

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM031819\  
 Data File : BM019224.D  
 Acq On : 18 Mar 2019 20:17  
 Operator : JU/SJ  
 Sample : K1947-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PST-028-B100-031219

Quant Time: Mar 19 04:14:03 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

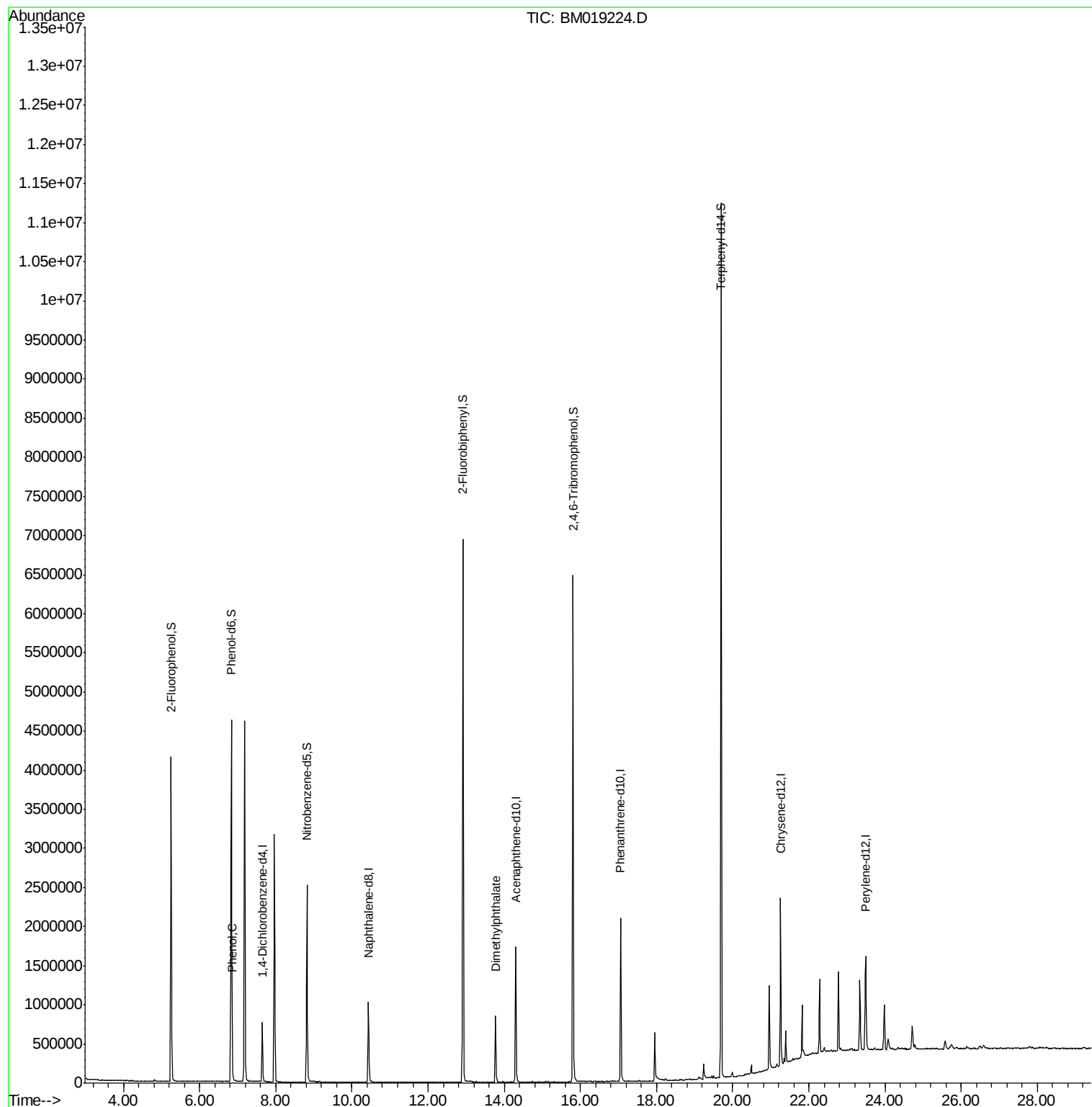
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 193619   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.43 | 136  | 859401   | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.30 | 164  | 551808   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.06 | 188  | 1182232  | 20.00  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.26 | 240  | 937466   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 23.49 | 264  | 869128   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.25  | 112  | 1745851  | 146.03 | ng    | 0.00     |
| 7) Phenol-d6                | 6.83  | 99   | 2680900  | 153.30 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.82  | 82   | 1643166  | 90.38  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.80 | 330  | 1200037  | 147.29 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.92 | 172  | 3399231  | 80.13  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.70 | 244  | 4795235  | 101.55 | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.86  | 94   | 40432    | 2.145  | ng    | 79       |
| 50) Dimethylphthalate       | 13.77 | 163  | 561393   | 11.893 | ng    | 99       |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM031819\  
Data File : BM019224.D  
Acq On : 18 Mar 2019 20:17  
Operator : JU/SJ  
Sample : K1947-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PST-028-B100-031219

Quant Time: Mar 19 04:14:03 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



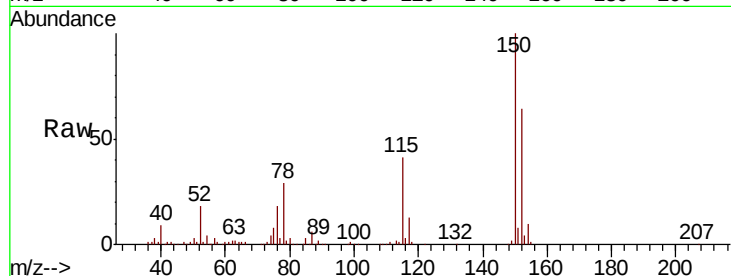


#1

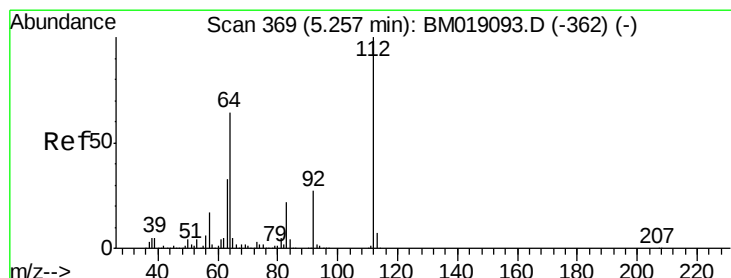
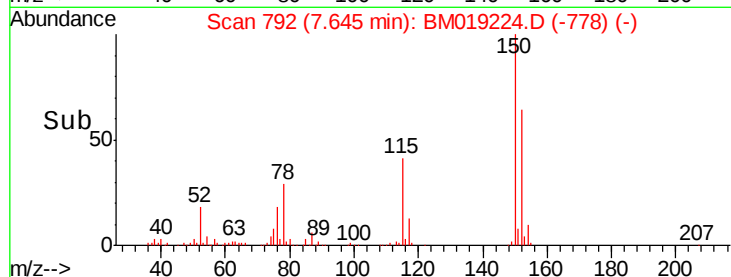
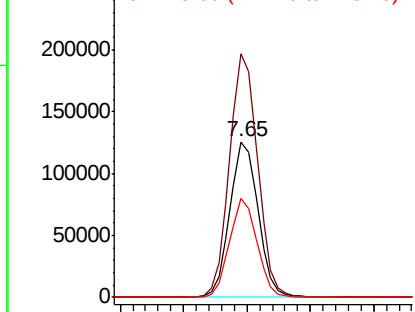
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.65 min Scan# 792  
Delta R.T. -0.02 min  
Lab File: BM019224.D  
Acq: 18 Mar 2019 20:17

Instrument :  
BNA\_M  
ClientSampleId :  
PST-028-B100-031219

Tgt Ion:152 Resp: 193619  
Ion Ratio Lower Upper  
152 100  
150 156.1 125.3 187.9  
115 63.8 49.4 74.0



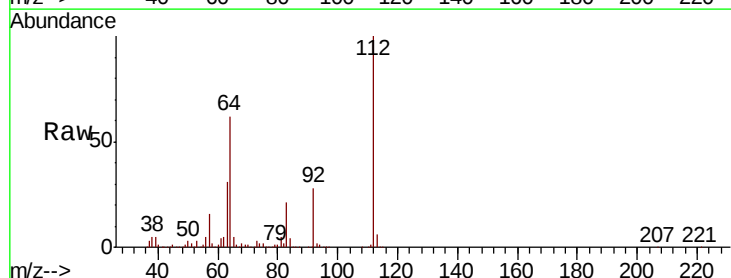
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



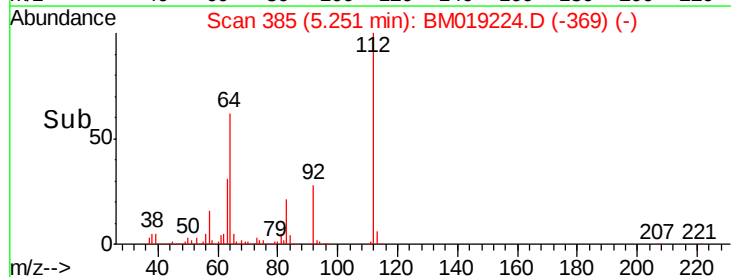
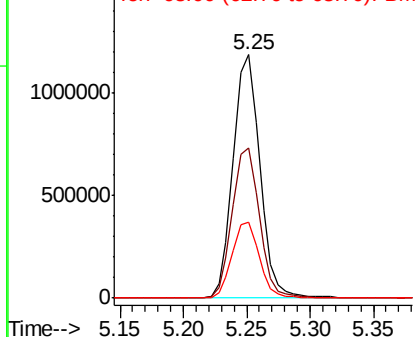
#5

2-Fluorophenol  
Concen: 146.027 ng  
RT: 5.25 min Scan# 385  
Delta R.T. -0.01 min  
Lab File: BM019224.D  
Acq: 18 Mar 2019 20:17

Tgt Ion:112 Resp: 1745851  
Ion Ratio Lower Upper  
112 100  
64 61.8 51.4 77.0  
63 31.2 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: 153.303 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019224.D

Acq: 18 Mar 2019 20:17

Instrument :

BNA\_M

ClientSampleId :

PST-028-B100-031219

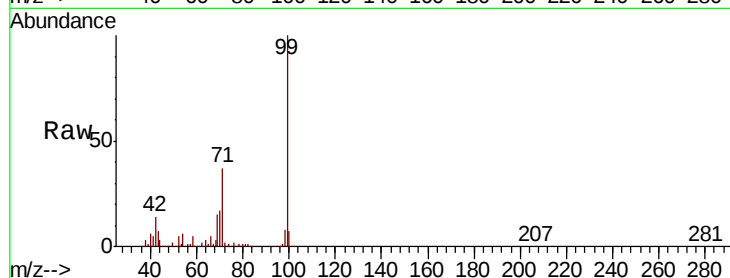
Tgt Ion: 99 Resp: 2680900

Ion Ratio Lower Upper

99 100

42 13.5 10.9 16.3

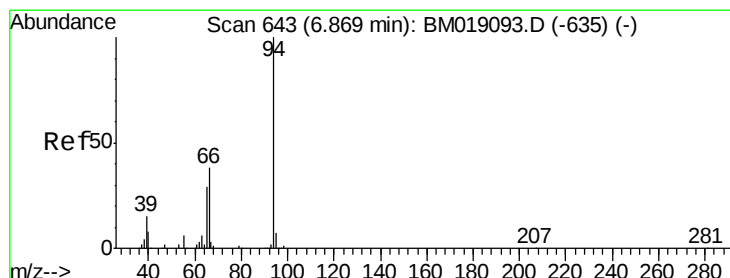
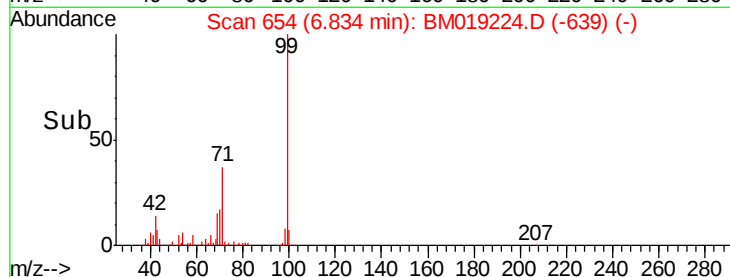
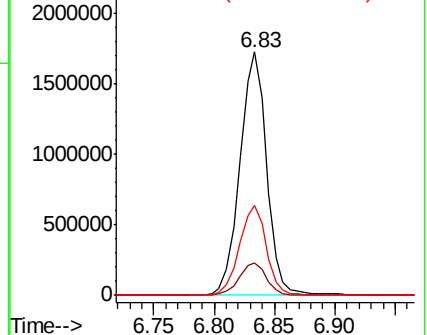
71 36.8 30.3 45.5



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) (-)



#10

Phenol

Concen: 2.145 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM019224.D

Acq: 18 Mar 2019 20:17

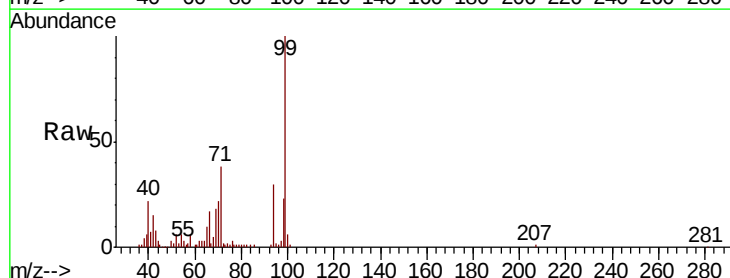
Tgt Ion: 94 Resp: 40432

Ion Ratio Lower Upper

94 100

65 33.7 9.7 49.7

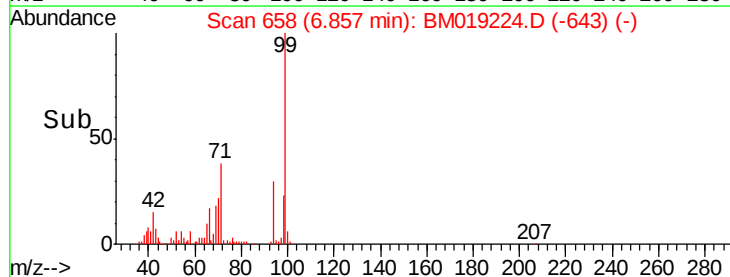
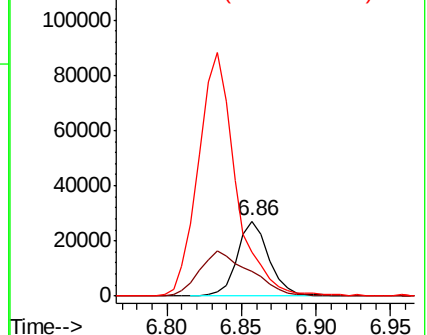
66 58.0 19.2 59.2

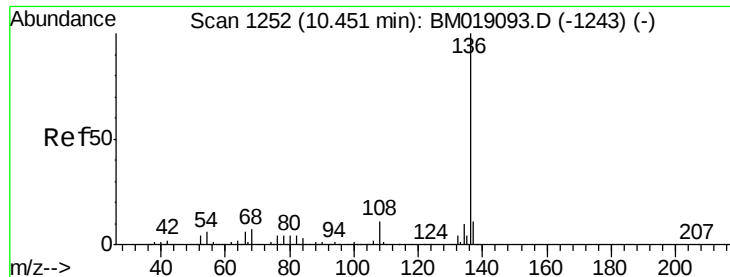


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

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

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

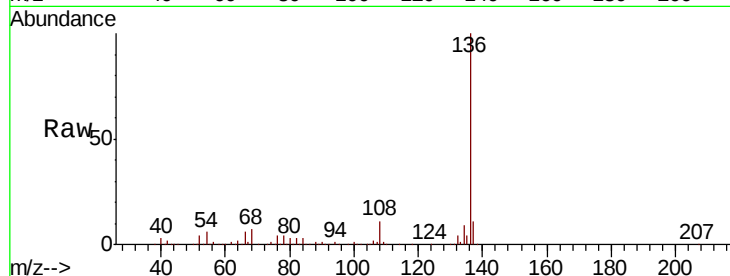




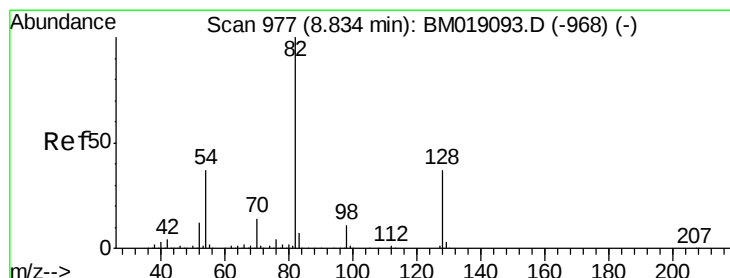
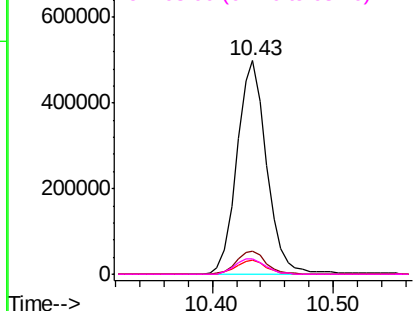
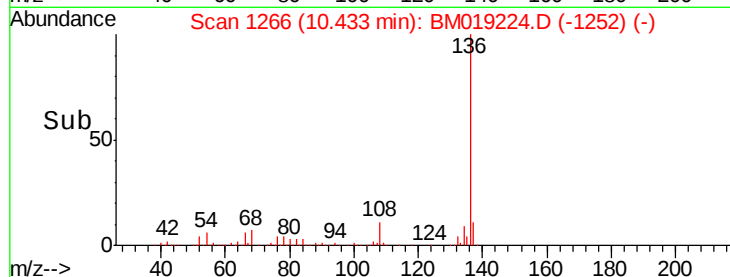
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.43 min Scan# 1266  
Delta R.T. -0.02 min  
Lab File: BM019224.D  
Acq: 18 Mar 2019 20:17

Instrument :  
BNA\_M  
ClientSampleId :  
PST-028-B100-031219

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 859401 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 13.0   |
| 54       | 6.5   | 5.2   | 7.8    |
| 68       | 7.2   | 5.8   | 8.8    |

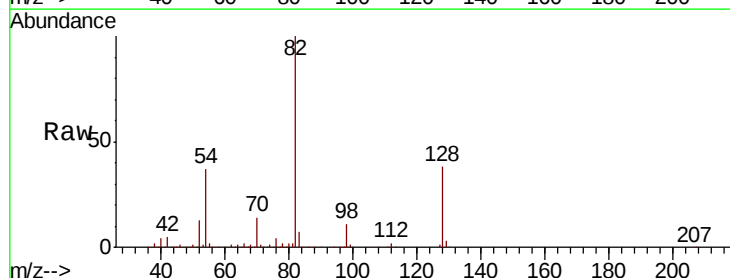


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

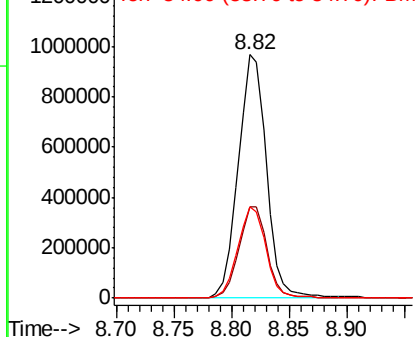
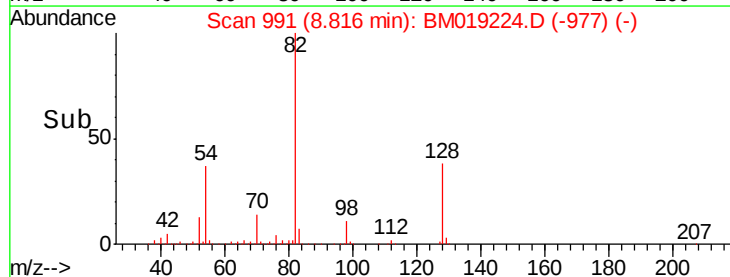


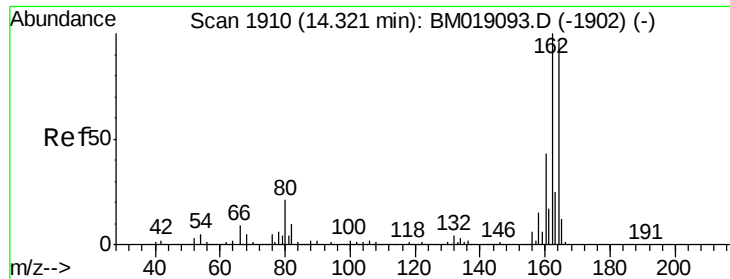
#23  
Nitrobenzene-d5  
Concen: 90.380 ng  
RT: 8.82 min Scan# 991  
Delta R.T. -0.02 min  
Lab File: BM019224.D  
Acq: 18 Mar 2019 20:17

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1643166 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 37.6  | 29.4  | 44.2    |
| 54       | 37.3  | 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

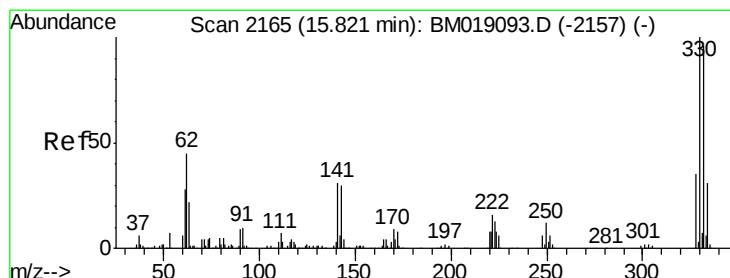
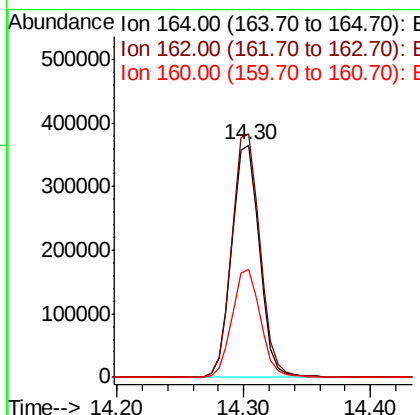
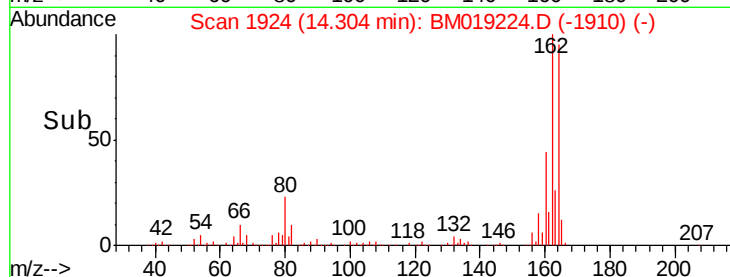
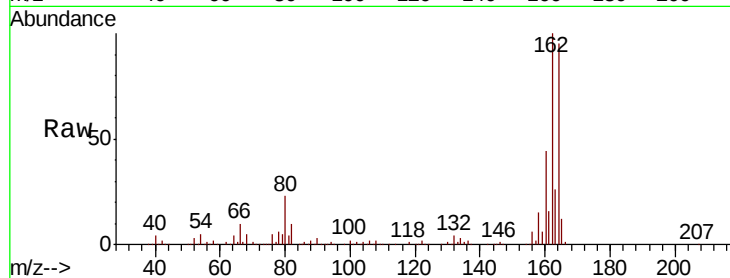




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.30 min Scan# 1924  
Delta R.T. -0.02 min  
Lab File: BM019224.D  
Acq: 18 Mar 2019 20:17

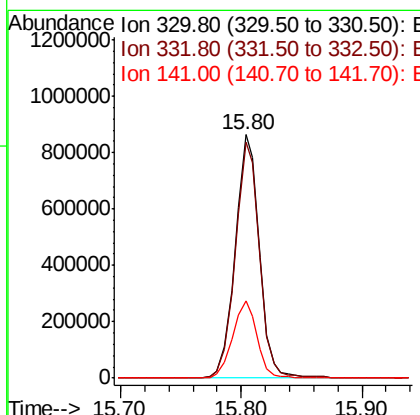
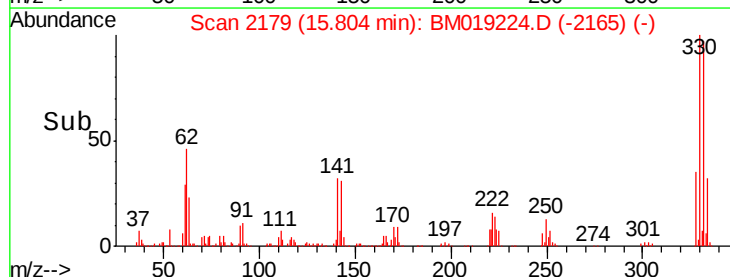
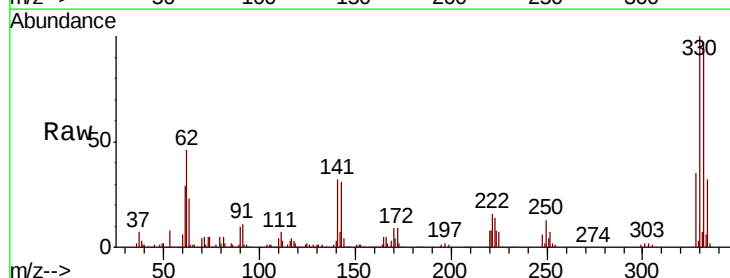
Instrument :  
BNA\_M  
ClientSampleId :  
PST-028-B100-031219

Tgt Ion:164 Resp: 551808  
Ion Ratio Lower Upper  
164 100  
162 104.8 83.5 125.3  
160 46.4 36.3 54.5



#42  
2,4,6-Tribromophenol  
Concen: 147.293 ng  
RT: 15.80 min Scan# 2179  
Delta R.T. -0.02 min  
Lab File: BM019224.D  
Acq: 18 Mar 2019 20:17

Tgt Ion:330 Resp: 1200037  
Ion Ratio Lower Upper  
330 100  
332 97.2 76.8 115.2  
141 32.3 27.0 40.4

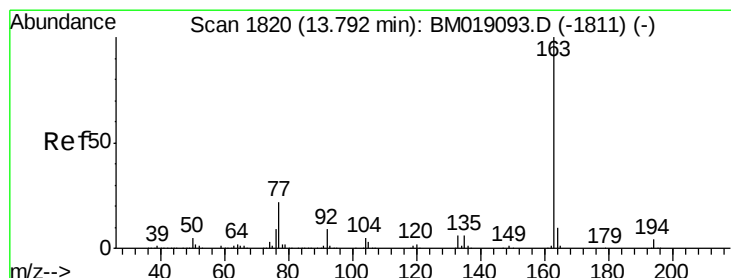
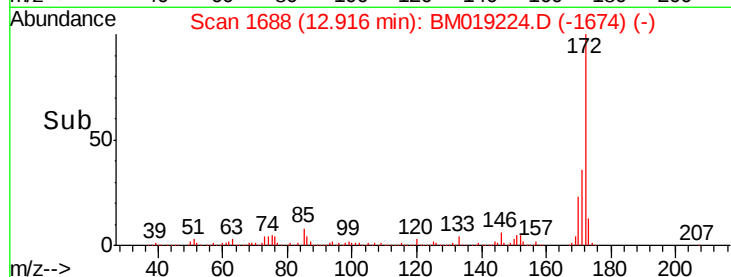
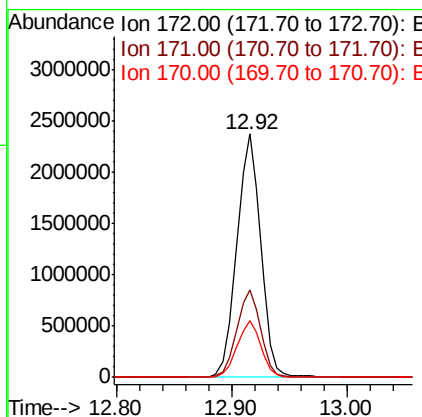
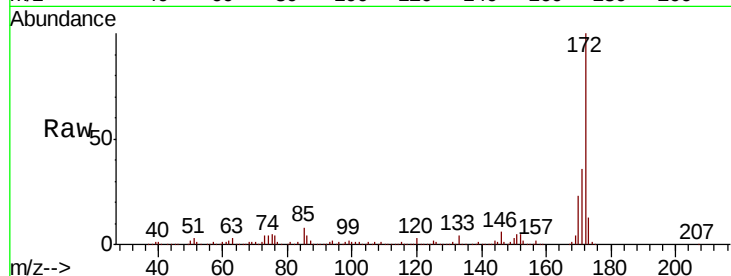




#45  
 2-Fluorobiphenyl  
 Concen: 80.129 ng  
 RT: 12.92 min Scan# 1688  
 Delta R.T. -0.02 min  
 Lab File: BM019224.D  
 Acq: 18 Mar 2019 20:17

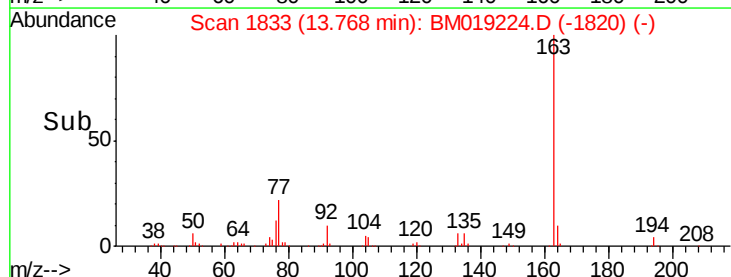
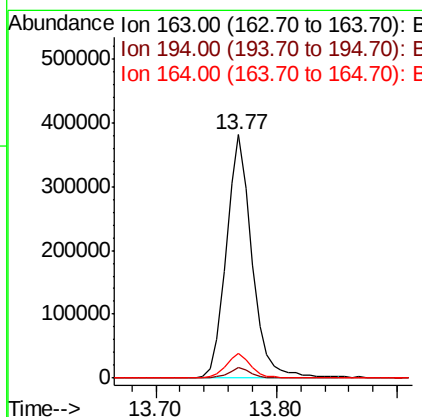
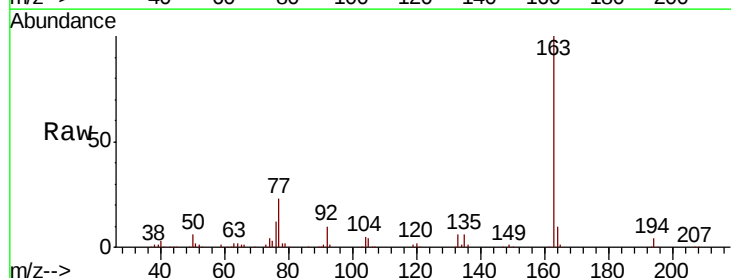
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PST-028-B100-031219

Tgt Ion:172 Resp: 3399231  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 28.6 42.8  
 170 23.2 18.6 28.0



#50  
 Dimethylphthalate  
 Concen: 11.893 ng  
 RT: 13.77 min Scan# 1833  
 Delta R.T. -0.02 min  
 Lab File: BM019224.D  
 Acq: 18 Mar 2019 20:17

Tgt Ion:163 Resp: 561393  
 Ion Ratio Lower Upper  
 163 100  
 194 4.1 3.3 4.9  
 164 10.1 7.7 11.5

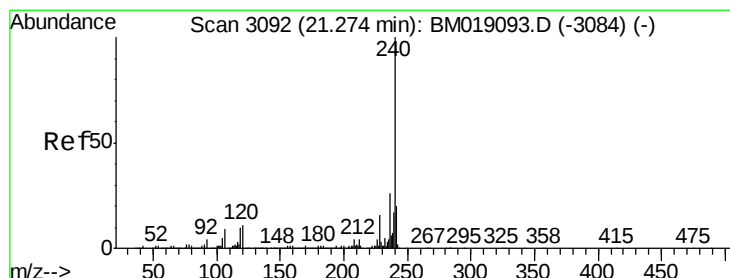
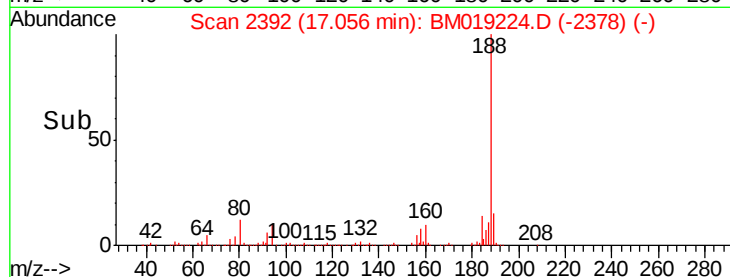
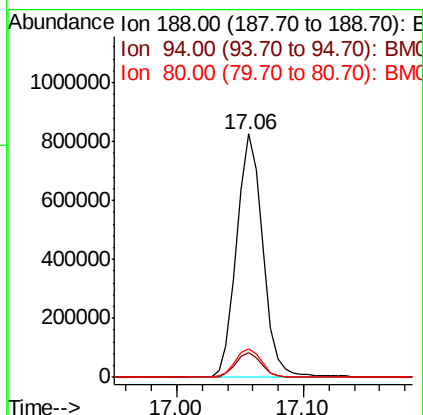
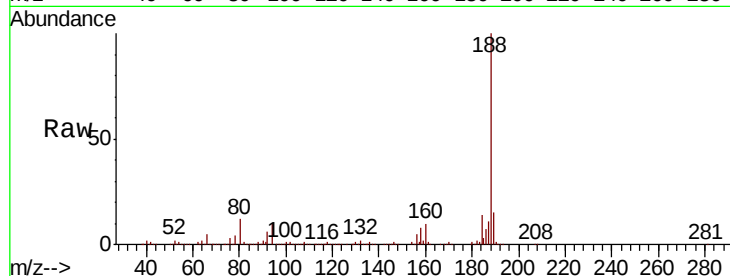




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.06 min Scan# 2392  
Delta R.T. -0.02 min  
Lab File: BM019224.D  
Acq: 18 Mar 2019 20:17

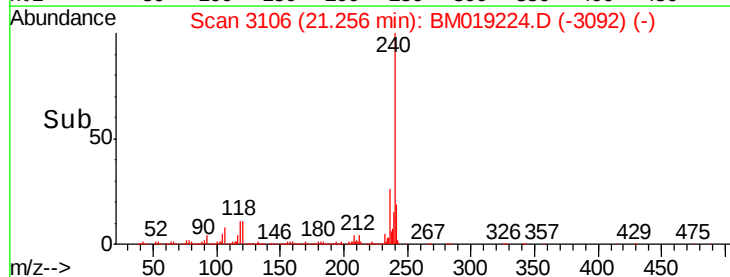
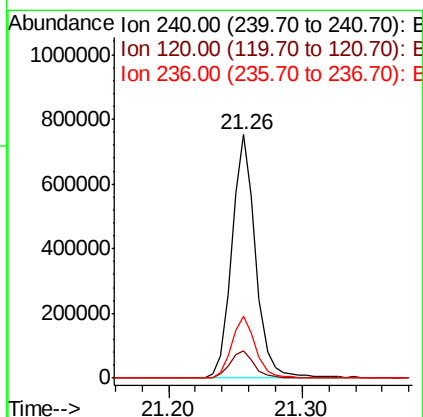
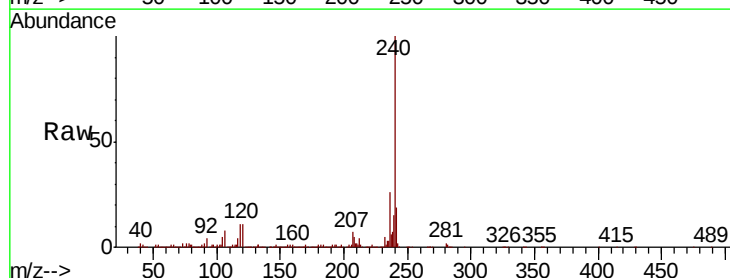
Instrument :  
BNA\_M  
ClientSampleId :  
PST-028-B100-031219

Tgt Ion:188 Resp: 1182232  
Ion Ratio Lower Upper  
188 100  
94 10.1 8.1 12.1  
80 12.0 9.7 14.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.26 min Scan# 3106  
Delta R.T. -0.02 min  
Lab File: BM019224.D  
Acq: 18 Mar 2019 20:17

Tgt Ion:240 Resp: 937466  
Ion Ratio Lower Upper  
240 100  
120 11.2 8.9 13.3  
236 25.6 21.0 31.4

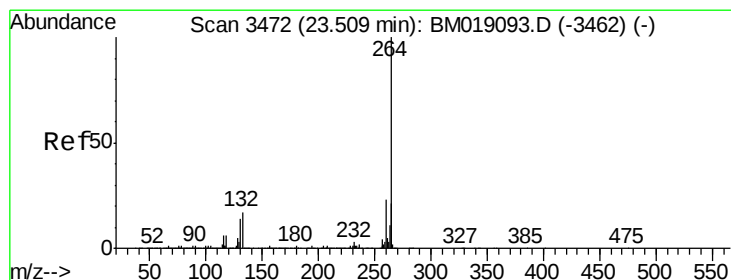
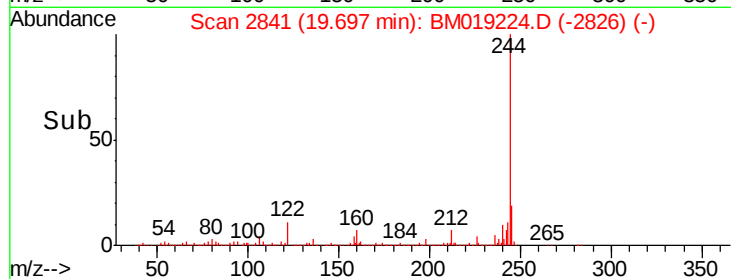
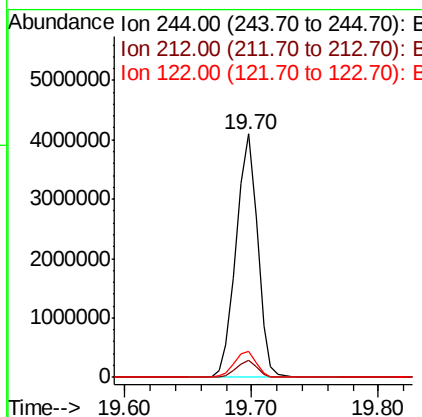
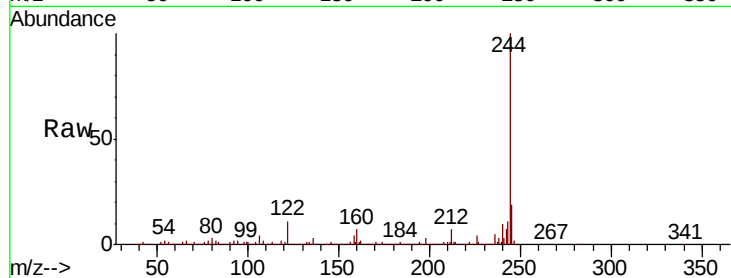




#79  
 Terphenyl-d14  
 Concen: 101.546 ng  
 RT: 19.70 min Scan# 2841  
 Delta R.T. -0.01 min  
 Lab File: BM019224.D  
 Acq: 18 Mar 2019 20:17

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PST-028-B100-031219

Tgt Ion:244 Resp: 4795235  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.2  
 122 10.9 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: BM019224.D  
 Acq: 18 Mar 2019 20:17

Tgt Ion:264 Resp: 869128  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.6 28.0  
 265 21.6 17.3 25.9

