

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM041719\  
 Data File : BM019943.D  
 Acq On : 17 Apr 2019 18:01  
 Operator : JU/SJ  
 Sample : K2423-15  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP4-B

Quant Time: Apr 18 01:35:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM041519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 15 16:16:29 2019  
 Response via : Initial Calibration

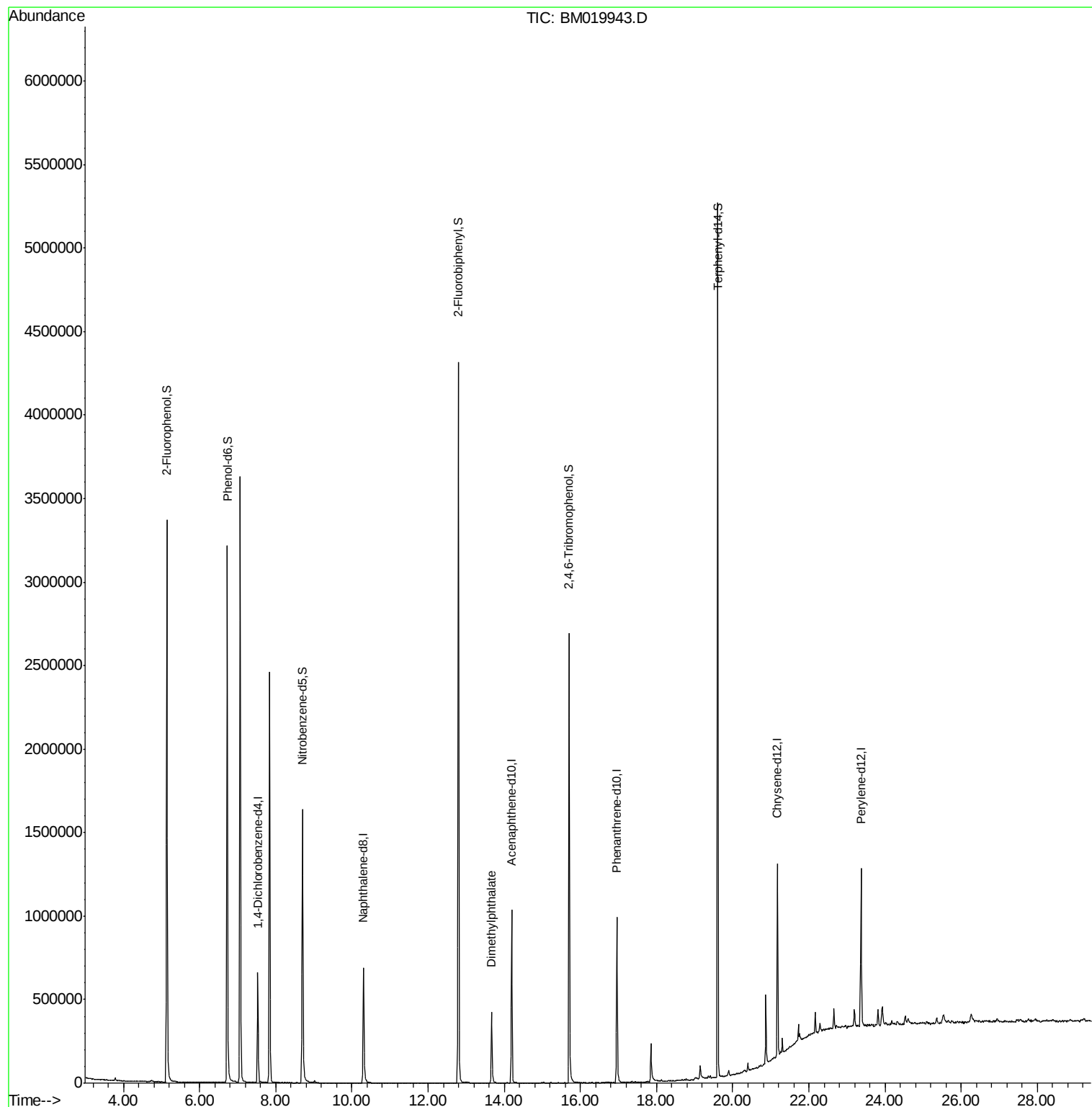
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.53  | 152  | 166296   | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.30 | 136  | 631889   | 20.00  | ng    | 0.00          |
| 39) Acenaphthene-d10        | 14.19 | 164  | 332880   | 20.00  | ng    | 0.00          |
| 64) Phenanthrene-d10        | 16.96 | 188  | 606752   | 20.00  | ng    | 0.00          |
| 76) Chrysene-d12            | 21.17 | 240  | 515543   | 20.00  | ng    | 0.00          |
| 87) Perylene-d12            | 23.37 | 264  | 662453   | 20.00  | ng    | -0.01         |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.14  | 112  | 1327860  | 129.41 | ng    | 0.00          |
| 7) Phenol-d6                | 6.72  | 99   | 1822950  | 118.05 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 8.70  | 82   | 1118144  | 79.14  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 15.70 | 330  | 507417   | 94.69  | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 12.80 | 172  | 2076332  | 77.73  | ng    | 0.00          |
| 79) Terphenyl-d14           | 19.60 | 244  | 2105080  | 72.02  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 50) Dimethylphthalate       | 13.67 | 163  | 314954   | 10.727 | ng    | Qvalue<br>100 |

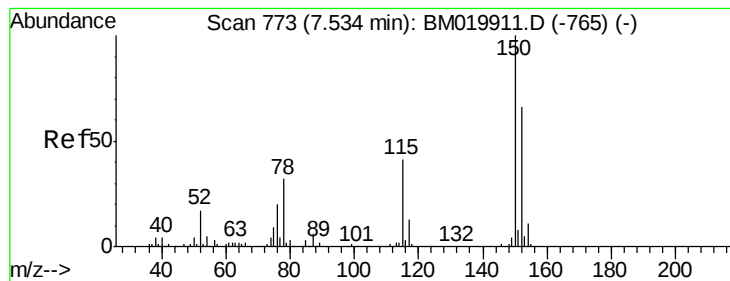
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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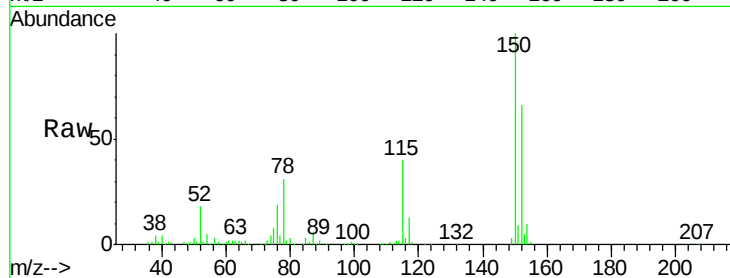


#1

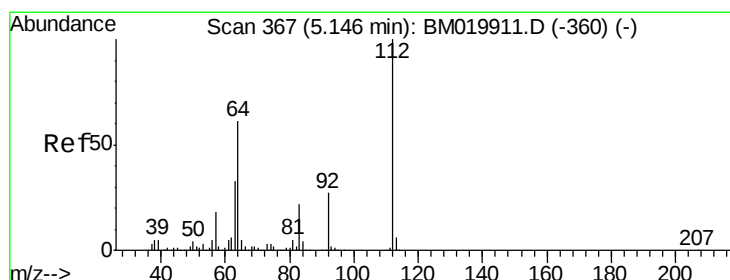
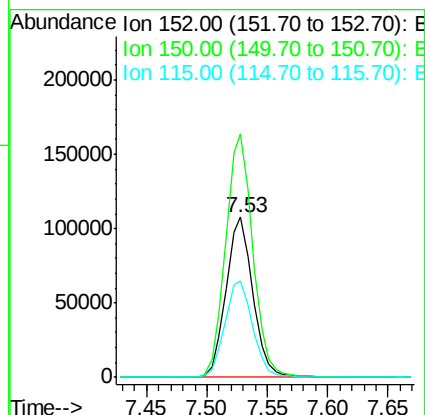
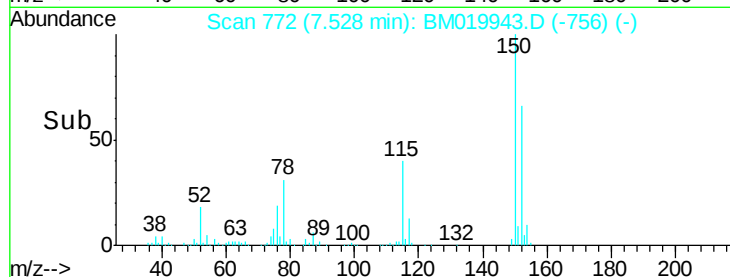
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.53 min Scan# 772  
Delta R.T. -0.01 min  
Lab File: BM019943.D  
Acq: 17 Apr 2019 18:01

Instrument :  
BNA\_M  
ClientSampleId :  
TP4-B

Tgt Ion:152 Resp: 166296  
Ion Ratio Lower Upper  
152 100  
150 152.1 122.1 183.1  
115 60.2 50.0 75.0



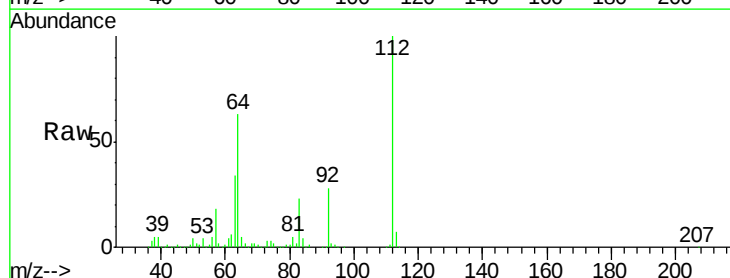
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



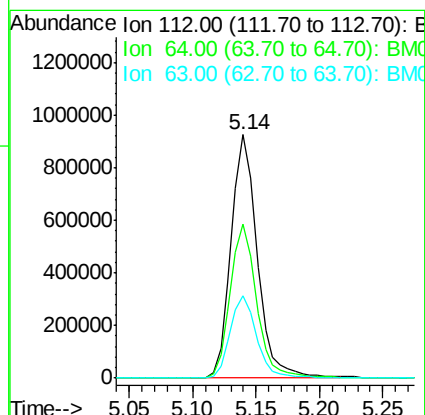
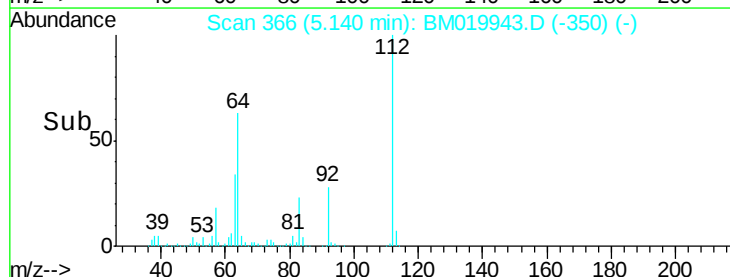
#5

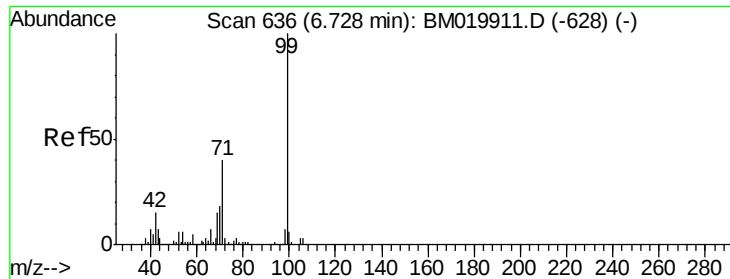
2-Fluorophenol  
Concen: 129.408 ng  
RT: 5.14 min Scan# 366  
Delta R.T. -0.01 min  
Lab File: BM019943.D  
Acq: 17 Apr 2019 18:01

Tgt Ion:112 Resp: 1327860  
Ion Ratio Lower Upper  
112 100  
64 63.1 49.1 73.7  
63 33.7 26.5 39.7



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: 118.046 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019943.D

Acq: 17 Apr 2019 18:01

Instrument :

BNA\_M

ClientSampleId :

TP4-B

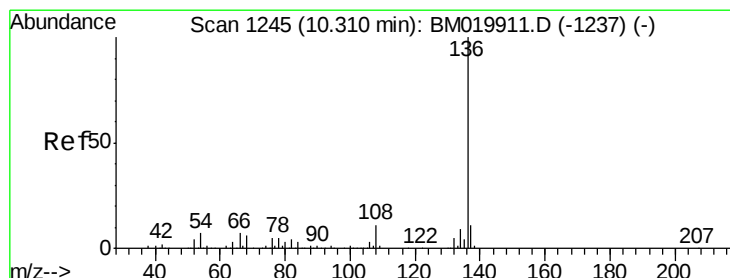
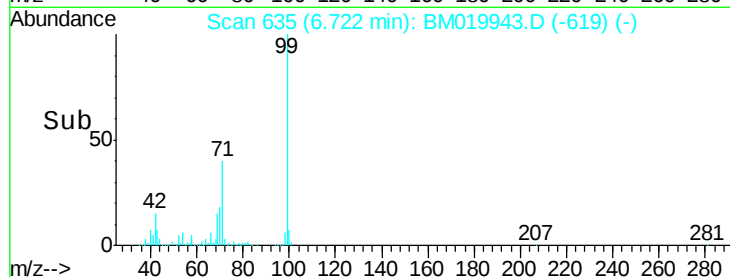
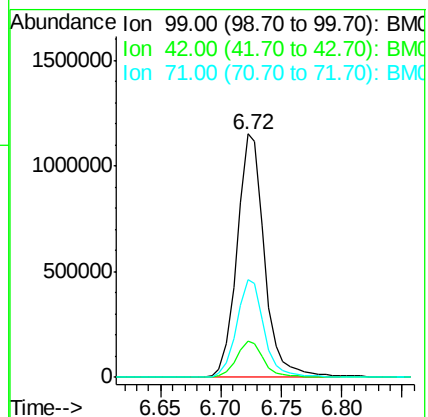
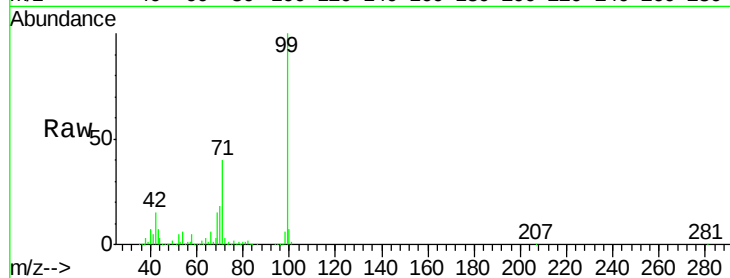
Tgt Ion: 99 Resp: 1822950

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.8

71 40.4 32.0 48.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM019943.D

Acq: 17 Apr 2019 18:01

Tgt Ion: 136 Resp: 631889

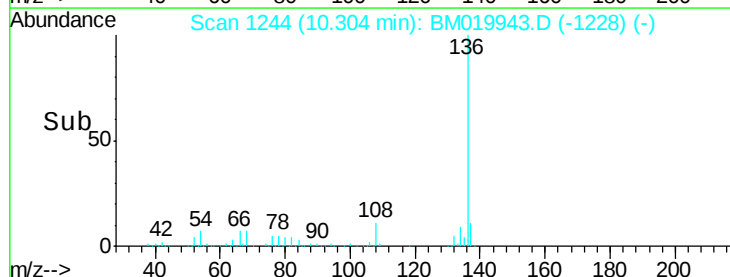
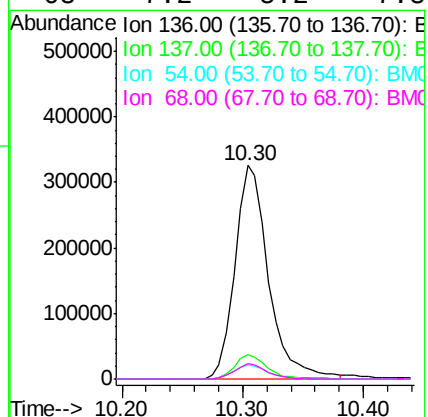
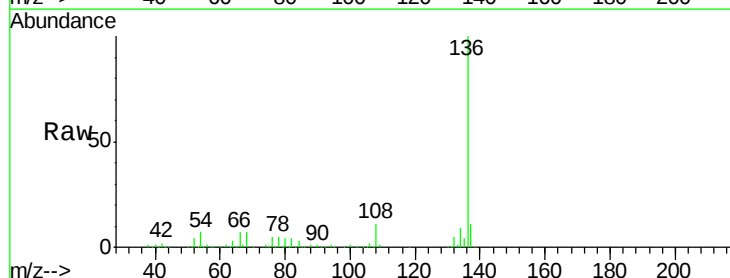
Ion Ratio Lower Upper

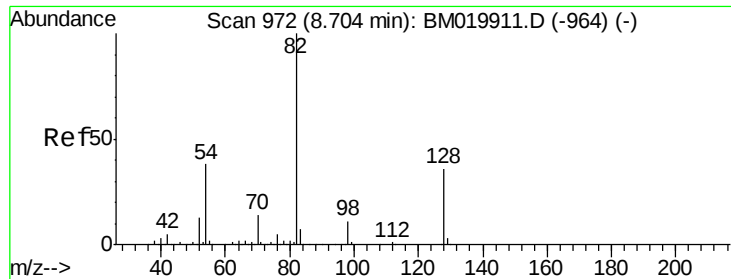
136 100

137 11.3 9.0 13.6

54 6.8 5.3 7.9

68 7.2 5.2 7.8

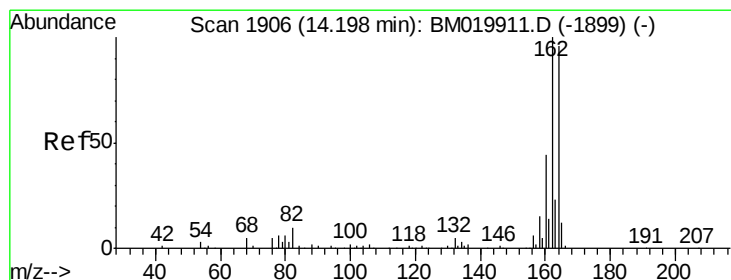
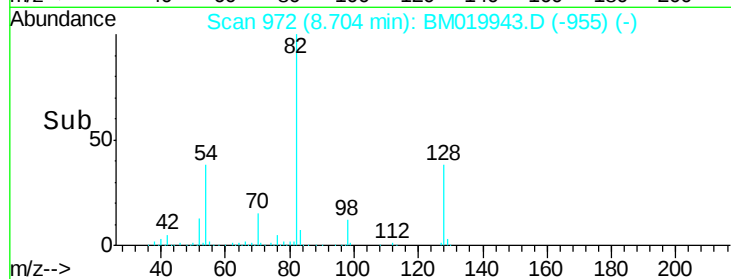
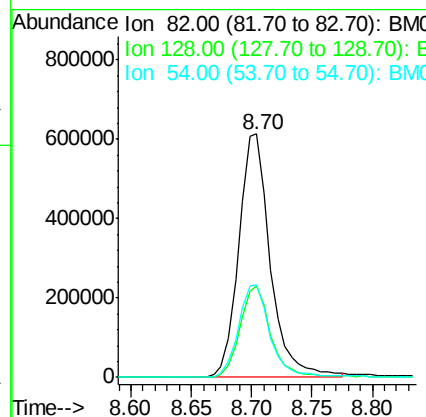
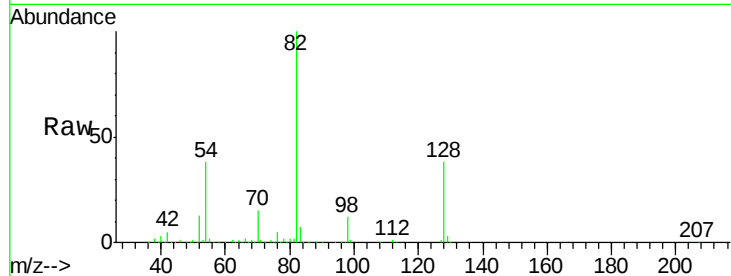




#23  
 Nitrobenzene-d5  
 Concen: 79.135 ng  
 RT: 8.70 min Scan# 972  
 Delta R.T. -0.00 min  
 Lab File: BM019943.D  
 Acq: 17 Apr 2019 18:01

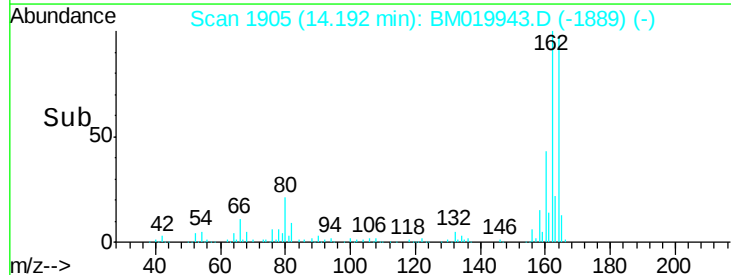
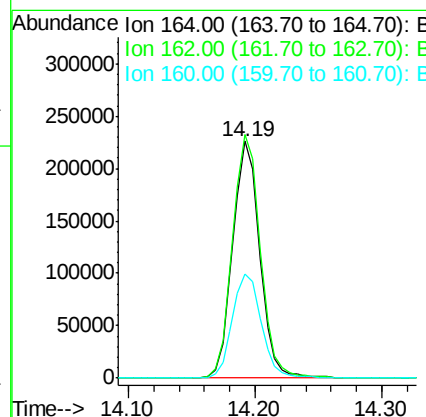
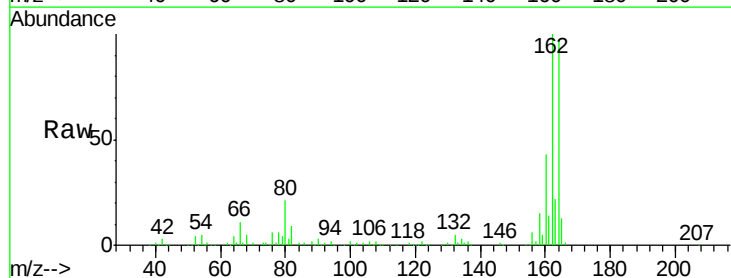
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP4-B

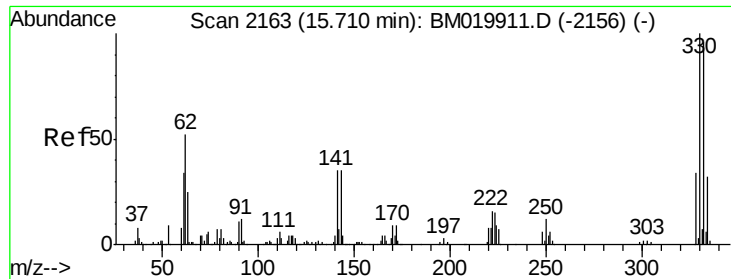
Tgt Ion: 82 Resp: 1118144  
 Ion Ratio Lower Upper  
 82 100  
 128 37.7 29.0 43.4  
 54 37.8 30.2 45.4



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.19 min Scan# 1905  
 Delta R.T. -0.01 min  
 Lab File: BM019943.D  
 Acq: 17 Apr 2019 18:01

Tgt Ion: 164 Resp: 332880  
 Ion Ratio Lower Upper  
 164 100  
 162 102.9 83.0 124.4  
 160 44.2 36.6 55.0

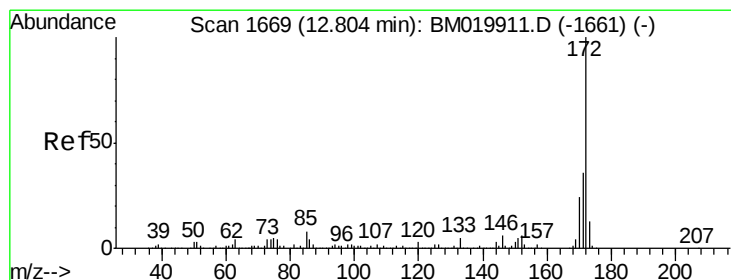
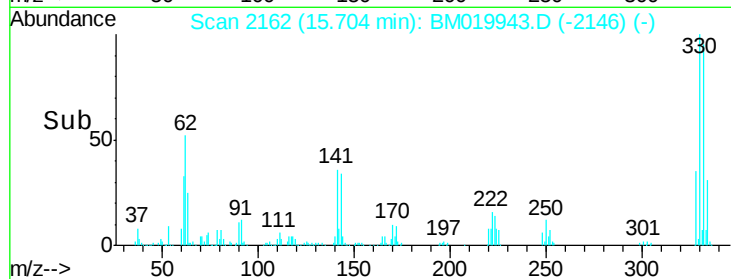
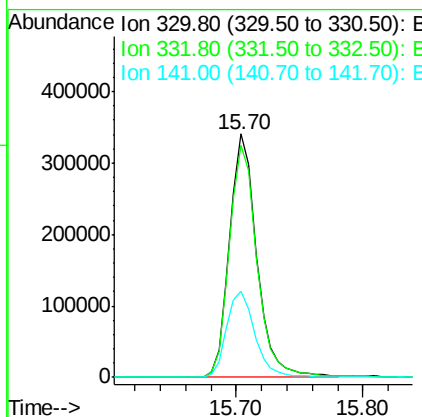
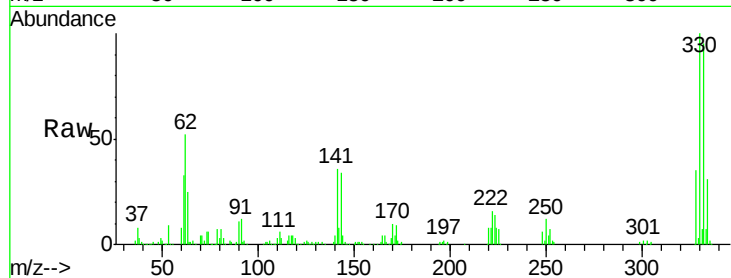




#42  
 2,4,6-Tribromophenol  
 Concen: 94.695 ng  
 RT: 15.70 min Scan# 2162  
 Delta R.T. -0.01 min  
 Lab File: BM019943.D  
 Acq: 17 Apr 2019 18:01

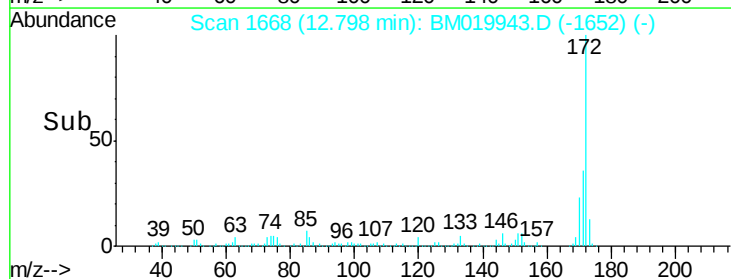
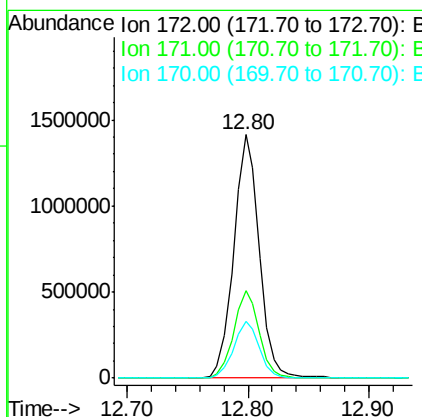
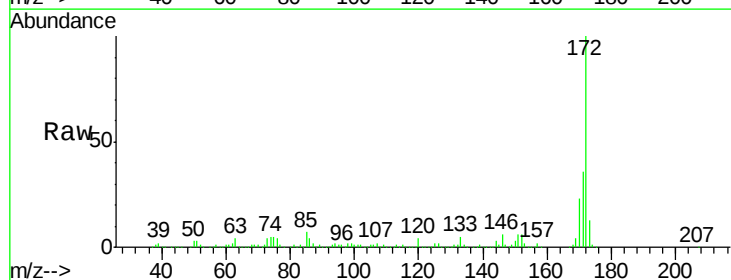
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP4-B

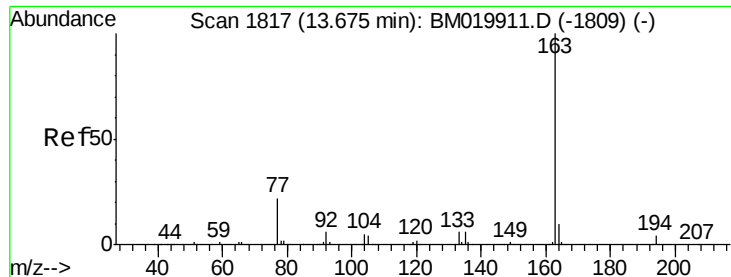
Tgt Ion:330 Resp: 507417  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 77.4 116.2  
 141 37.0 29.0 43.4



#45  
 2-Fluorobiphenyl  
 Concen: 77.733 ng  
 RT: 12.80 min Scan# 1668  
 Delta R.T. -0.01 min  
 Lab File: BM019943.D  
 Acq: 17 Apr 2019 18:01

Tgt Ion:172 Resp: 2076332  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 28.9 43.3  
 170 23.5 19.0 28.4





#50

Dimethylphthalate

Concen: 10.727 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM019943.D

Acq: 17 Apr 2019 18:01

Instrument :

BNA\_M

ClientSampleId :

TP4-B

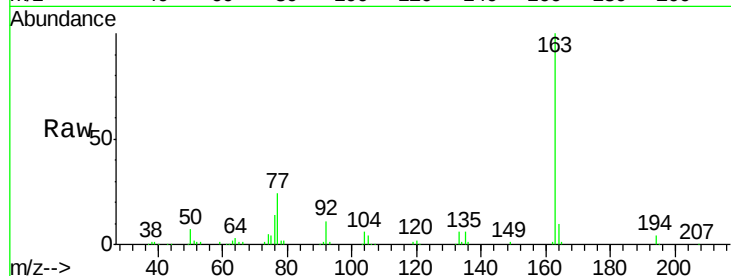
Tgt Ion:163 Resp: 314954

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

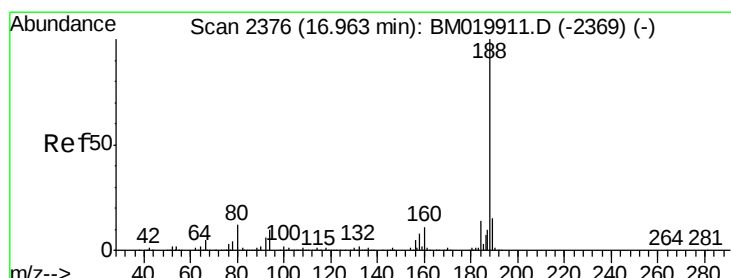
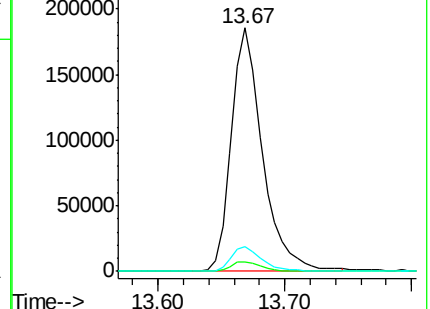
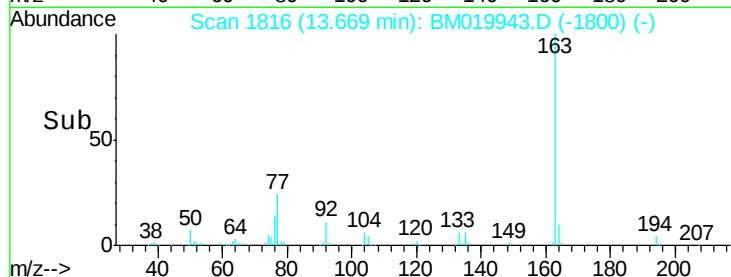
164 10.0 7.9 11.9



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: 16.96 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BM019943.D

Acq: 17 Apr 2019 18:01

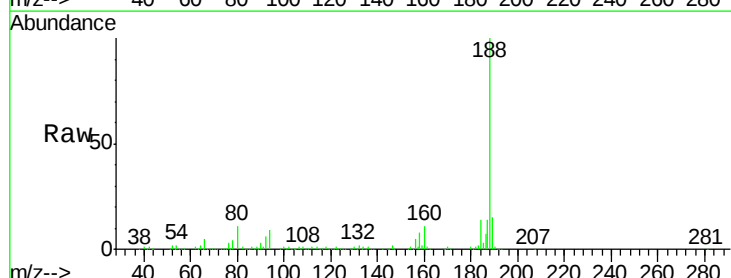
Tgt Ion:188 Resp: 606752

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

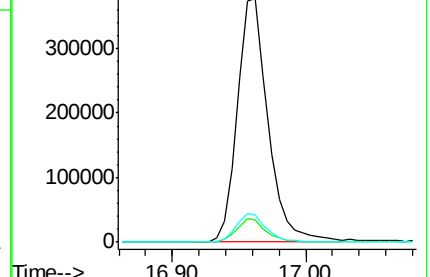
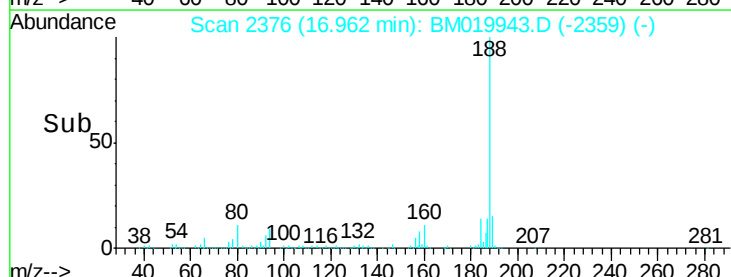
80 11.1 9.4 14.0

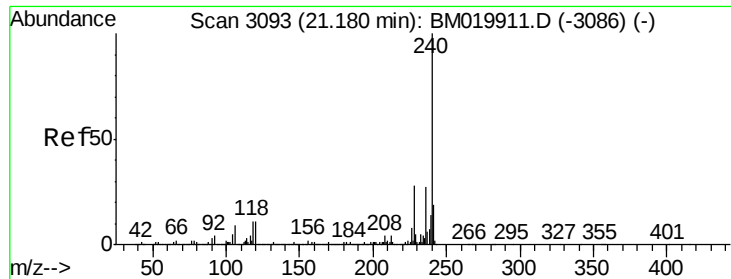


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

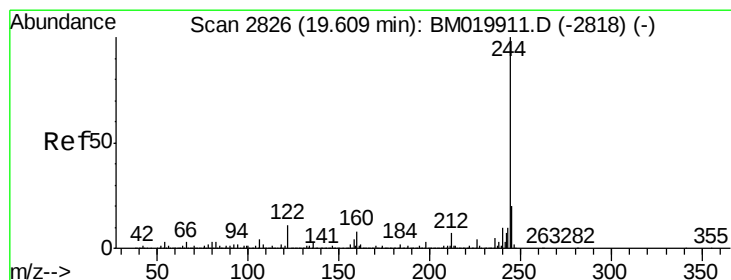
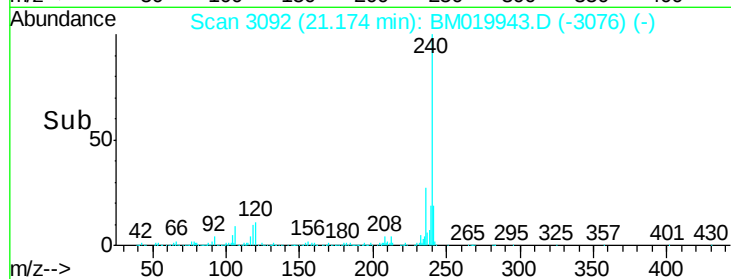
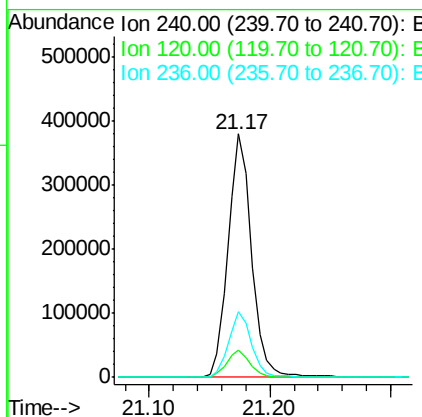
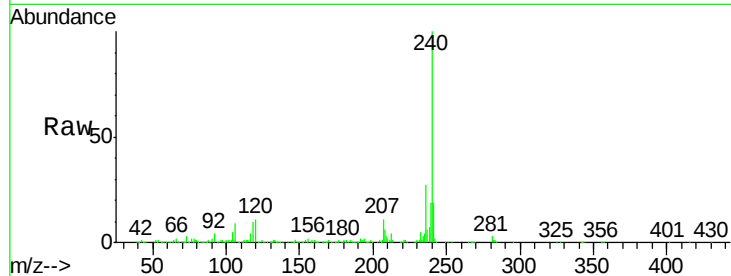




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.17 min Scan# 3092  
Delta R.T. -0.01 min  
Lab File: BM019943.D  
Acq: 17 Apr 2019 18:01

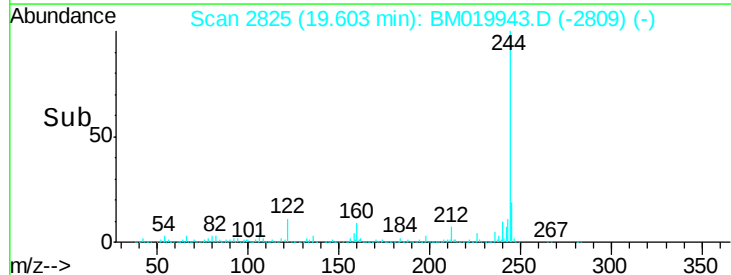
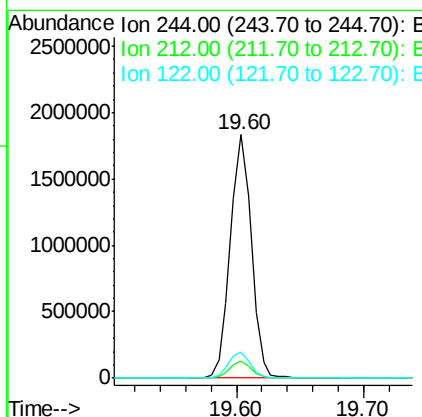
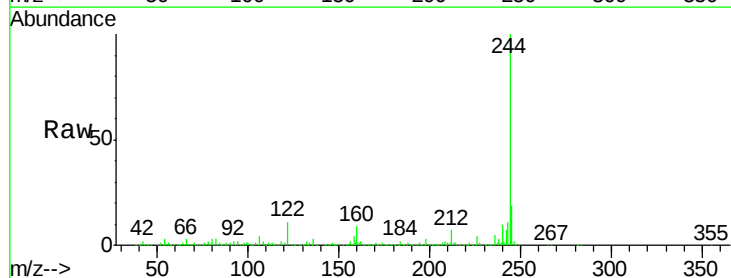
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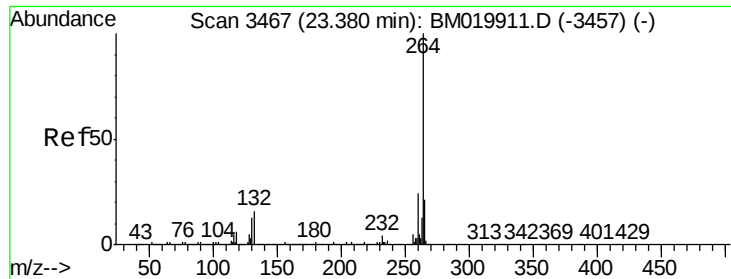
Tgt Ion:240 Resp: 515543  
Ion Ratio Lower Upper  
240 100  
120 11.1 8.6 13.0  
236 26.8 21.4 32.2



#79  
Terphenyl-d14  
Concen: 72.021 ng  
RT: 19.60 min Scan# 2825  
Delta R.T. -0.01 min  
Lab File: BM019943.D  
Acq: 17 Apr 2019 18:01

Tgt Ion:244 Resp: 2105080  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.7 8.5  
122 10.7 9.1 13.7

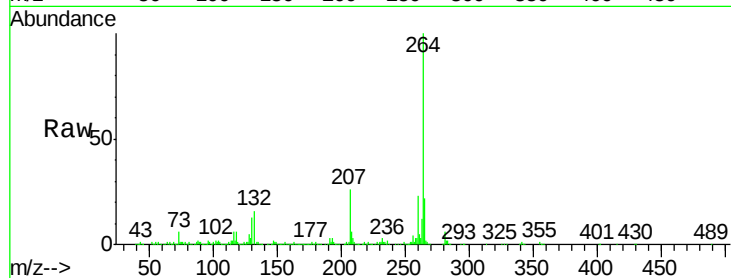




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.37 min Scan# 3465  
Delta R.T. -0.01 min  
Lab File: BM019943.D  
Acq: 17 Apr 2019 18:01

Instrument :  
BNA\_M  
ClientSampleId :  
TP4-B

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 19.2  | 28.8  |
| 265     | 22.4  | 17.2  | 25.8  |



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

