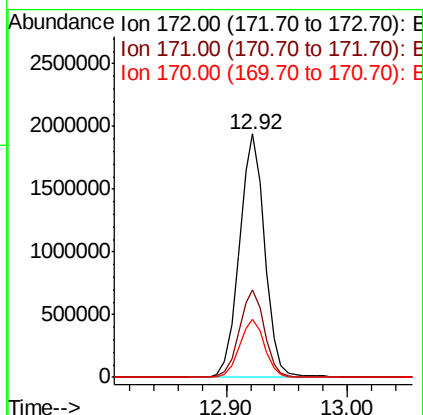
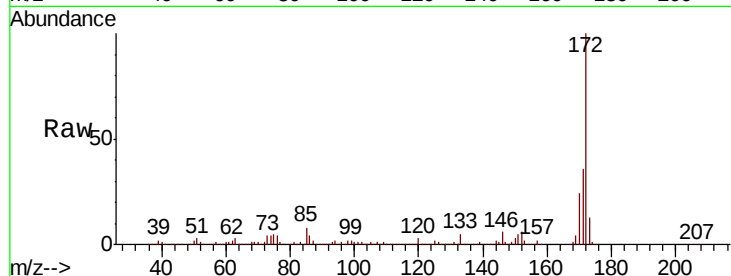




#45  
2-Fluorobiphenyl  
Concen: 51.248 ng  
RT: 12.92 min Scan# 1689  
Delta R.T. -0.01 min  
Lab File: BM019183.D  
Acq: 15 Mar 2019 13:10

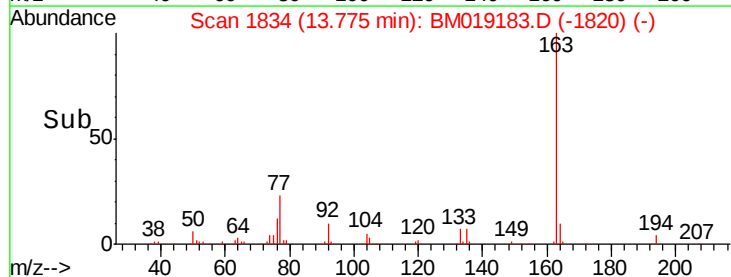
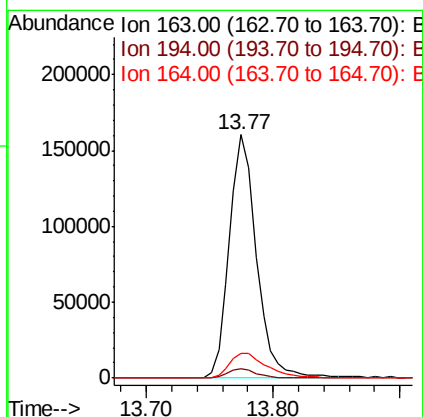
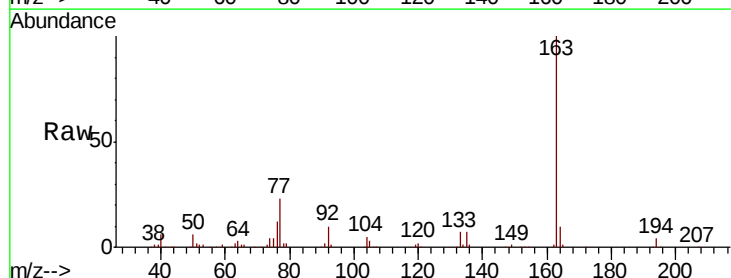
Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-B111-030619

Tot Ion:172 Resp: 2835342  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.6 42.8  
170 23.6 18.6 28.0



#50  
Dimethylphthalate  
Concen: 3.867 ng  
RT: 13.77 min Scan# 1834  
Delta R.T. -0.02 min  
Lab File: BM019183.D  
Acq: 15 Mar 2019 13:10

Tgt Ion:163 Resp: 238053  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.0 7.7 11.5

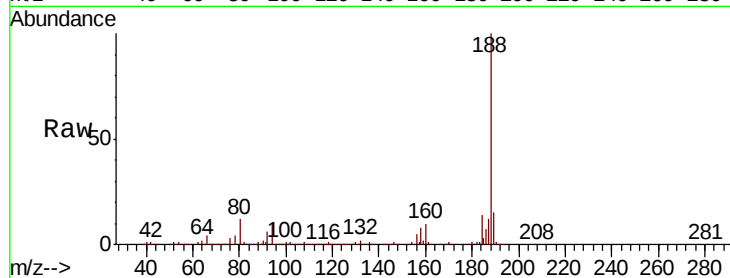




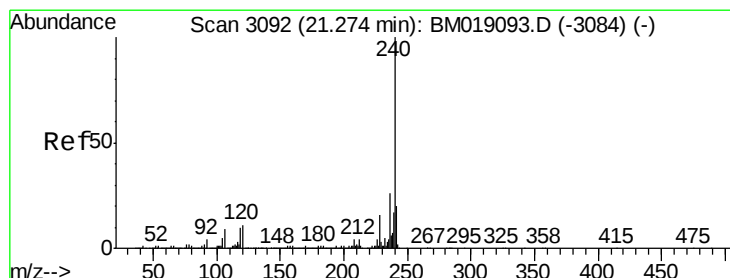
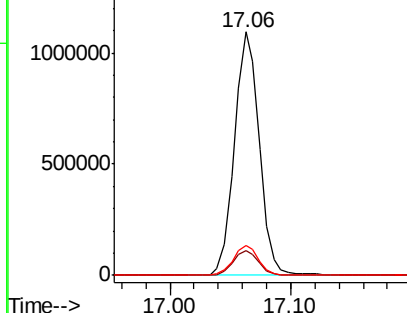
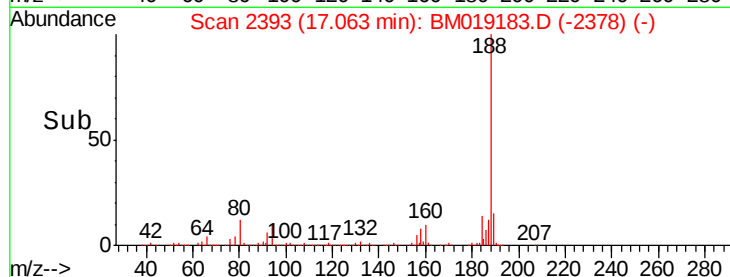
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.06 min Scan# 2393  
Delta R.T. -0.01 min  
Lab File: BM019183.D  
Acq: 15 Mar 2019 13:10

Instrument :  
BNA\_M  
ClientSampleId :  
PST-027-B111-030619

Tot Ion:188 Resp: 1569116  
Ion Ratio Lower Upper  
188 100  
94 10.1 8.1 12.1  
80 12.3 9.7 14.5

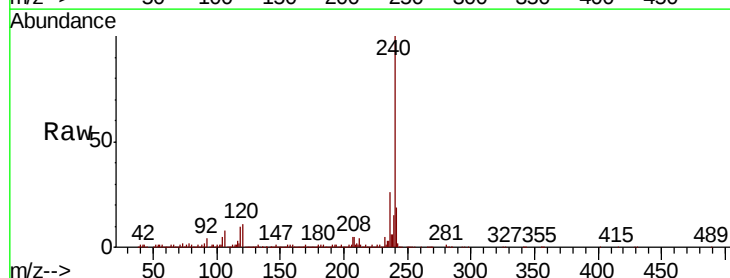


Abundance Ion 188.00 (187.70 to 188.70): E  
1500000  
Ion 94.00 (93.70 to 94.70): BM  
Ion 80.00 (79.70 to 80.70): BM

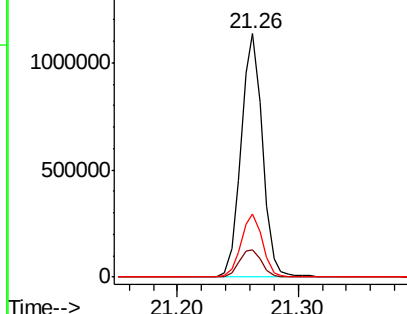
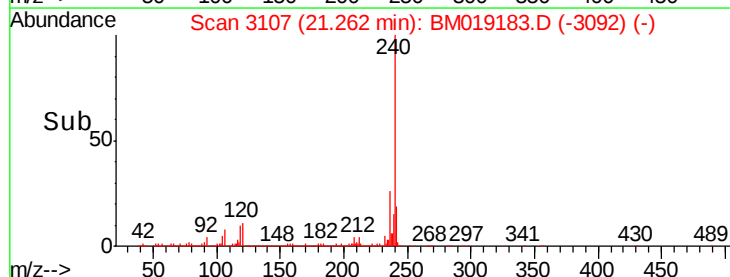


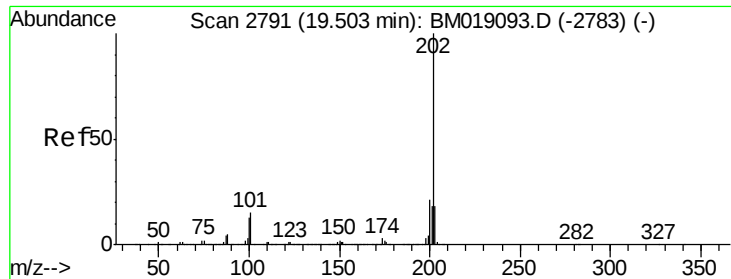
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.26 min Scan# 3107  
Delta R.T. -0.01 min  
Lab File: BM019183.D  
Acq: 15 Mar 2019 13:10

Tgt Ion:240 Resp: 1415139  
Ion Ratio Lower Upper  
240 100  
120 11.2 8.9 13.3  
236 25.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E  
1500000  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

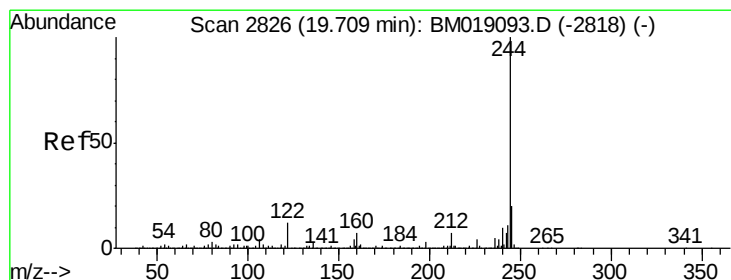
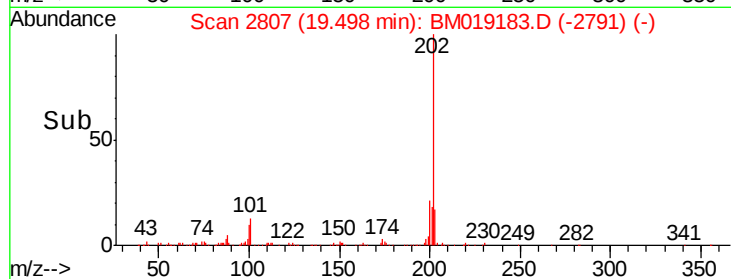
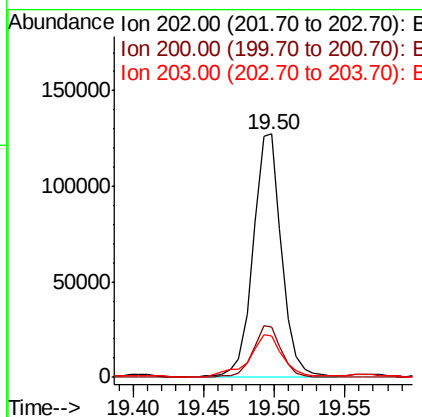
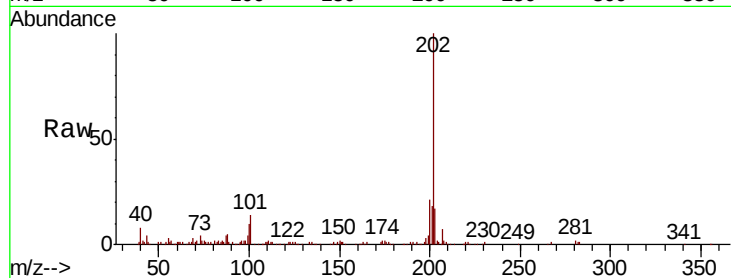




#78  
Pvrene  
Concen: 2.029 ng  
RT: 19.50 min Scan# 2807  
Delta R.T. -0.01 min  
Lab File: BM019183.D  
Acq: 15 Mar 2019 13:10

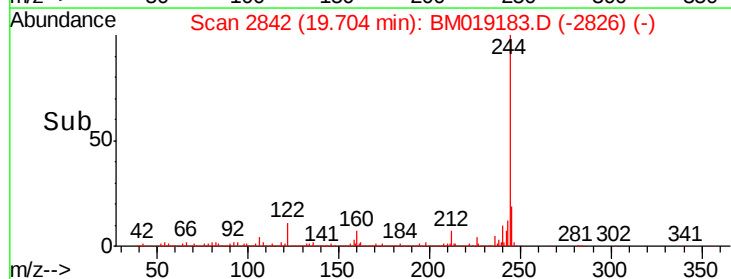
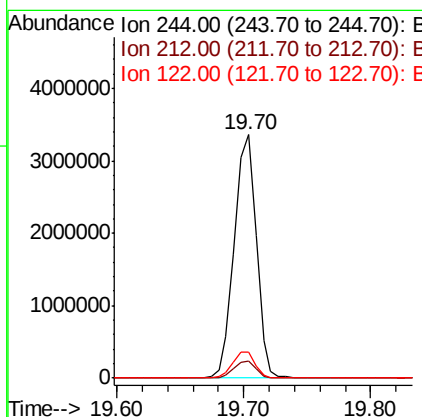
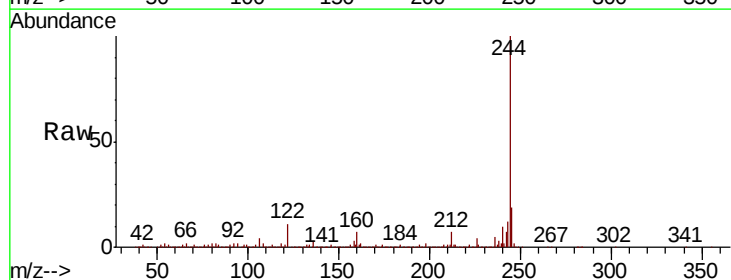
Instrument :  
BNA\_M  
ClientSampleId :  
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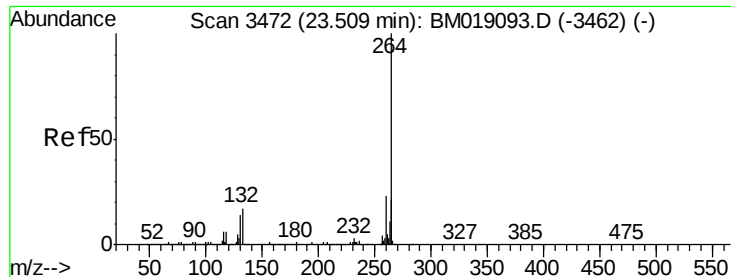
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.9  | 16.9  | 25.3  |
| 203     | 17.1  | 14.0  | 21.0  |



#79  
Terphenyl-d14  
Concen: 57.024 ng  
RT: 19.70 min Scan# 2842  
Delta R.T. -0.01 min  
Lab File: BM019183.D  
Acq: 15 Mar 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 5.4   | 8.2   |
| 122     | 10.5  | 9.4   | 14.2  |





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.50 min Scan# 3487  
 Delta R.T. -0.01 min  
 Lab File: BM019183.D  
 Acq: 15 Mar 2019 13:10

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PST-027-B111-030619

Tot Ion:264 Resp: 1256670  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.6 28.0  
 265 21.9 17.3 25.9

