

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\  
 Data File : BM018973.D  
 Acq On : 28 Feb 2019 17:26  
 Operator : JU/SJ  
 Sample : K1638-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PE-3(WEST-SITE-WALL)

Quant Time: Mar 01 01:30:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 11 16:02:12 2019  
 Response via : Initial Calibration

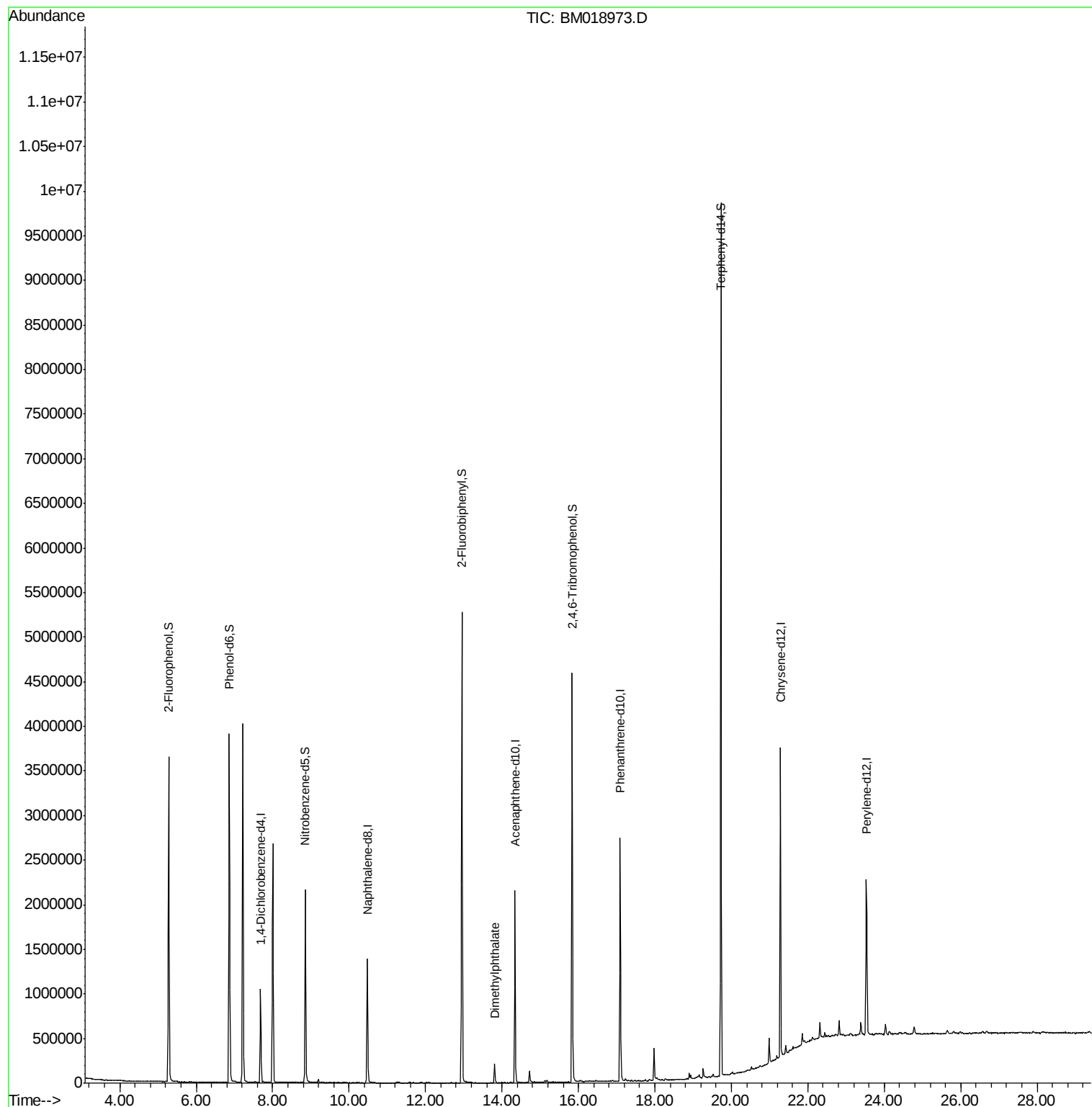
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.69  | 152  | 267200   | 20.00 | ng    | -0.03     |
| 21) Naphthalene-d8          | 10.47 | 136  | 1156244  | 20.00 | ng    | -0.03     |
| 39) Acenaphthene-d10        | 14.34 | 164  | 661358   | 20.00 | ng    | -0.02     |
| 64) Phenanthrene-d10        | 17.09 | 188  | 1499992  | 20.00 | ng    | -0.02     |
| 76) Chrysene-d12            | 21.29 | 240  | 1414705  | 20.00 | ng    | -0.02     |
| 87) Perylene-d12            | 23.53 | 264  | 1246795  | 20.00 | ng    | -0.04     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.28  | 112  | 1524124  | 93.46 | ng    | -0.02     |
| 7) Phenol-d6                | 6.86  | 99   | 2238306  | 97.43 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 8.86  | 82   | 1421368  | 56.84 | ng    | -0.03     |
| 42) 2,4,6-Tribromophenol    | 15.84 | 330  | 870019   | 91.26 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 12.95 | 172  | 2633068  | 52.85 | ng    | -0.03     |
| 79) Terphenyl-d14           | 19.73 | 244  | 3949838  | 57.60 | ng    | -0.02     |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 13.80 | 163  | 142724   | 2.589 | ng    | Qvalue 99 |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\  
Data File : BM018973.D  
Acq On : 28 Feb 2019 17:26  
Operator : JU/SJ  
Sample : K1638-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PE-3(WEST-SITE-WALL)

Quant Time: Mar 01 01:30:37 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 11 16:02:12 2019  
Response via : Initial Calibration



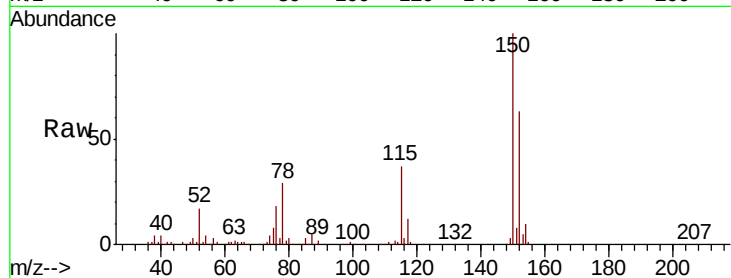


#1

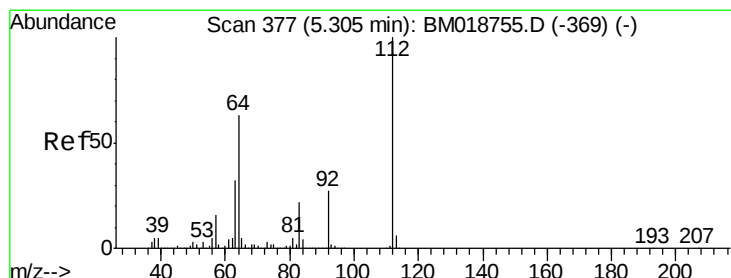
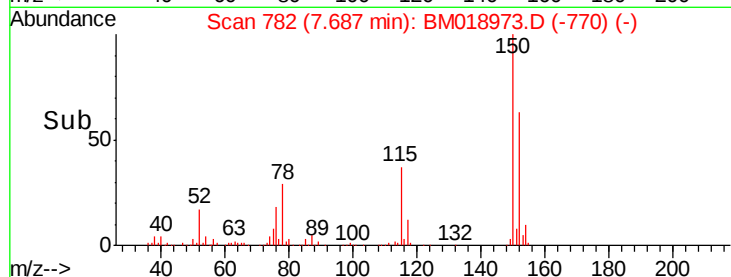
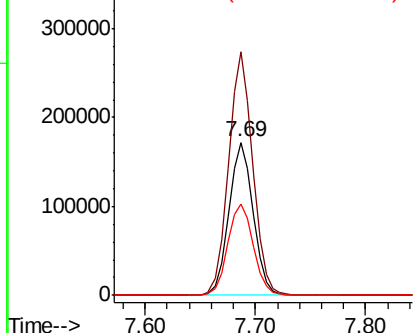
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.69 min Scan# 782  
Delta R.T. -0.03 min  
Lab File: BM018973.D  
Acq: 28 Feb 2019 17:26

Instrument :  
BNA\_M  
ClientSampleId :  
PE-3(WEST-SITE-WALL)

Tot Ion:152 Resp: 267200  
Ion Ratio Lower Upper  
152 100  
150 158.9 127.3 190.9  
115 59.3 50.8 76.2



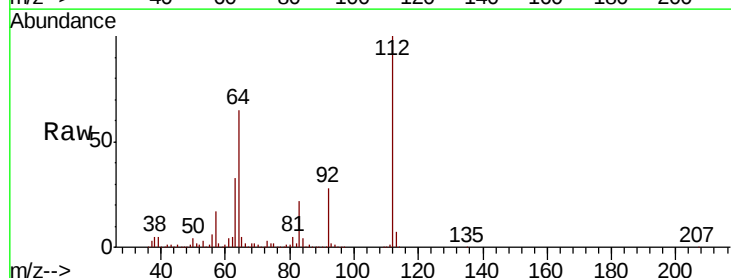
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



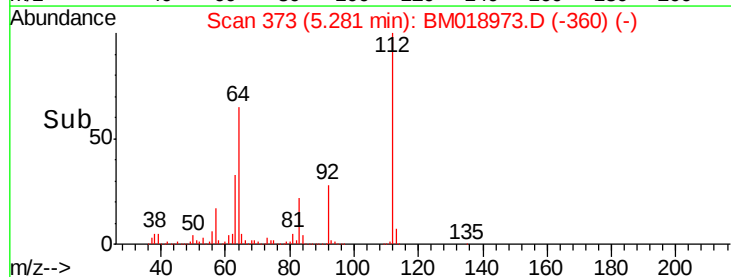
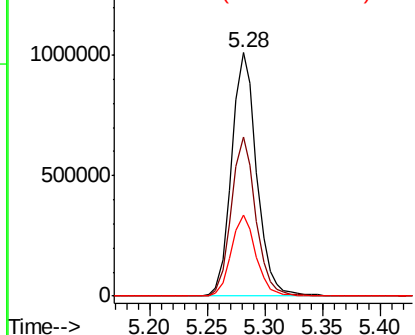
#5

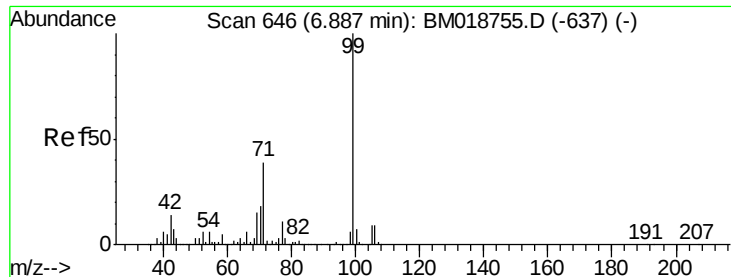
2-Fluorophenol  
Concen: 93.459 ng  
RT: 5.28 min Scan# 373  
Delta R.T. -0.02 min  
Lab File: BM018973.D  
Acq: 28 Feb 2019 17:26

Tgt Ion:112 Resp: 1524124  
Ion Ratio Lower Upper  
112 100  
64 65.1 50.6 75.8  
63 33.0 25.7 38.5



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: 97.429 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018973.D

Acq: 28 Feb 2019 17:26

Instrument :

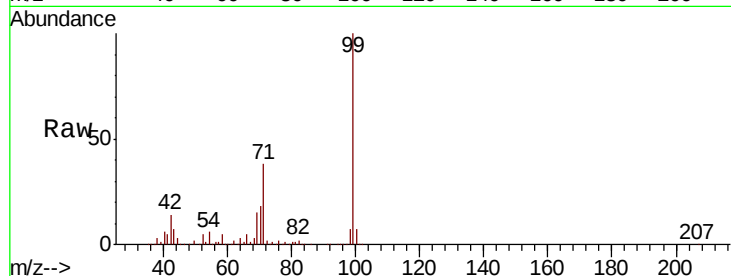
BNA\_M

ClientSampleId :

PE-3(WEST-SITE-WALL)

Tot Ion: 99 Resp: 2238306

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.1  | 11.0  | 16.6  |
| 71  | 38.1  | 31.3  | 46.9  |

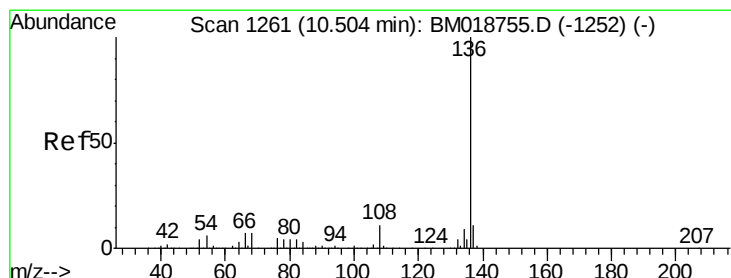
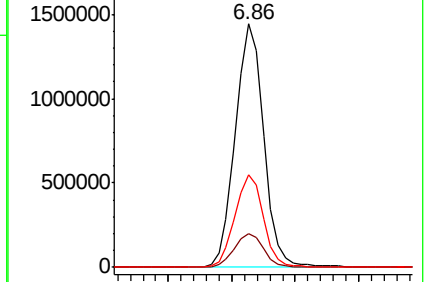
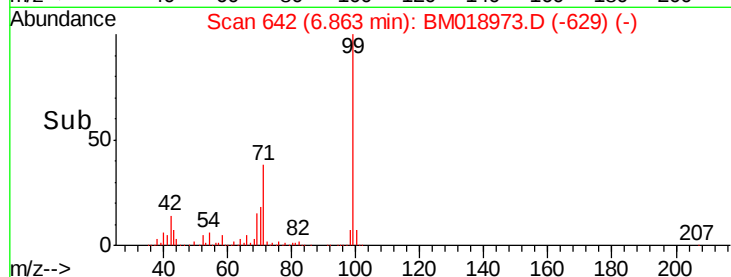


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1256

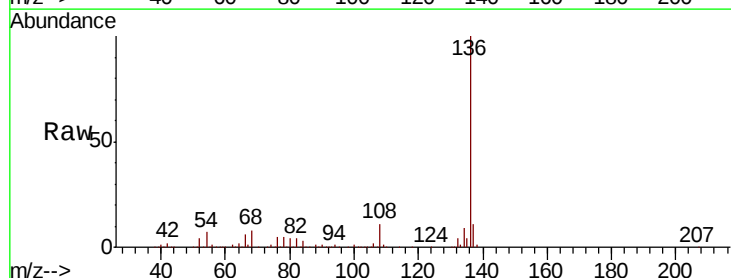
Delta R.T. -0.03 min

Lab File: BM018973.D

Acq: 28 Feb 2019 17:26

Tgt Ion: 136 Resp: 1156244

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.8   | 13.2  |
| 54  | 6.9   | 5.0   | 7.6   |
| 68  | 7.7   | 5.5   | 8.3   |



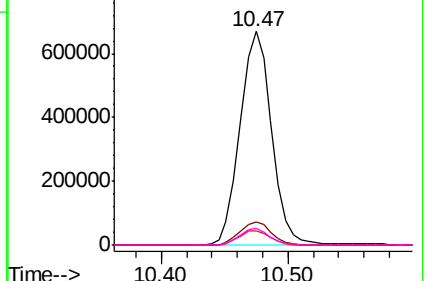
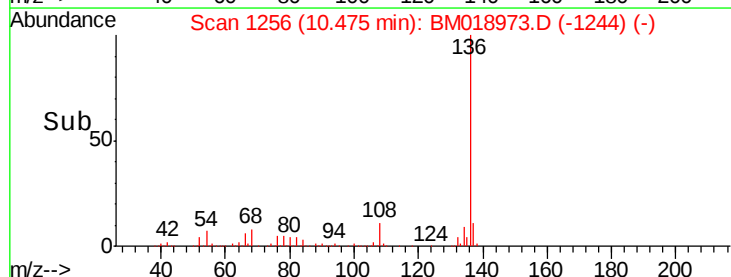
Abundance

Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

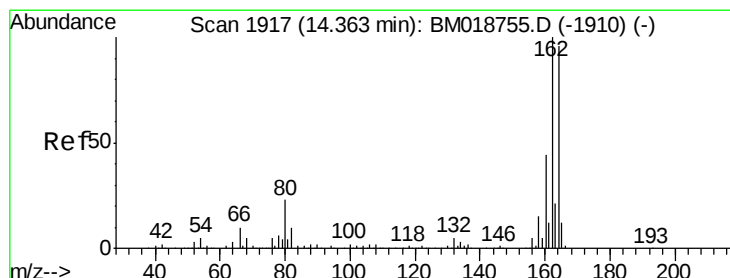
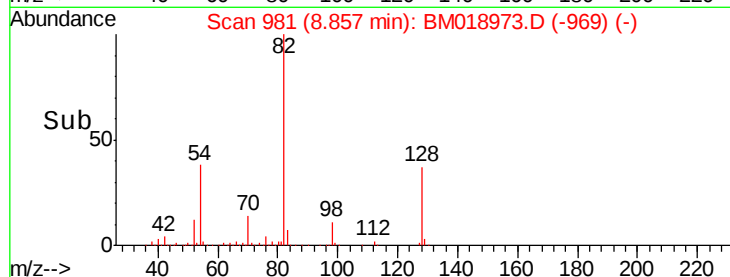
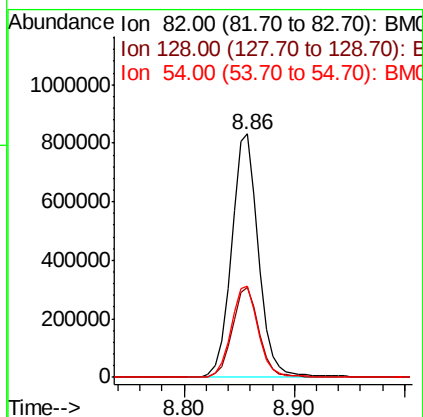
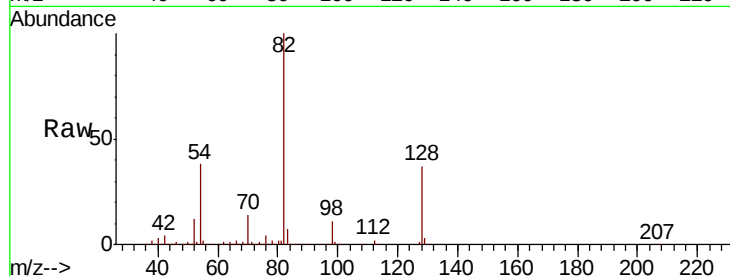




#23  
Nitrobenzene-d5  
Concen: 56.841 ng  
RT: 8.86 min Scan# 981  
Delta R.T. -0.03 min  
Lab File: BM018973.D  
Acq: 28 Feb 2019 17:26

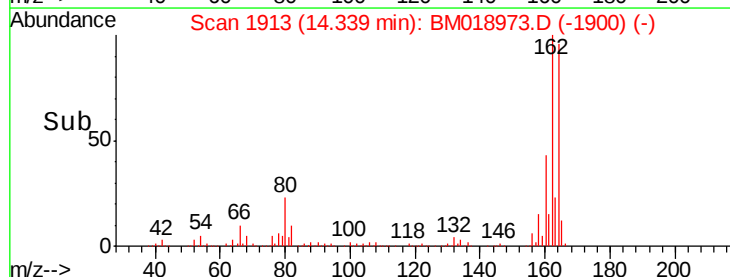
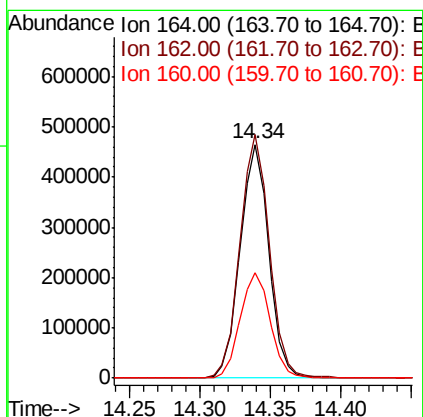
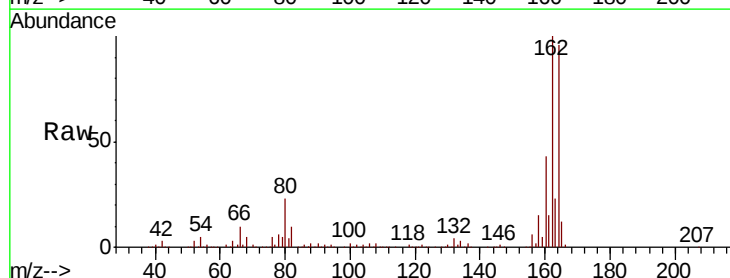
Instrument :  
BNA\_M  
ClientSampleId :  
PE-3(WEST-SITE-WALL)

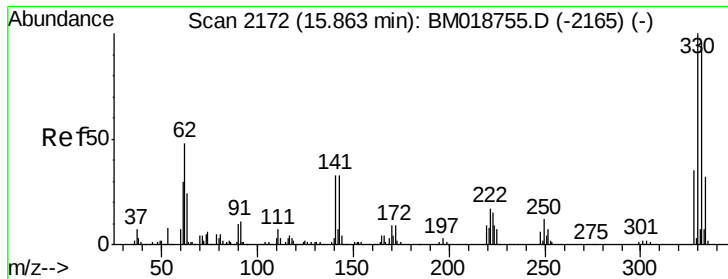
Tot Ion: 82 Resp: 1421368  
Ion Ratio Lower Upper  
82 100  
128 37.2 29.9 44.9  
54 37.6 29.1 43.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.34 min Scan# 1913  
Delta R.T. -0.02 min  
Lab File: BM018973.D  
Acq: 28 Feb 2019 17:26

Tgt Ion:164 Resp: 661358  
Ion Ratio Lower Upper  
164 100  
162 104.2 83.4 125.0  
160 45.0 36.6 55.0

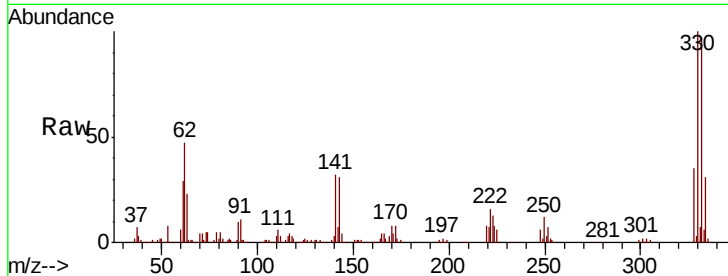




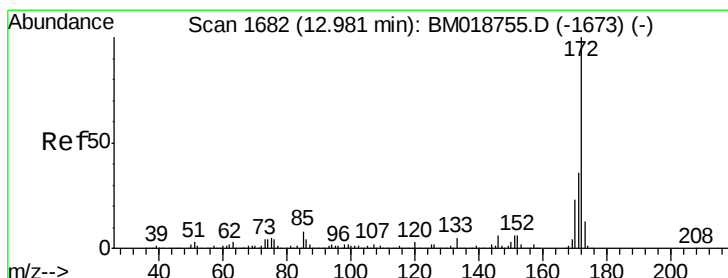
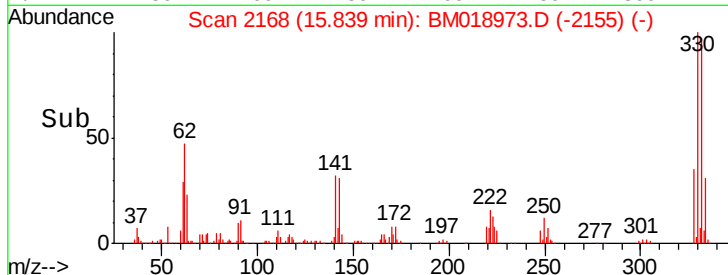
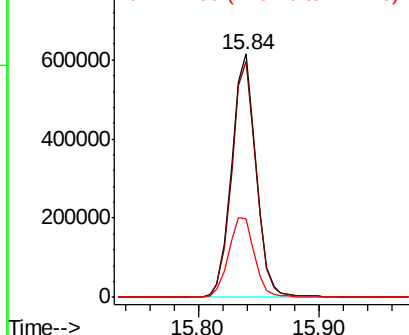
#42  
 2,4,6-Tribromophenol  
 Concen: 91.261 ng  
 RT: 15.84 min Scan# 2168  
 Delta R.T. -0.02 min  
 Lab File: BM018973.D  
 Acq: 28 Feb 2019 17:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PE-3(WEST-SITE-WALL)

Tot Ion:330 Resp: 870019  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 76.9 115.3  
 141 34.8 28.7 43.1

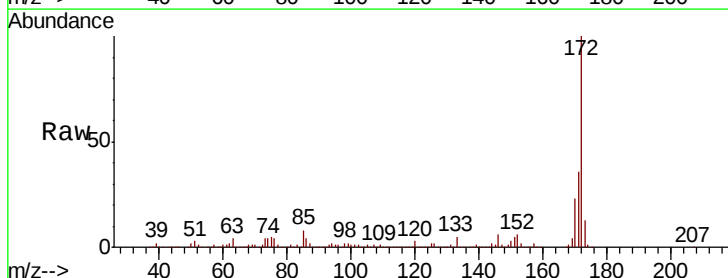


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

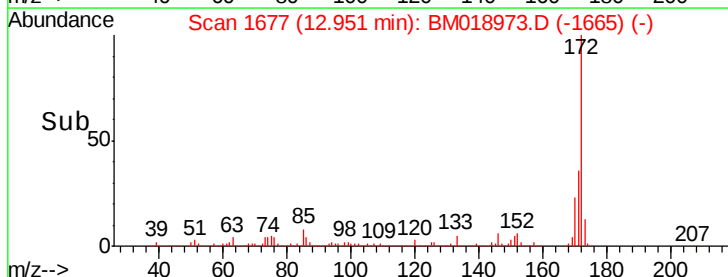
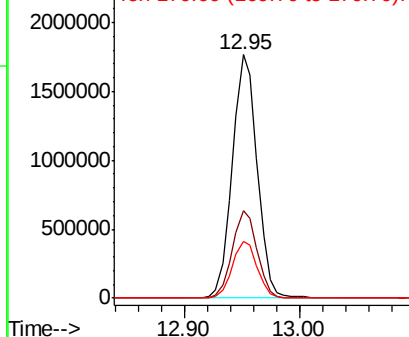


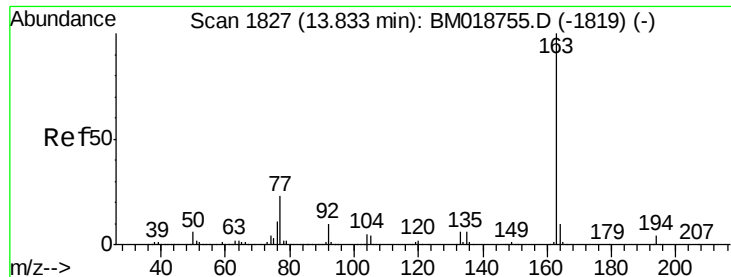
#45  
 2-Fluorobiphenyl  
 Concen: 52.851 ng  
 RT: 12.95 min Scan# 1677  
 Delta R.T. -0.03 min  
 Lab File: BM018973.D  
 Acq: 28 Feb 2019 17:26

Tgt Ion:172 Resp: 2633068  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 29.0 43.6  
 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: 2.589 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM018973.D

Acq: 28 Feb 2019 17:26

Instrument :

BNA\_M

ClientSampleId :

PE-3(WEST-SITE-WALL)

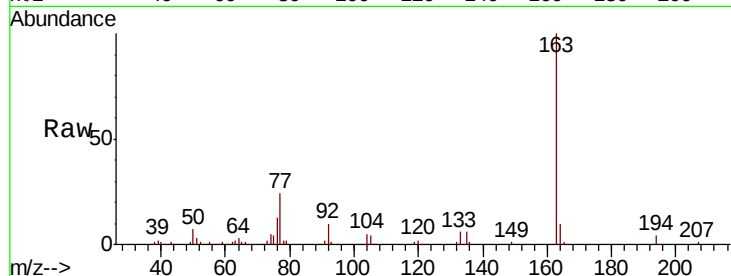
Tot Ion:163 Resp: 142724

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

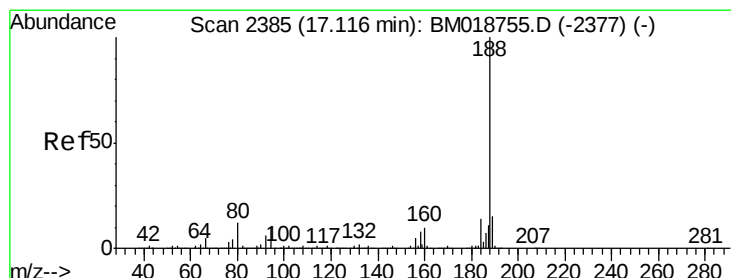
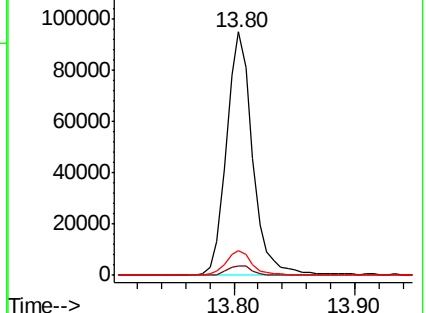
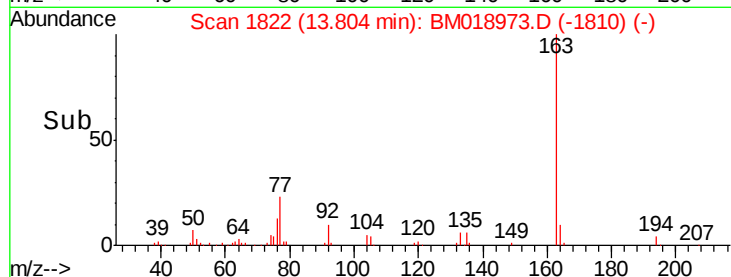
164 10.3 7.8 11.8



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: 17.09 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM018973.D

Acq: 28 Feb 2019 17:26

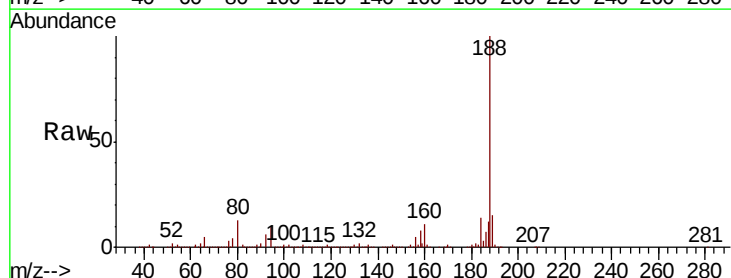
Tgt Ion:188 Resp: 1499992

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

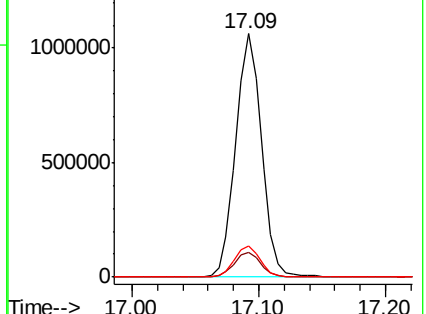
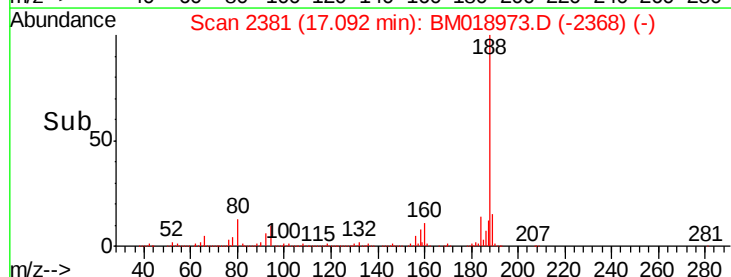
80 12.6 9.7 14.5

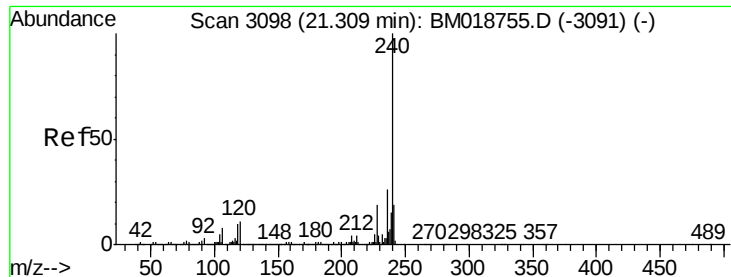


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

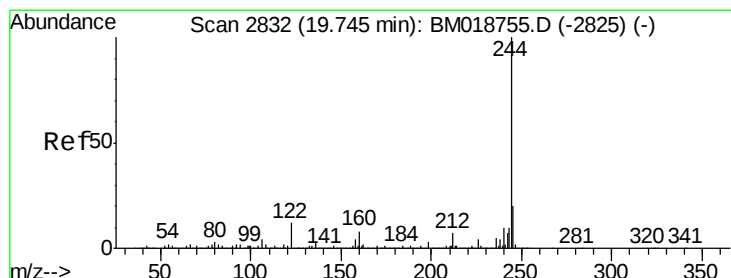
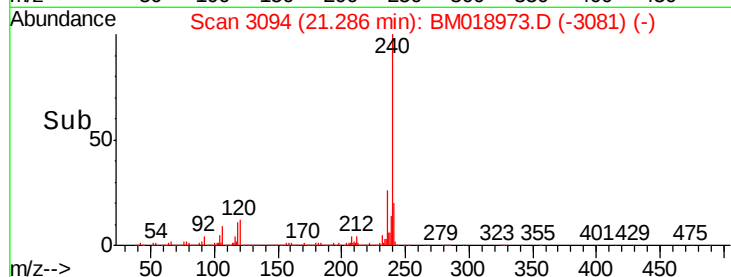
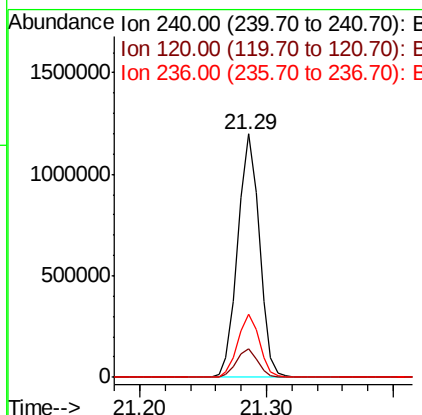
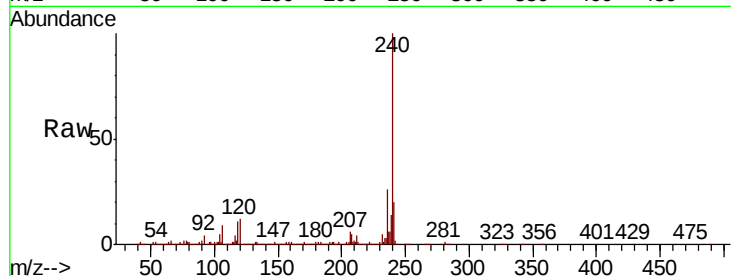




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.29 min Scan# 3094  
 Delta R.T. -0.02 min  
 Lab File: BM018973.D  
 Acq: 28 Feb 2019 17:26

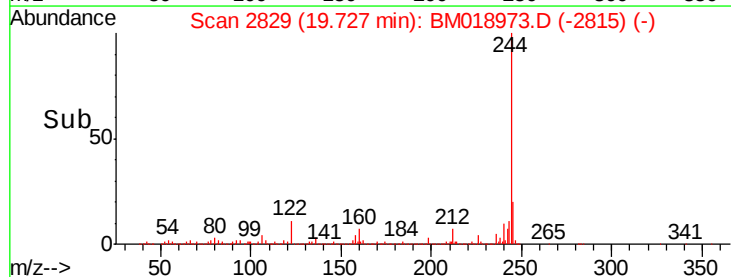
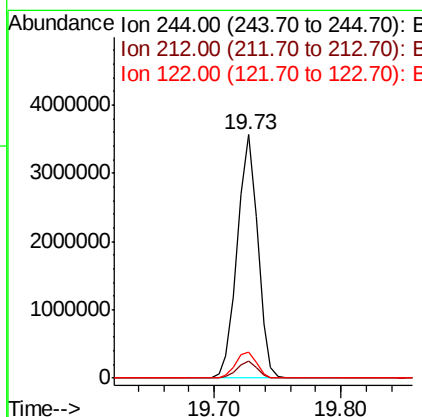
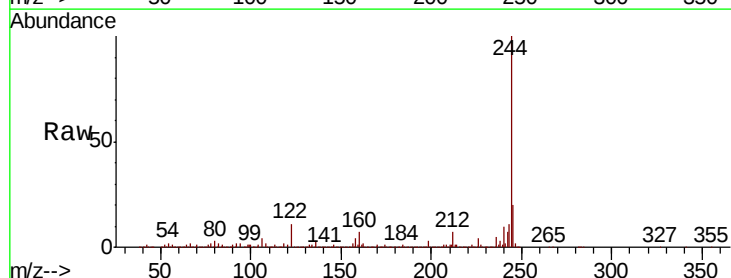
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PE-3(WEST-SITE-WALL)

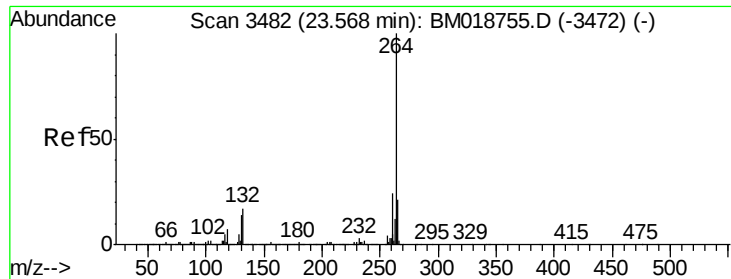
Tot Ion:240 Resp: 1414705  
 Ion Ratio Lower Upper  
 240 100  
 120 11.7 8.9 13.3  
 236 25.9 20.9 31.3



#79  
 Terphenyl-d14  
 Concen: 57.596 ng  
 RT: 19.73 min Scan# 2829  
 Delta R.T. -0.02 min  
 Lab File: BM018973.D  
 Acq: 28 Feb 2019 17:26

Tgt Ion:244 Resp: 3949838  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 10.8 9.3 13.9





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.53 min Scan# 3476  
Delta R.T. -0.04 min  
Lab File: BM018973.D  
Acq: 28 Feb 2019 17:26

Instrument :  
BNA\_M  
ClientSampleId :  
PE-3(WEST-SITE-WALL)

Tot Ion:264 Resp: 1246795  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.9  | 28.3  |
| 265 | 21.6  | 17.3  | 25.9  |

