

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\  
 Data File : BP002967.D  
 Acq On : 13 Aug 2020 15:47  
 Operator : CG/JU  
 Sample : L3648-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BS-STOCK-1

Quant Time: Aug 13 17:21:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 11 17:14:14 2020  
 Response via : Initial Calibration

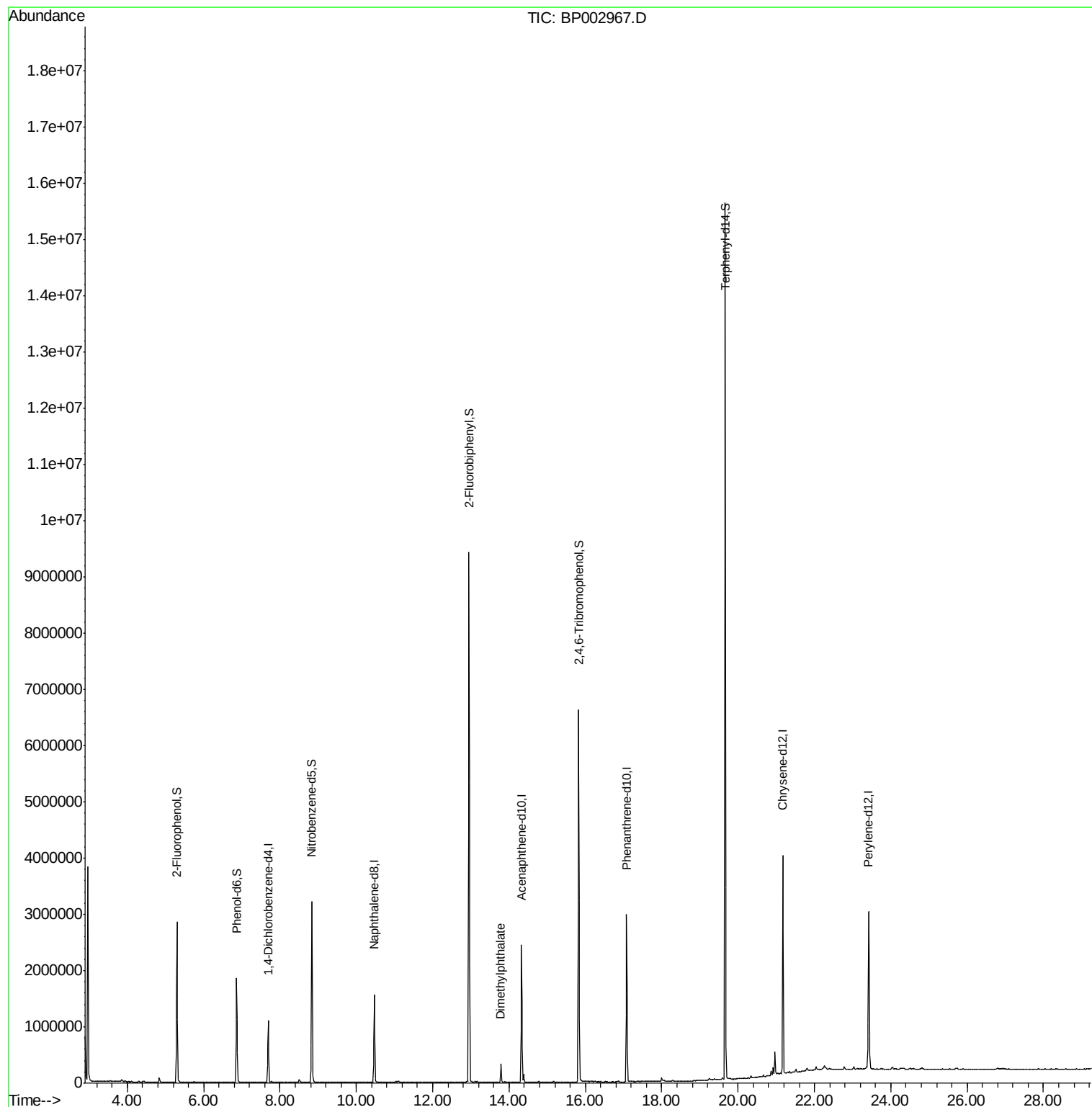
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.69  | 152  | 332320   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 10.47 | 136  | 1384588  | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.33 | 164  | 853172   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 17.08 | 188  | 1804622  | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.17 | 240  | 1797453  | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 23.42 | 264  | 1947458  | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.30  | 112  | 1455934  | 67.05  | ng    | 0.00      |
| 7) Phenol-d6                | 6.86  | 99   | 1254495  | 41.61  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 8.83  | 82   | 1931862  | 75.57  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 15.82 | 330  | 1367219  | 128.93 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 12.95 | 172  | 5273762  | 84.46  | ng    | -0.01     |
| 79) Terphenyl-d14           | 19.66 | 244  | 6994475  | 77.90  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 13.79 | 163  | 231171   | 3.464  | ng    | Qvalue 99 |

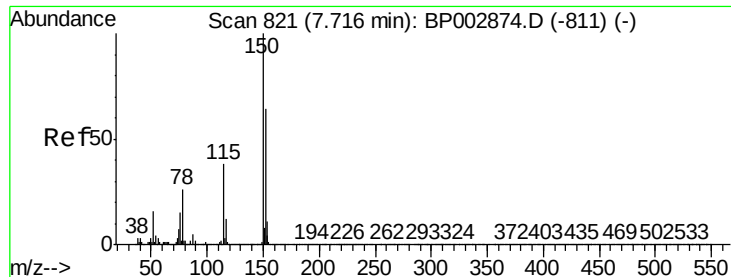
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 11 17:14:14 2020  
Response via : Initial Calibration



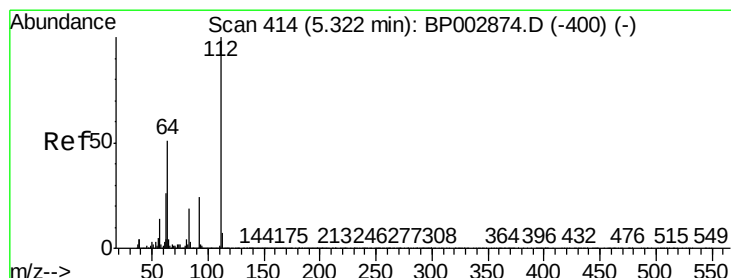
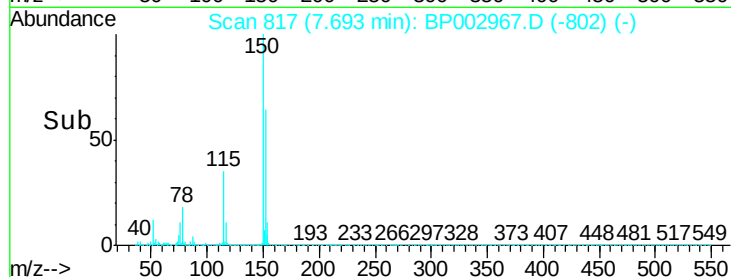
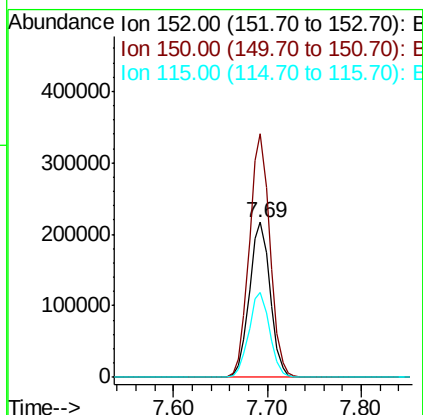
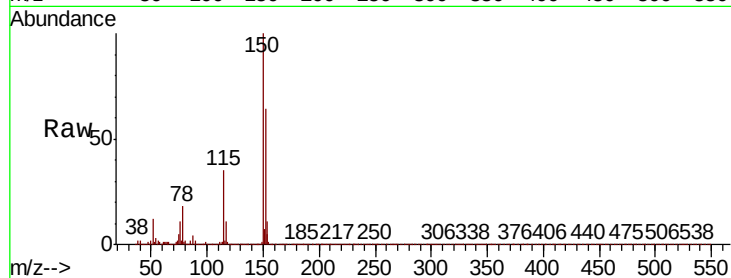


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.69 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BP002967.D  
 Acq: 13 Aug 2020 15:47

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BS-STOCK-1

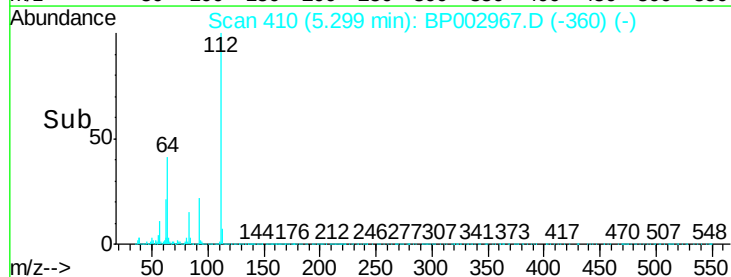
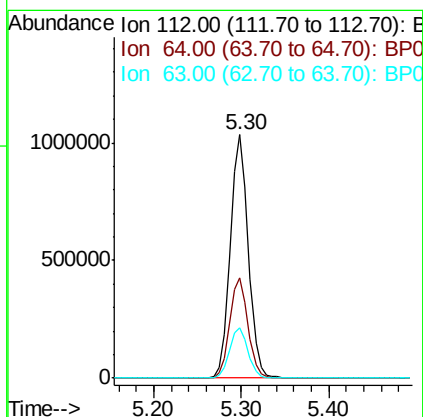
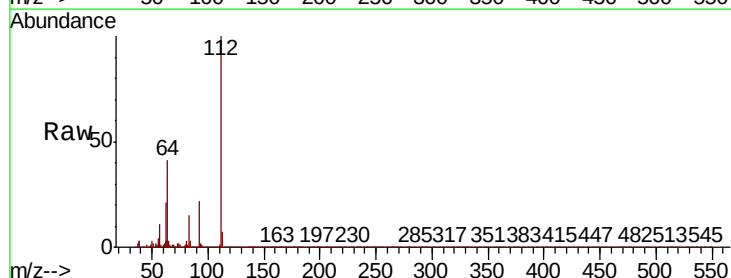
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.1 | 124.2 | 186.4 |
| 115     | 55.1  | 42.1  | 63.1  |

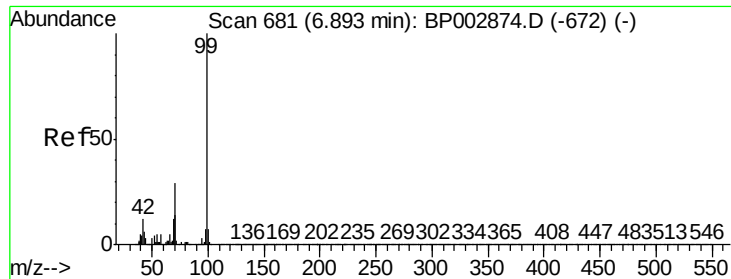


#5

2-Fluorophenol  
 Concen: 67.053 ng  
 RT: 5.30 min Scan# 410  
 Delta R.T. -0.01 min  
 Lab File: BP002967.D  
 Acq: 13 Aug 2020 15:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 41.4  | 33.8  | 50.8  |
| 63      | 20.8  | 17.2  | 25.8  |





#7

Phenol-d6

Concen: 41.614 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

Instrument :

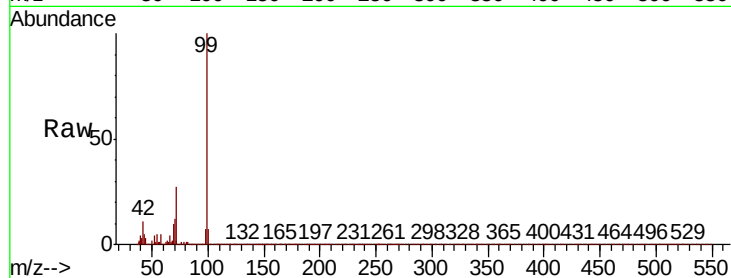
BNA\_P

ClientSampleId :

BS-STOCK-1

Tot Ion: 99 Resp: 1254495

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 10.5  | 8.1   | 12.1  |
| 71  | 27.1  | 21.0  | 31.4  |



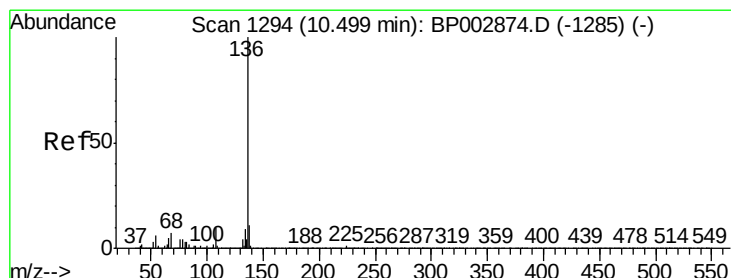
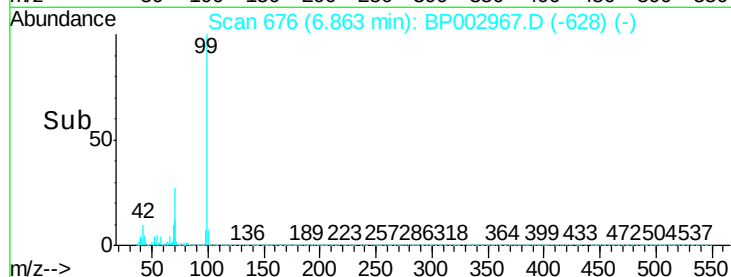
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

6.86

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

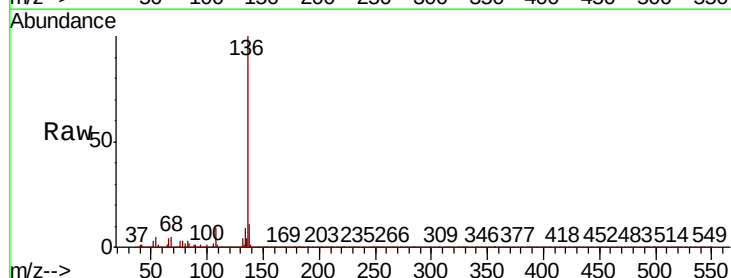
Delta R.T. -0.01 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

Tgt Ion: 136 Resp: 1384588

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 9.0   | 13.4  |
| 54  | 4.9   | 3.9   | 5.9   |
| 68  | 5.0   | 3.8   | 5.8   |



Abundance Ion 136.00 (135.70 to 136.70): E

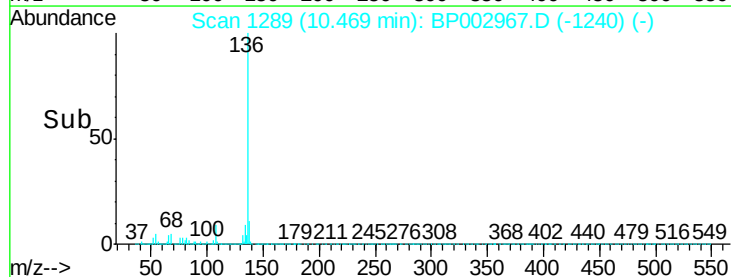
Ion 137.00 (136.70 to 137.70): E

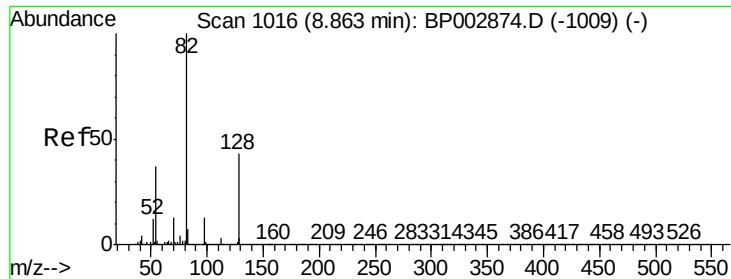
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

10.47

Time-->

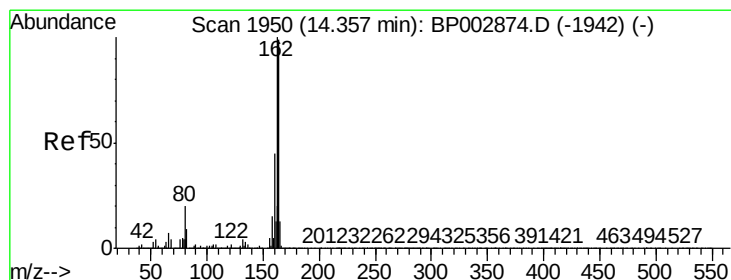
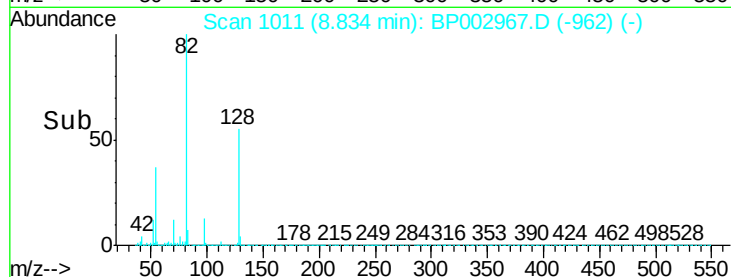
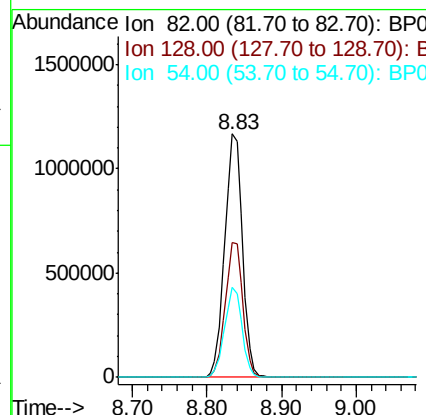
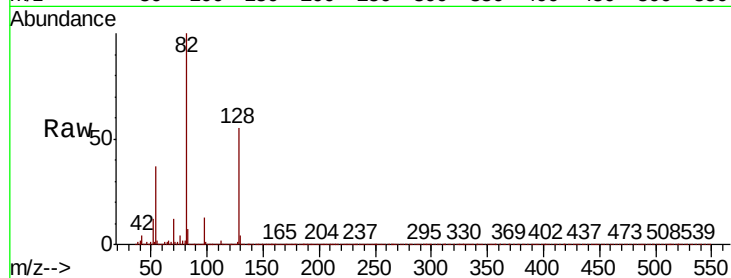




#23  
Nitrobenzene-d5  
Concen: 75.571 ng  
RT: 8.83 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BP002967.D  
Acq: 13 Aug 2020 15:47

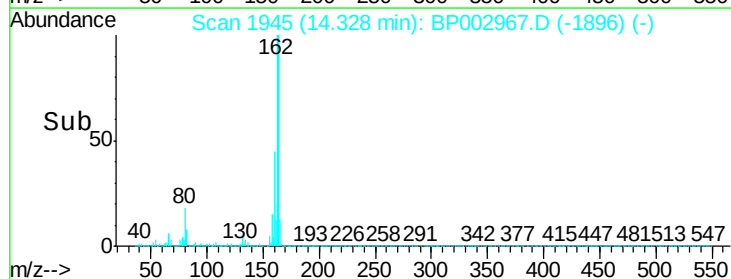
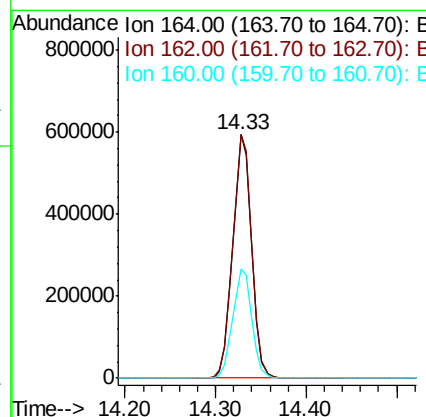
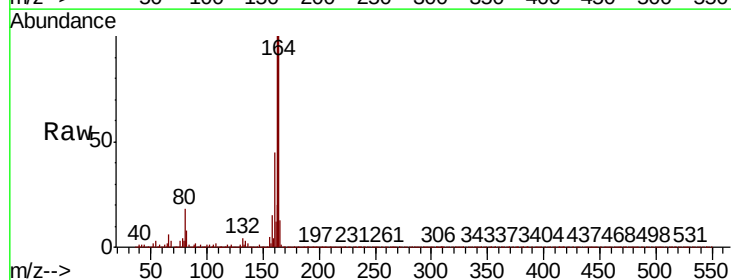
Instrument :  
BNA\_P  
ClientSampleId :  
BS-STOCK-1

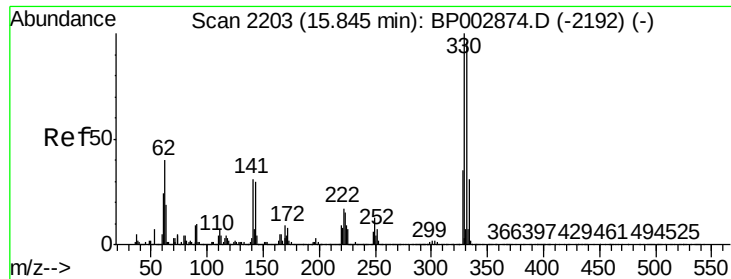
Tot Ion: 82 Resp: 1931862  
Ion Ratio Lower Upper  
82 100  
128 55.1 44.6 66.8  
54 36.7 29.2 43.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.33 min Scan# 1945  
Delta R.T. -0.01 min  
Lab File: BP002967.D  
Acq: 13 Aug 2020 15:47

Tgt Ion:164 Resp: 853172  
Ion Ratio Lower Upper  
164 100  
162 100.2 81.0 121.4  
160 44.7 36.2 54.4

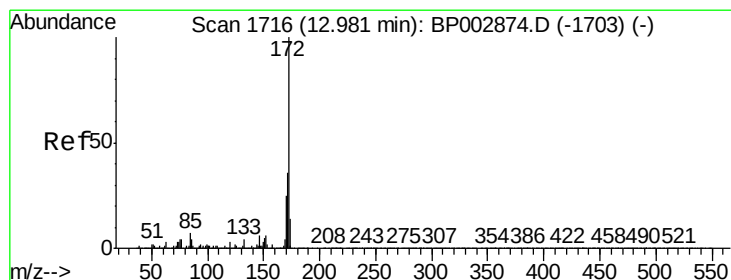
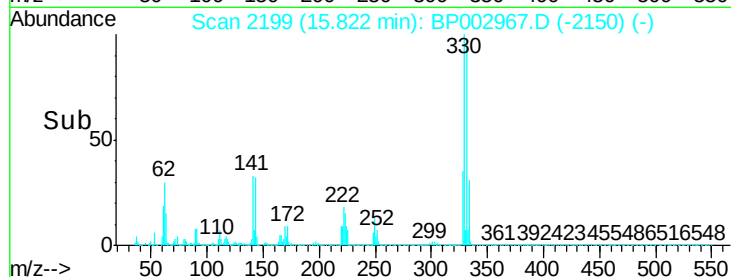
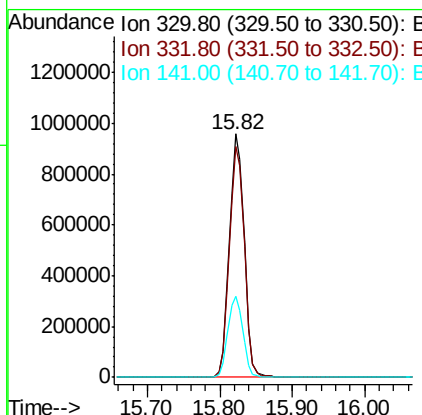
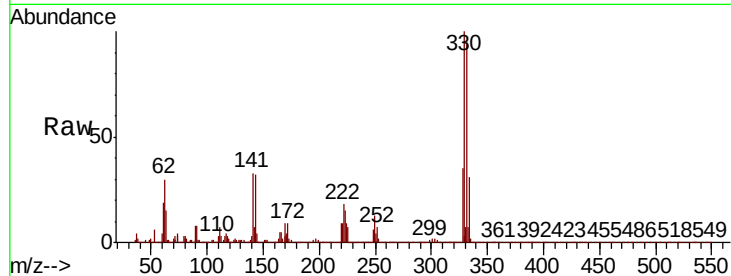




#42  
 2,4,6-Tribromophenol  
 Concen: 128.935 ng  
 RT: 15.82 min Scan# 2199  
 Delta R.T. -0.01 min  
 Lab File: BP002967.D  
 Acq: 13 Aug 2020 15:47

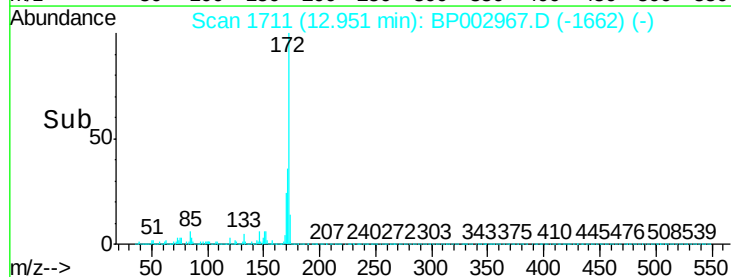
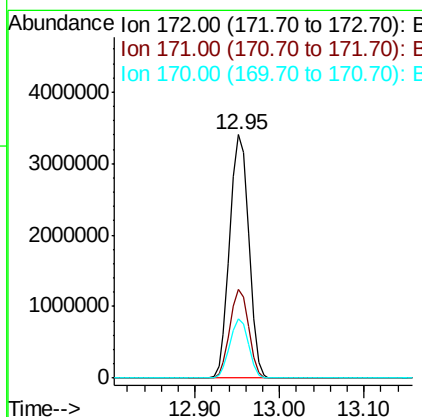
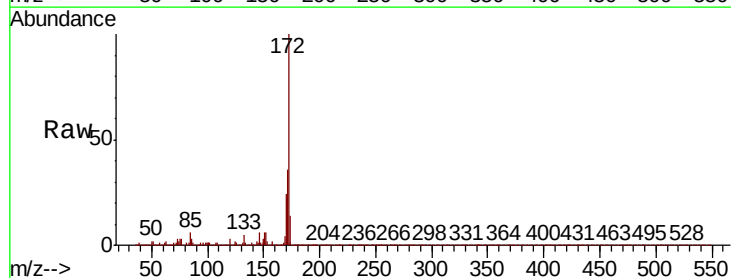
Instrument :  
 BNA\_P  
 ClientSampleId :  
 BS-STOCK-1

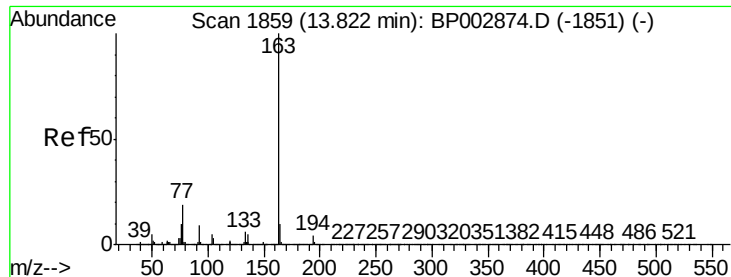
Tot Ion:330 Resp: 1367219  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 77.0 115.4  
 141 34.0 28.6 43.0



#45  
 2-Fluorobiphenyl  
 Concen: 84.456 ng  
 RT: 12.95 min Scan# 1711  
 Delta R.T. -0.01 min  
 Lab File: BP002967.D  
 Acq: 13 Aug 2020 15:47

Tgt Ion:172 Resp: 5273762  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 29.6 44.4  
 170 24.3 19.6 29.4





#50

Dimethylphthalate

Concen: 3.464 ng

RT: 13.79 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

Instrument :

BNA\_P

ClientSampleId :

BS-STOCK-1

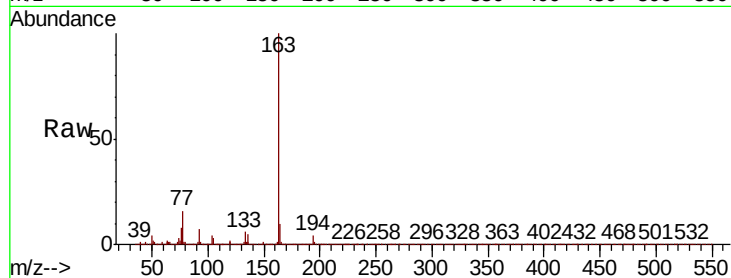
Tot Ion:163 Resp: 231171

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

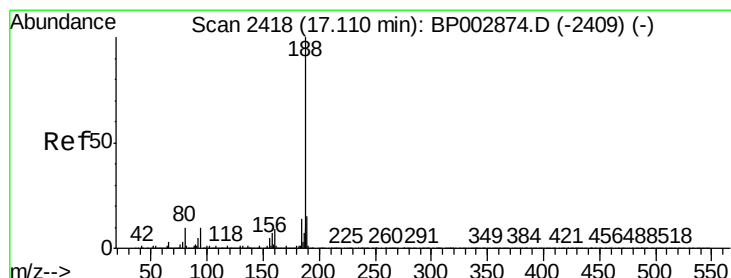
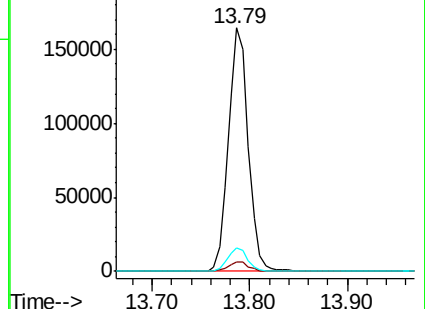
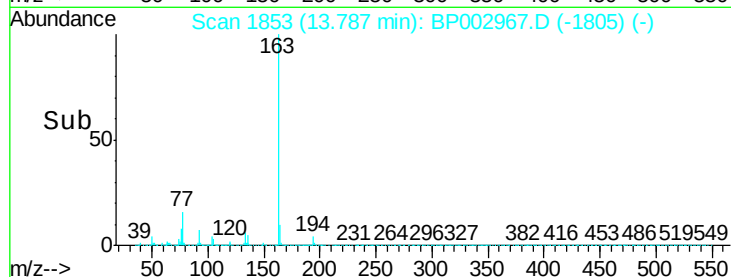
164 9.6 8.2 12.4



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: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002967.D

Acq: 13 Aug 2020 15:47

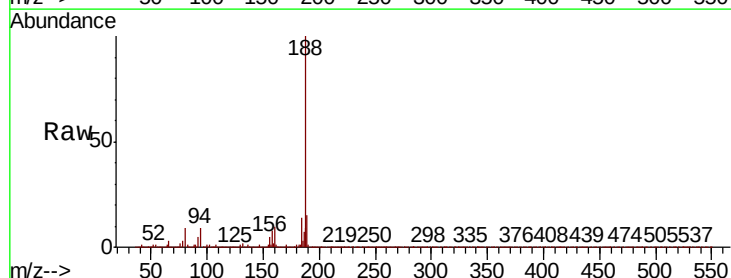
Tgt Ion:188 Resp: 1804622

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

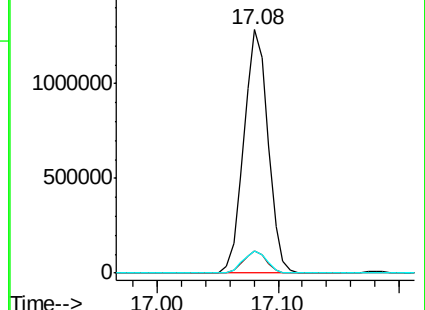
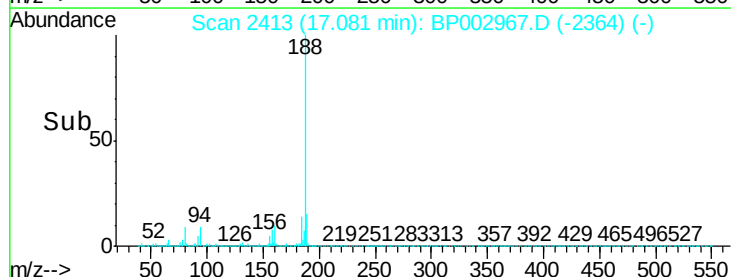
80 9.0 7.0 10.6

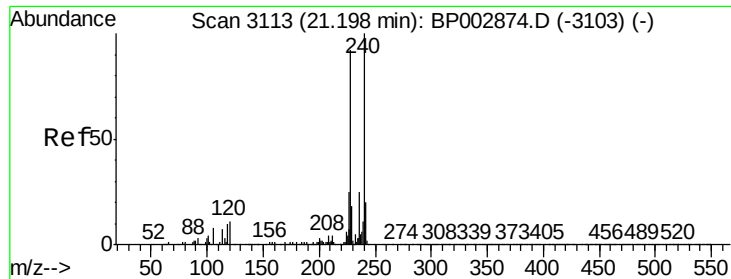


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



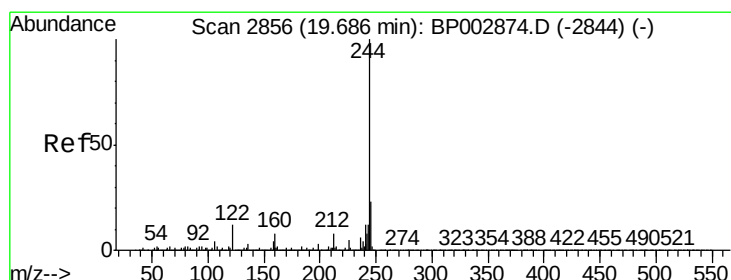
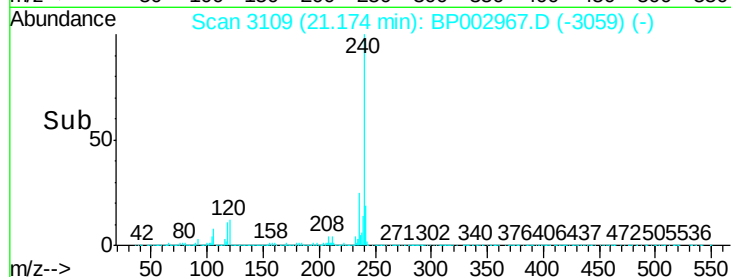
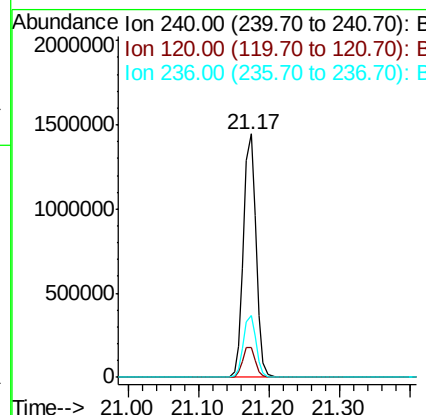
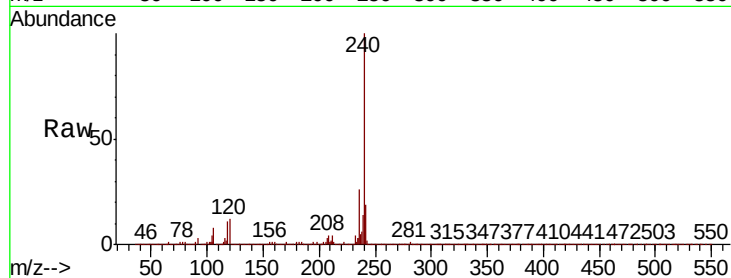


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.17 min Scan# 3109  
 Delta R.T. -0.01 min  
 Lab File: BP002967.D  
 Acq: 13 Aug 2020 15:47

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BS-STOCK-1

Tot Ion:240 Resp: 1797453

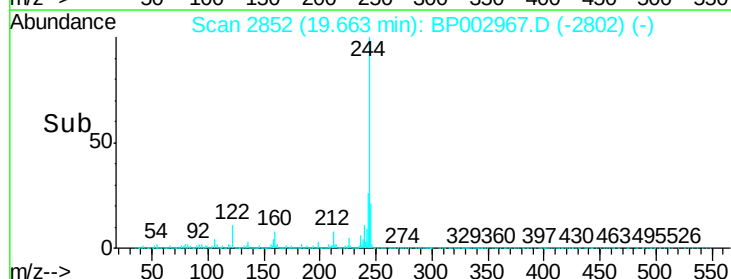
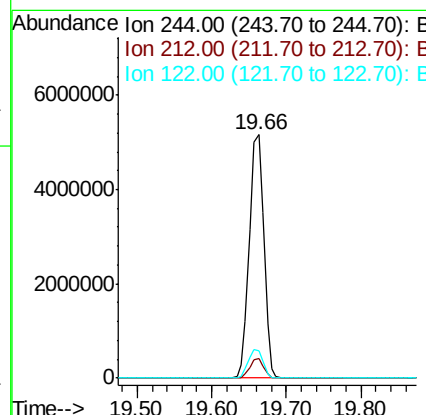
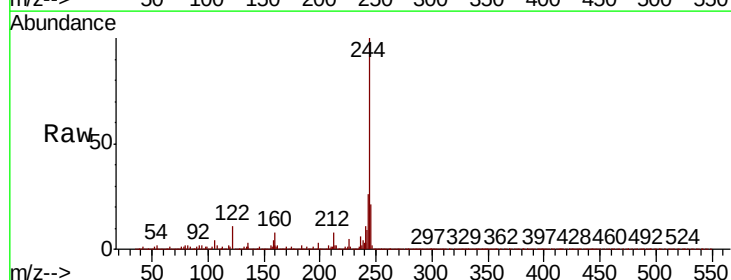
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.1  | 10.6  | 16.0  |
| 236 | 25.5  | 20.7  | 31.1  |



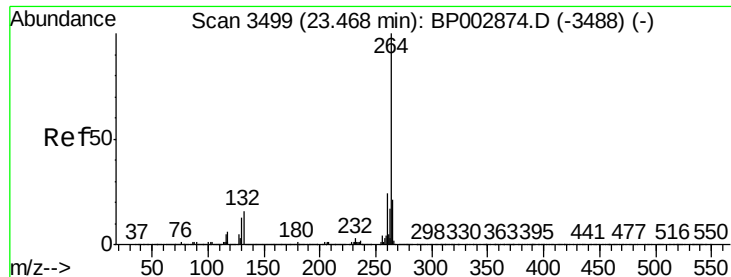
#79  
 Terphenyl-d14  
 Concen: 77.903 ng  
 RT: 19.66 min Scan# 2852  
 Delta R.T. -0.01 min  
 Lab File: BP002967.D  
 Acq: 13 Aug 2020 15:47

Tgt Ion:244 Resp: 6994475

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.9   | 6.3   | 9.5   |
| 122 | 11.3  | 9.9   | 14.9  |







#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.42 min Scan# 3491  
 Delta R.T. -0.01 min  
 Lab File: BP002967.D  
 Acq: 13 Aug 2020 15:47

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BS-STOCK-1

Tot Ion:264 Resp: 1947458  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.7 28.1  
 265 21.7 17.6 26.4

