

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\  
 Data File : BM020112.D  
 Acq On : 03 May 2019 15:16  
 Operator : JU/SJ  
 Sample : K2668-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-2

Quant Time: May 03 23:54:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

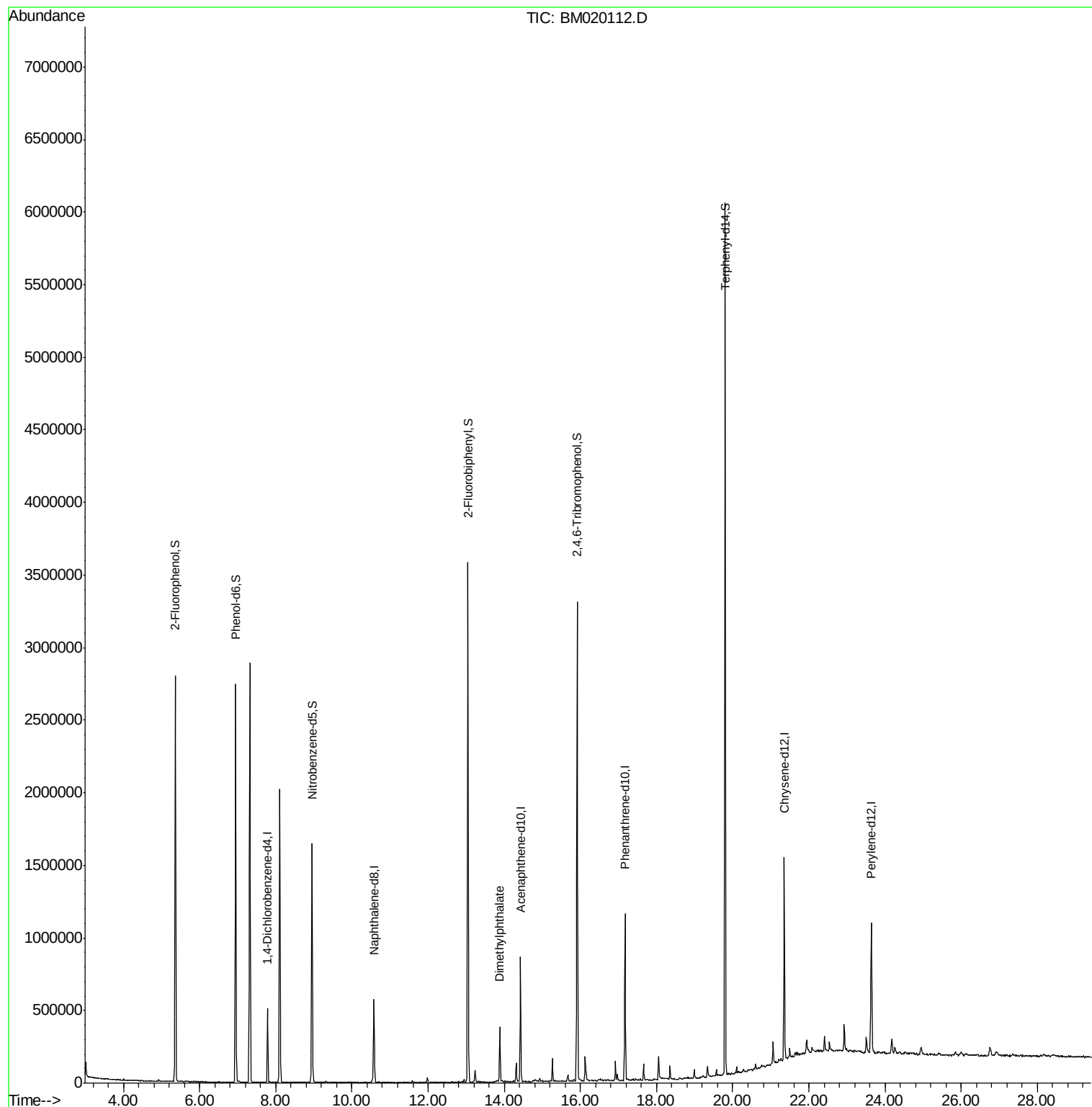
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.79  | 152  | 118189   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.58 | 136  | 427639   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.43 | 164  | 256554   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.17 | 188  | 624243   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.36 | 240  | 595187   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 23.64 | 264  | 693722   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.36  | 112  | 974220   | 134.74 | ng    | 0.00      |
| 7) Phenol-d6                | 6.95  | 99   | 1361696  | 137.85 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.95  | 82   | 982167   | 90.67  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.92 | 330  | 576846   | 144.86 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.05 | 172  | 1708997  | 81.96  | ng    | -0.01     |
| 79) Terphenyl-d14           | 19.80 | 244  | 2692858  | 78.92  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 13.89 | 163  | 202151   | 9.271  | ng    | Qvalue 99 |

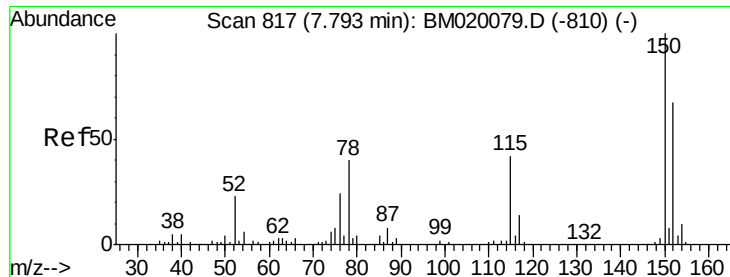
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 03:58:37 2019  
Response via : Initial Calibration

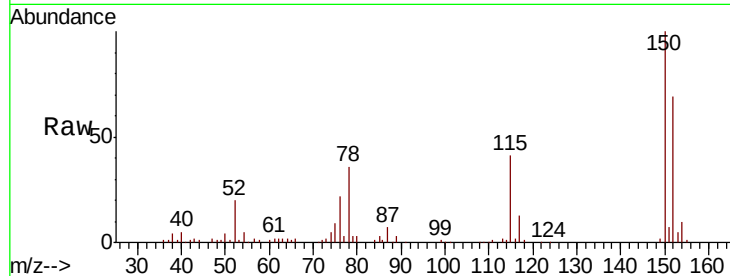




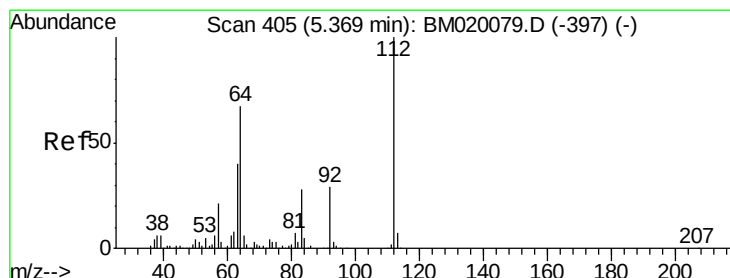
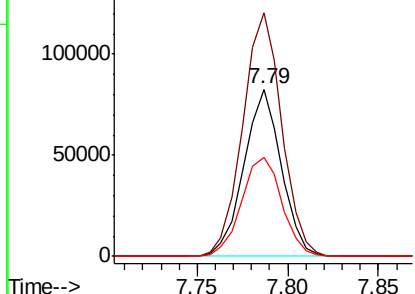
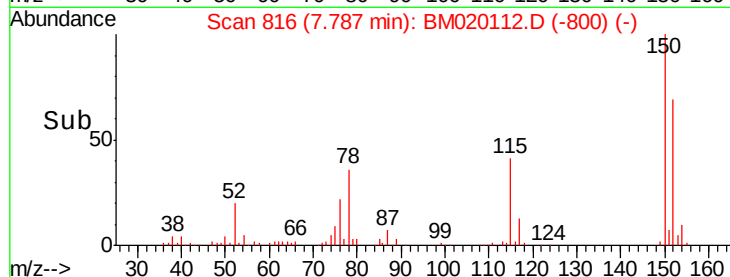
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.79 min Scan# 816  
 Delta R.T. -0.01 min  
 Lab File: BM020112.D  
 Acq: 03 May 2019 15:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-2

Tot Ion:152 Resp: 118189  
 Ion Ratio Lower Upper  
 152 100  
 150 145.8 119.8 179.8  
 115 59.6 50.8 76.2

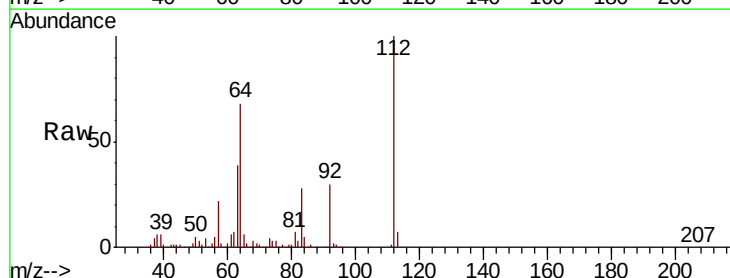


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

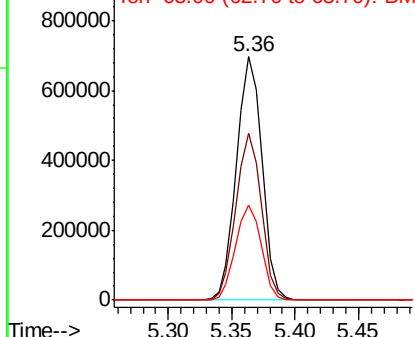
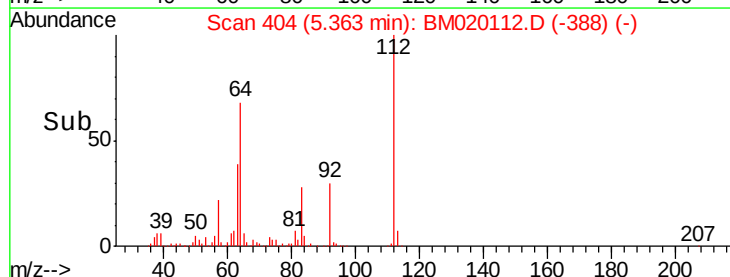


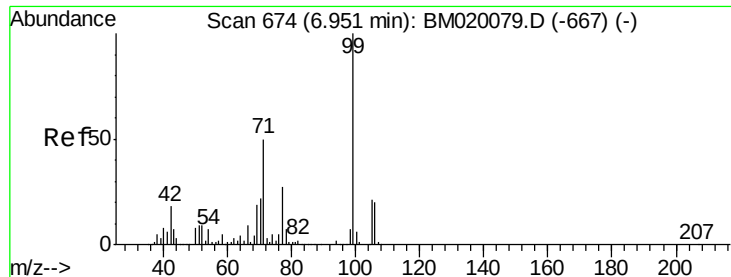
#5  
 2-Fluorophenol  
 Concen: 134.738 ng  
 RT: 5.36 min Scan# 404  
 Delta R.T. -0.01 min  
 Lab File: BM020112.D  
 Acq: 03 May 2019 15:16

Tgt Ion:112 Resp: 974220  
 Ion Ratio Lower Upper  
 112 100  
 64 68.3 53.8 80.6  
 63 39.0 32.3 48.5



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: 137.853 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020112.D

Acq: 03 May 2019 15:16

Instrument :

BNA\_M

ClientSampleId :

TP-2

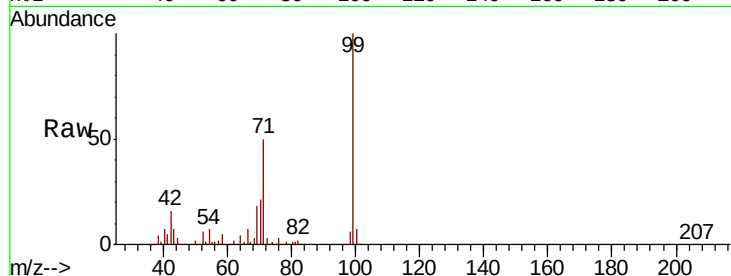
Tot Ion: 99 Resp: 1361696

Ion Ratio Lower Upper

99 100

42 15.9 14.2 21.2

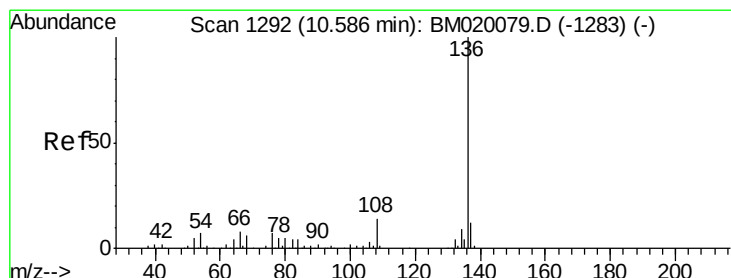
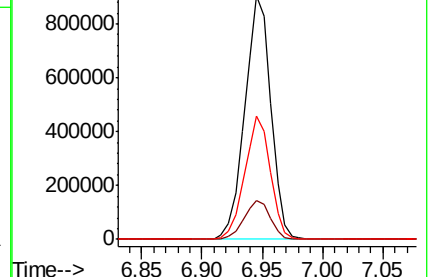
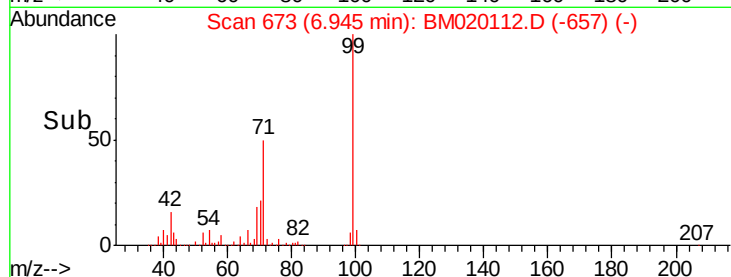
71 50.4 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020112.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020112.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020112.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020112.D

Acq: 03 May 2019 15:16

Tgt Ion: 136 Resp: 427639

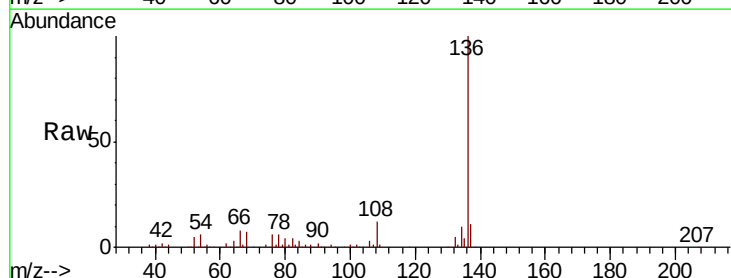
Ion Ratio Lower Upper

136 100

137 10.8 9.6 14.4

54 6.3 5.5 8.3

68 6.7 4.6 6.8

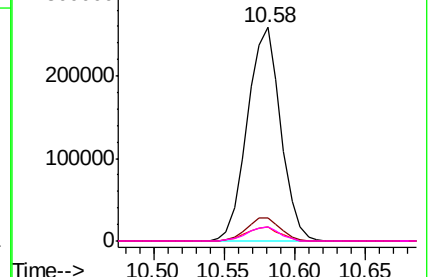
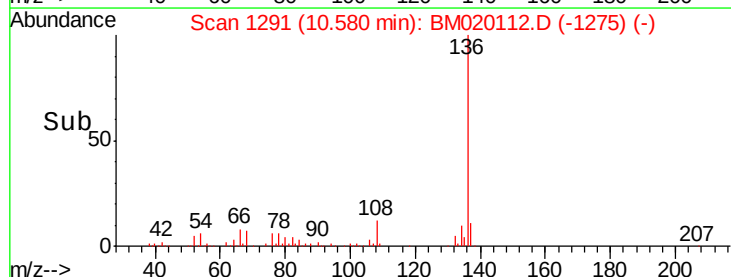


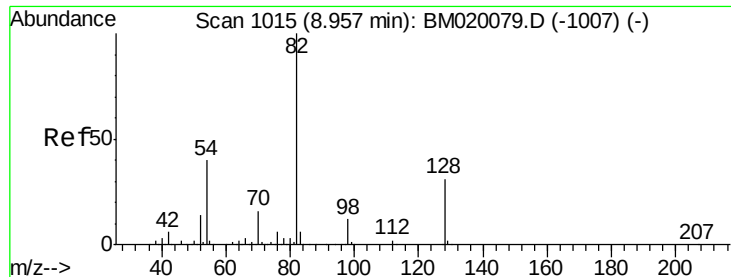
Abundance Ion 136.00 (135.70 to 136.70): BM020112.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020112.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020112.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020112.D (-1275) (-)

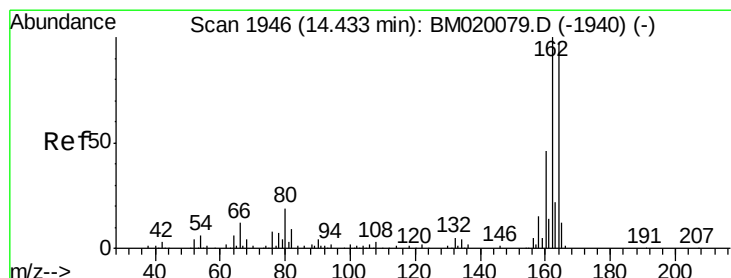
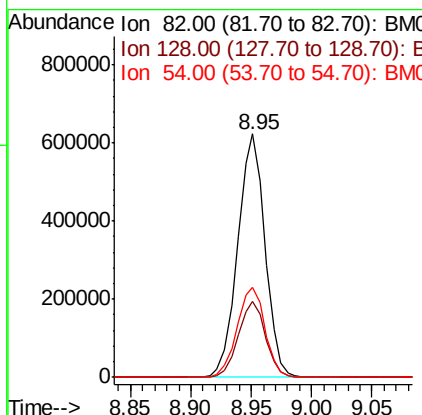
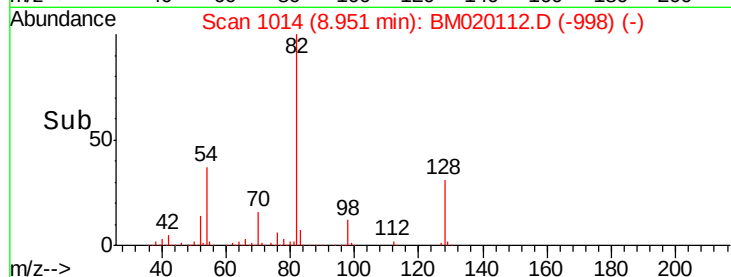
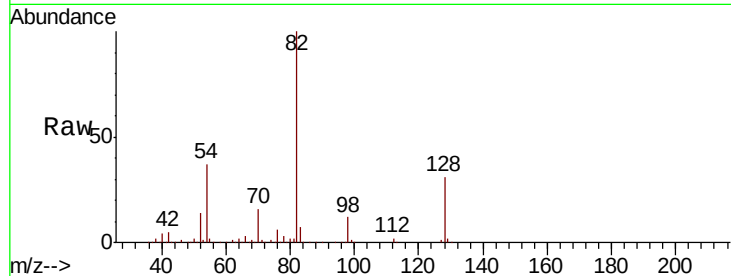




#23  
Nitrobenzene-d5  
Concen: 90.675 ng  
RT: 8.95 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BM020112.D  
Acq: 03 May 2019 15:16

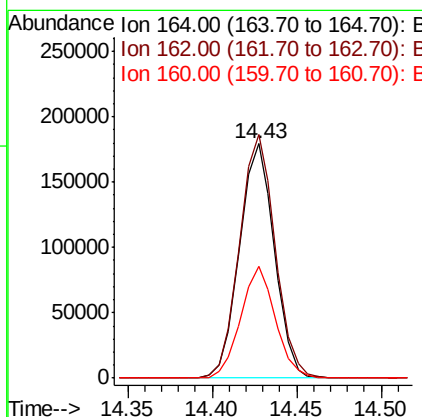
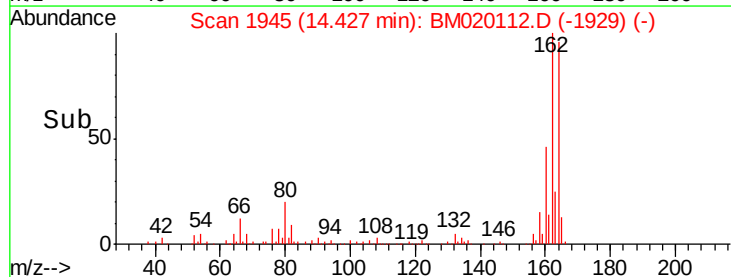
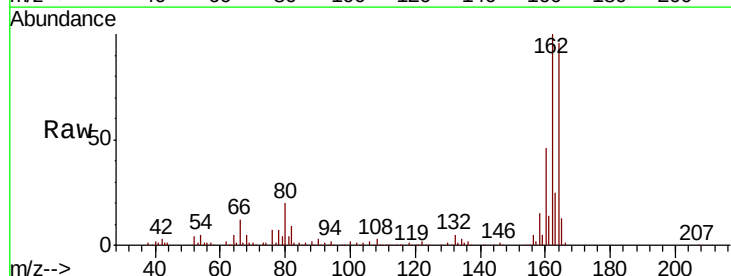
Instrument :  
BNA\_M  
ClientSampleId :  
TP-2

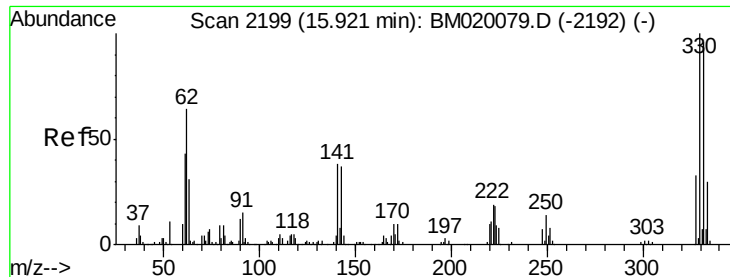
| Tot Ion   | 82   | Resp  | 982167 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 31.0 | 25.2  | 37.8   |
| 54        | 36.9 | 31.9  | 47.9   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.43 min Scan# 1945  
Delta R.T. -0.01 min  
Lab File: BM020112.D  
Acq: 03 May 2019 15:16

| Tgt Ion                                              | 164   | Resp  | 256554 |
|------------------------------------------------------|-------|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100   | Lower | Upper  |
| 162                                                  | 104.0 | 82.2  | 123.2  |
| 160                                                  | 47.6  | 37.6  | 56.4   |

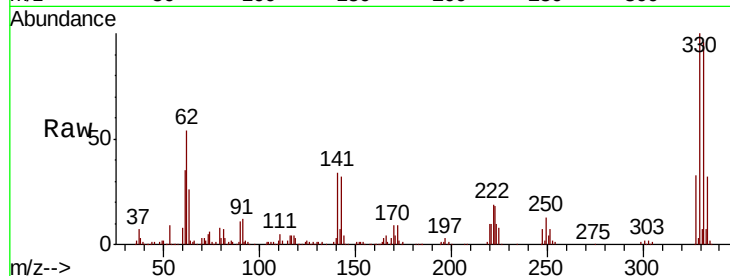




#42  
 2,4,6-Tribromophenol  
 Concen: 144.856 ng  
 RT: 15.92 min Scan# 2198  
 Delta R.T. -0.01 min  
 Lab File: BM020112.D  
 Acq: 03 May 2019 15:16

Instrument :  
 BNA\_M  
 ClientSampled :  
 TP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 76.8  | 115.2 |
| 141     | 34.0  | 29.2  | 43.8  |

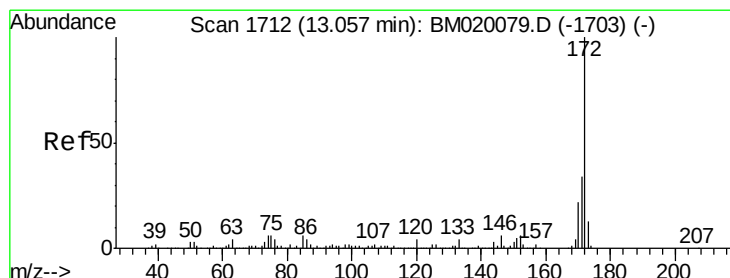
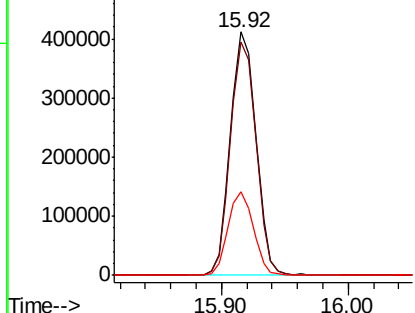
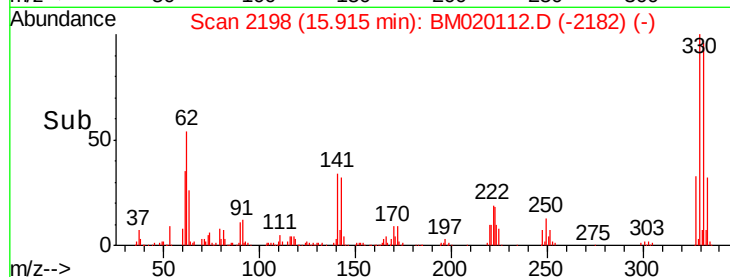


Abundance

Ion 329.80 (329.50 to 330.50): E

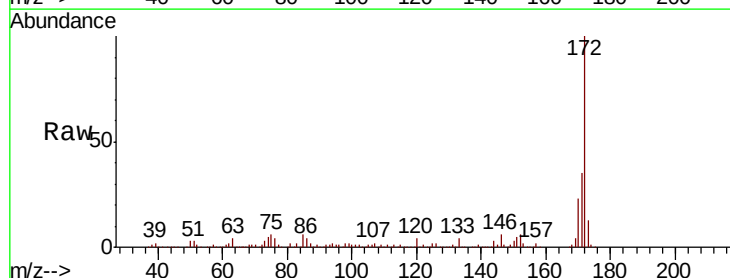
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 81.959 ng  
 RT: 13.05 min Scan# 1710  
 Delta R.T. -0.01 min  
 Lab File: BM020112.D  
 Acq: 03 May 2019 15:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.4  | 27.3  | 40.9  |
| 170     | 22.6  | 17.9  | 26.9  |

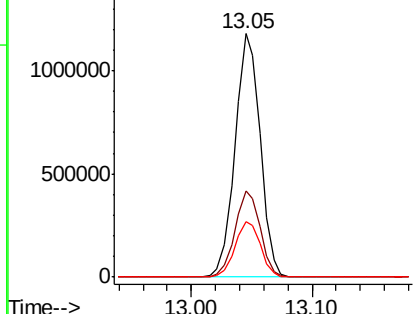
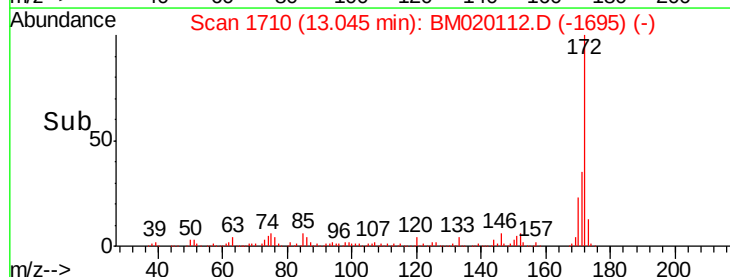


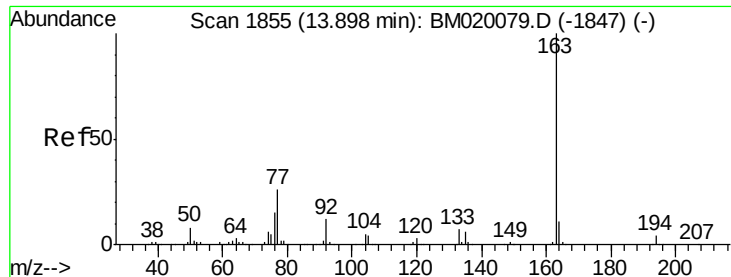
Abundance

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: 9.271 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020112.D

Acq: 03 May 2019 15:16

Instrument :

BNA\_M

ClientSampleId :

TP-2

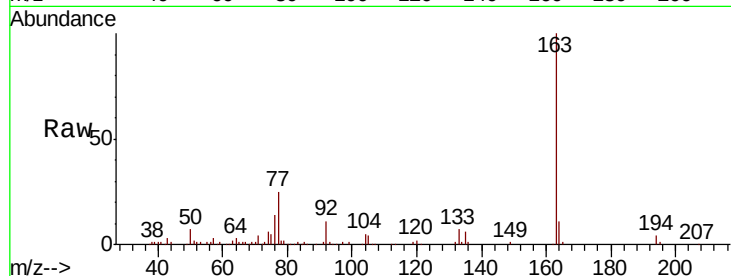
Tot Ion:163 Resp: 202151

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

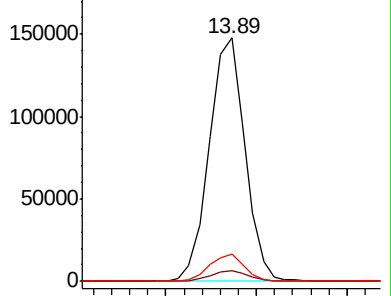
164 11.1 8.4 12.6



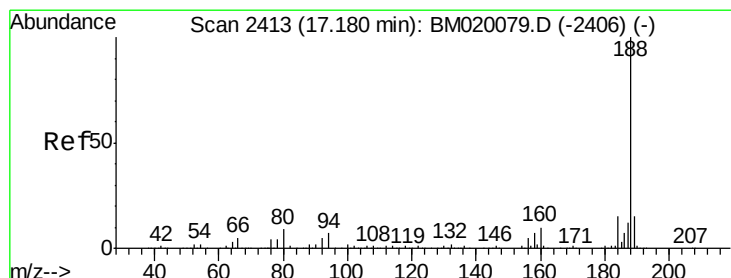
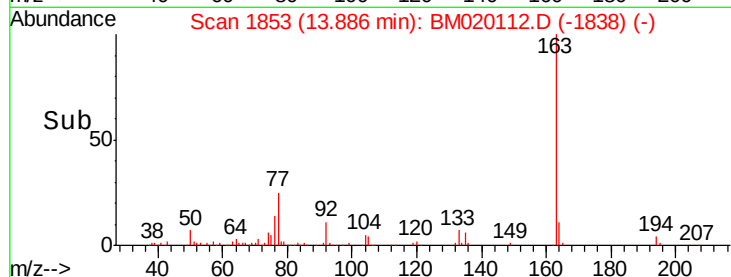
Abundance Ion 163.00 (162.70 to 163.70): E

200000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020112.D

Acq: 03 May 2019 15:16

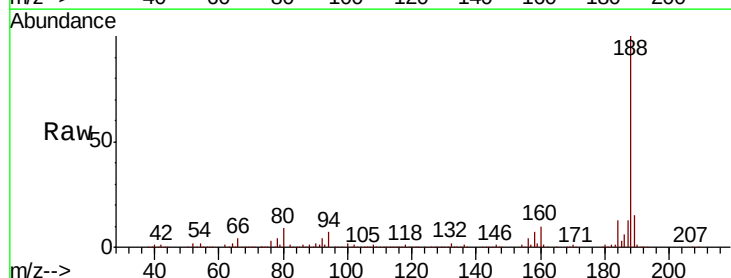
Tgt Ion:188 Resp: 624243

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

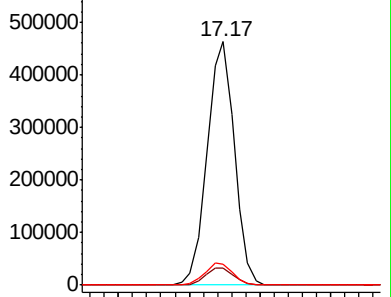
80 8.8 7.4 11.2



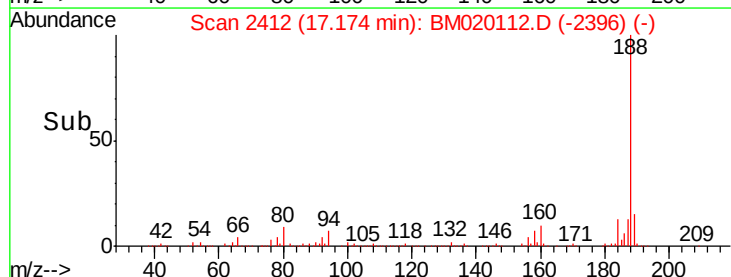
Abundance Ion 188.00 (187.70 to 188.70): E

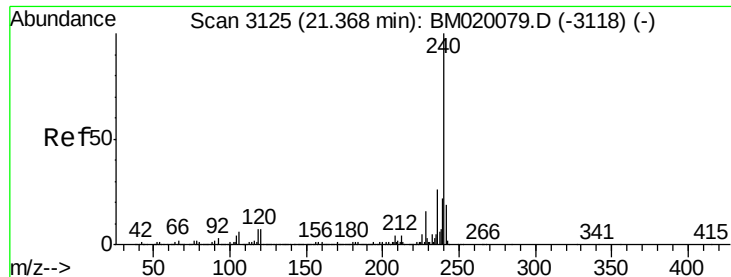
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->

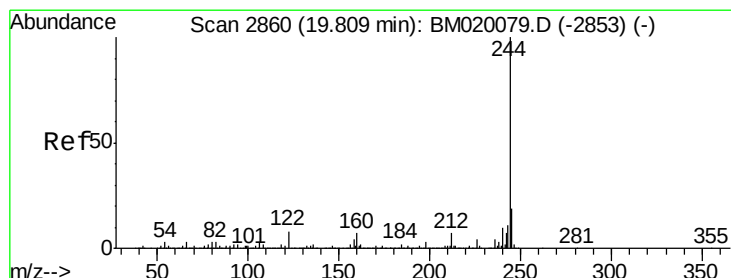
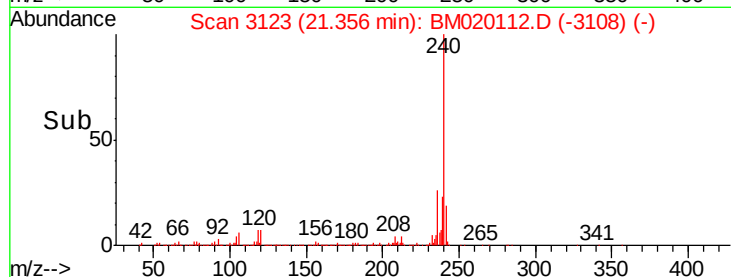
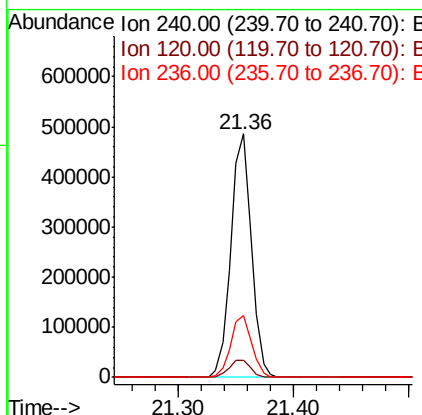
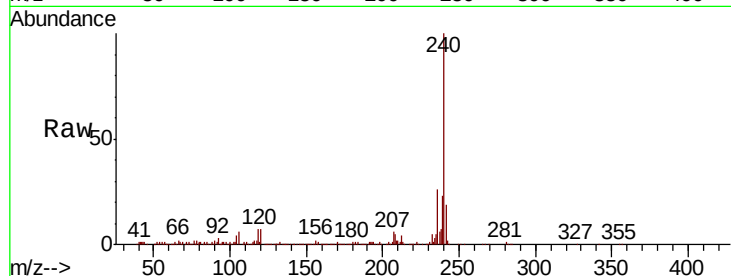




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.36 min Scan# 3123  
 Delta R.T. -0.01 min  
 Lab File: BM020112.D  
 Acq: 03 May 2019 15:16

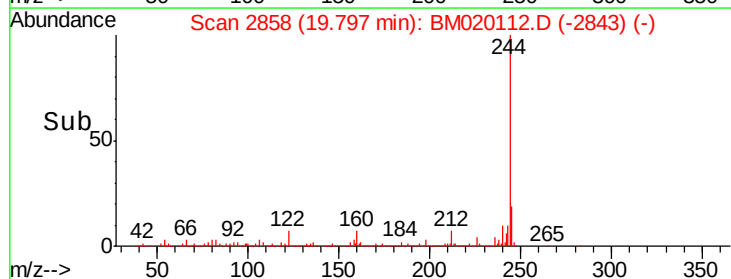
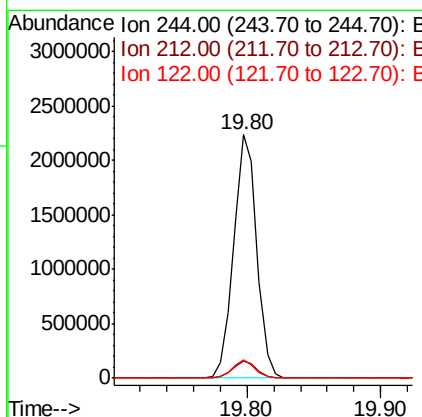
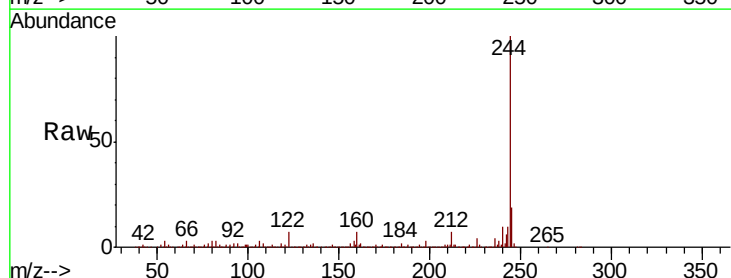
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-2

Tot Ion:240 Resp: 595187  
 Ion Ratio Lower Upper  
 240 100  
 120 6.8 5.6 8.4  
 236 25.6 20.9 31.3

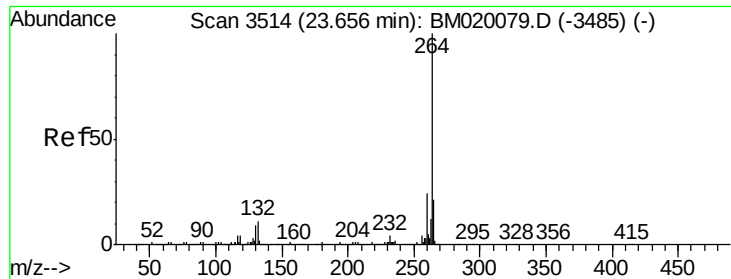


#79  
 Terphenyl-d14  
 Concen: 78.915 ng  
 RT: 19.80 min Scan# 2858  
 Delta R.T. -0.01 min  
 Lab File: BM020112.D  
 Acq: 03 May 2019 15:16

Tgt Ion:244 Resp: 2692858  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.7 8.5  
 122 7.4 6.2 9.2



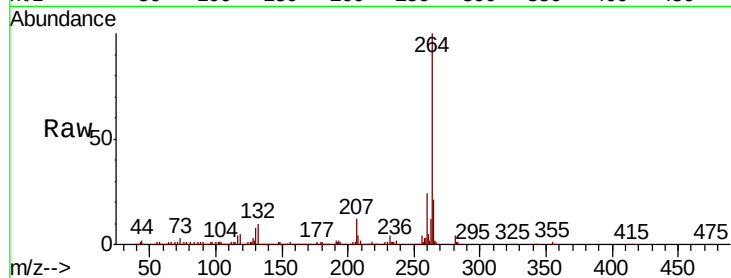




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.64 min Scan# 3512  
 Delta R.T. -0.01 min  
 Lab File: BM020112.D  
 Acq: 03 May 2019 15:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.2  | 28.8  |
| 265     | 21.2  | 16.9  | 25.3  |



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

