

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\  
 Data File : BP000062.D  
 Acq On : 04 Sep 2019 13:23  
 Operator : HP/JU  
 Sample : K4554-59  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-16-(8-10)

Quant Time: Sep 05 06:28:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 17:47:17 2019  
 Response via : Initial Calibration

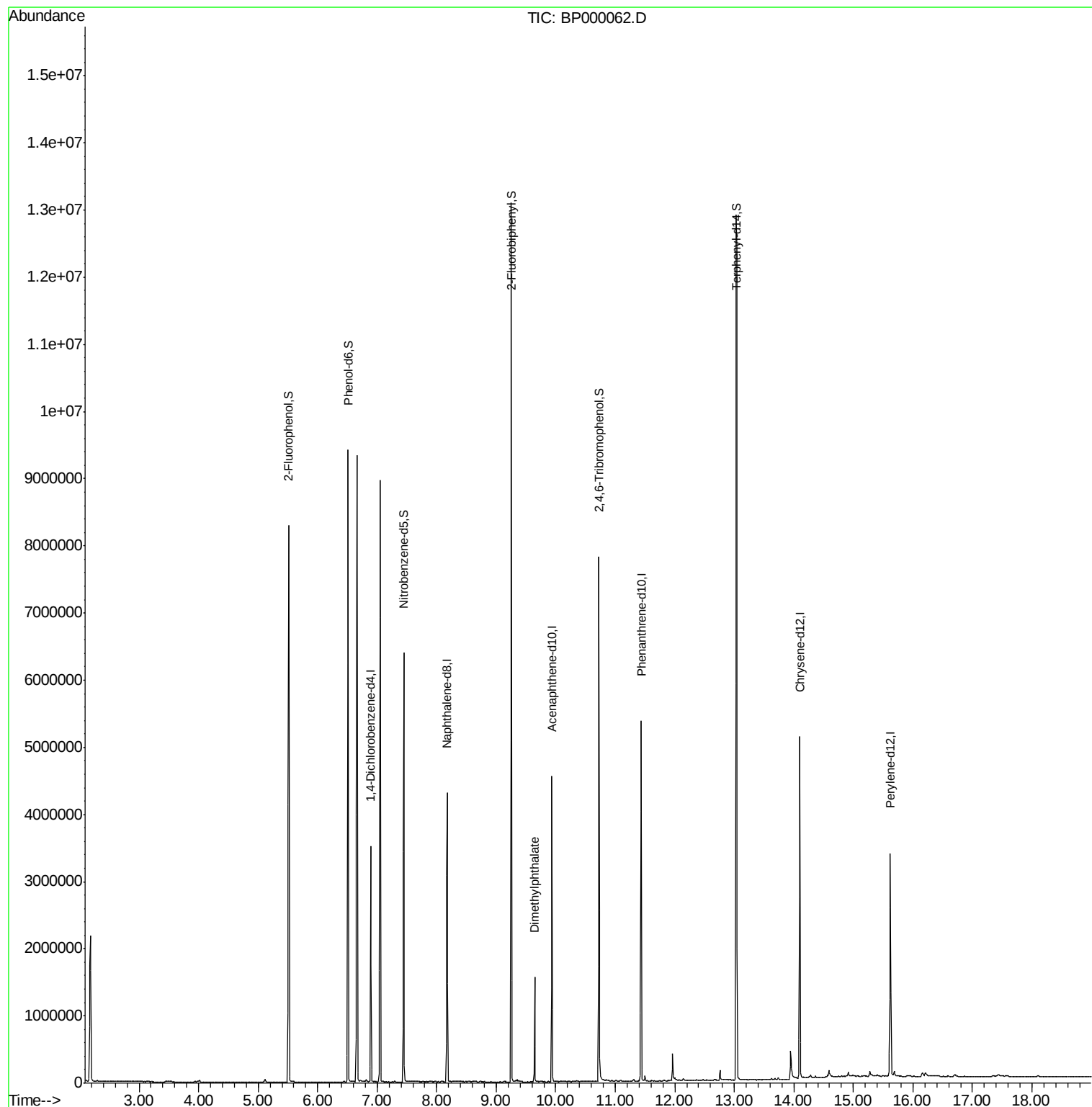
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 457699   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.18  | 136  | 1703737  | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.93  | 164  | 932879   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.43 | 188  | 1737228  | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.10 | 240  | 1443281  | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.62 | 264  | 1504734  | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.52  | 112  | 2642306  | 92.06  | ng    | 0.00      |
| 7) Phenol-d6                | 6.51  | 99   | 3428161  | 94.61  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 1851868  | 66.69  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.73 | 330  | 821653   | 104.49 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.25  | 172  | 3787496  | 67.80  | ng    | 0.00      |
| 79) Terphenyl-d14           | 13.04 | 244  | 4198054  | 63.40  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.65  | 163  | 518722   | 8.160  | ng    | Qvalue 99 |

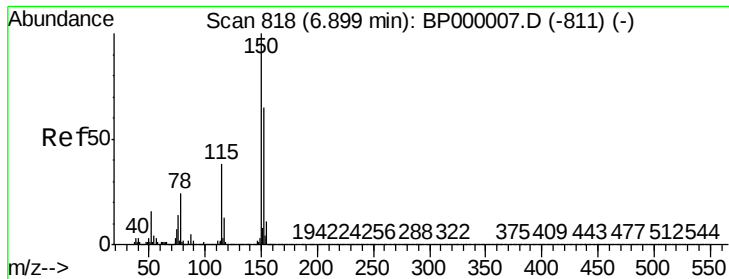
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
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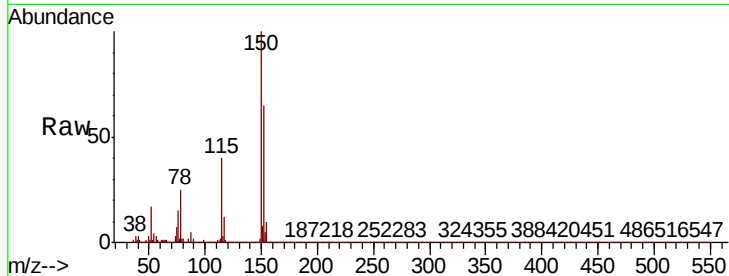


#1

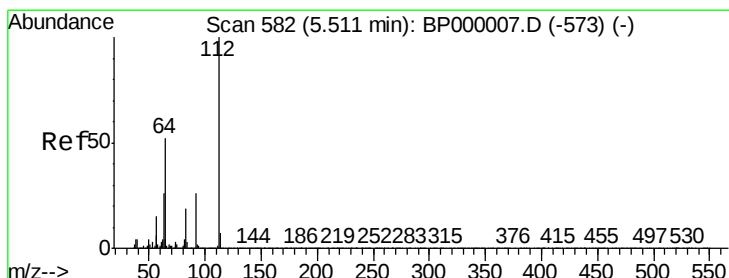
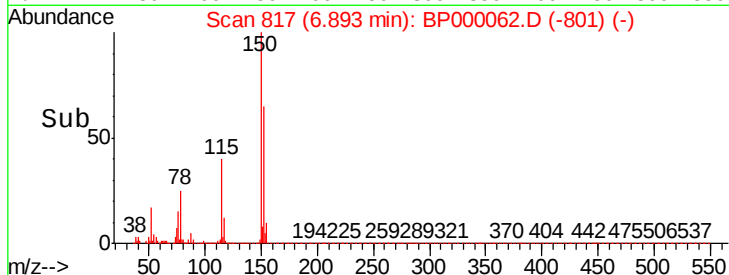
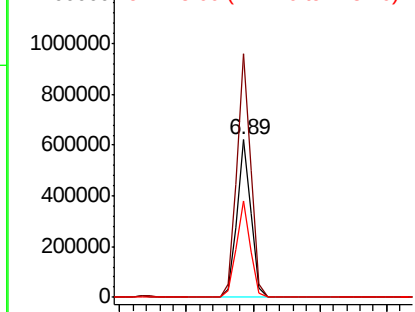
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BP000062.D  
Acq: 04 Sep 2019 13:23

Instrument :  
BNA\_P  
ClientSampleId :  
SB-16-(8-10)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.7 | 123.0 | 184.6 |
| 115     | 61.1  | 46.7  | 70.1  |



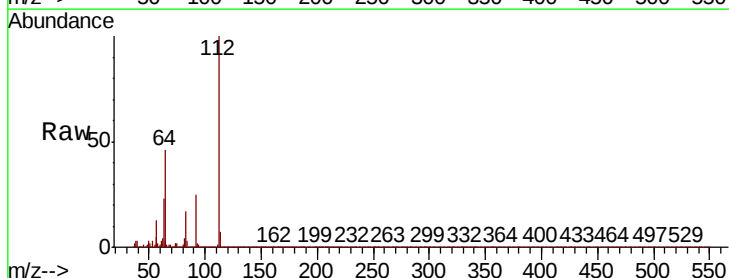
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



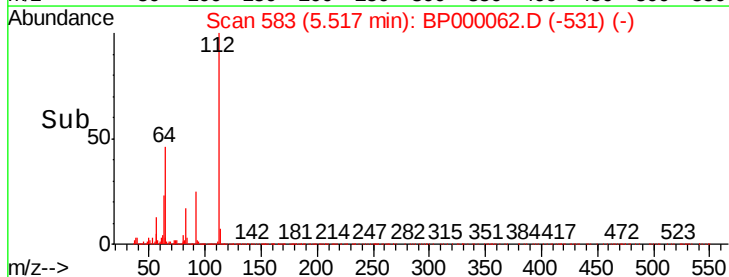
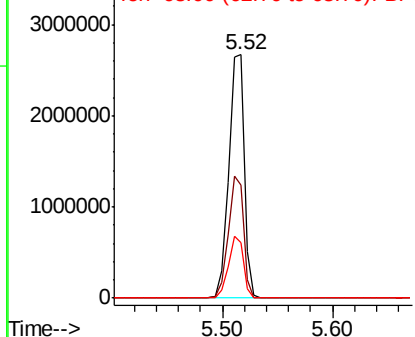
#5

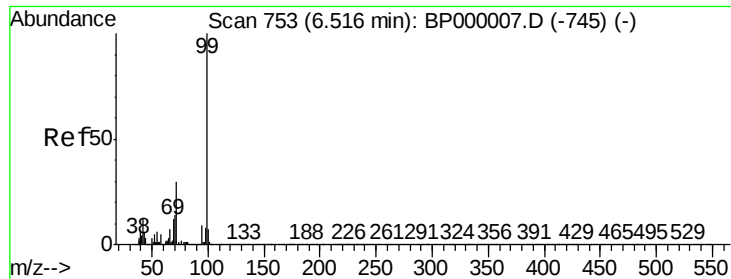
2-Fluorophenol  
Concen: 92.058 ng  
RT: 5.52 min Scan# 583  
Delta R.T. 0.01 min  
Lab File: BP000062.D  
Acq: 04 Sep 2019 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 46.2  | 41.8  | 62.8  |
| 63      | 22.9  | 21.0  | 31.4  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BP0  
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 94.610 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

Instrument :

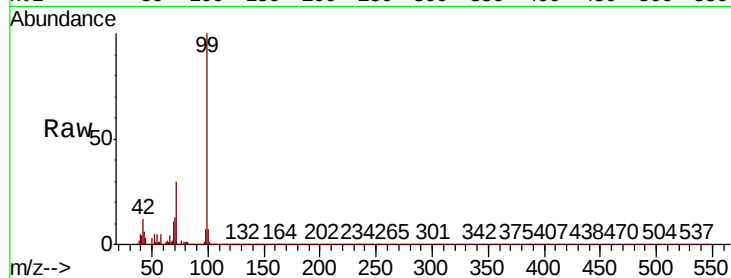
BNA\_P

ClientSampleId :

SB-16-(8-10)

Tot Ion: 99 Resp: 3428161

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 11.7  | 9.8   | 14.8  |
| 71  | 29.7  | 23.8  | 35.8  |

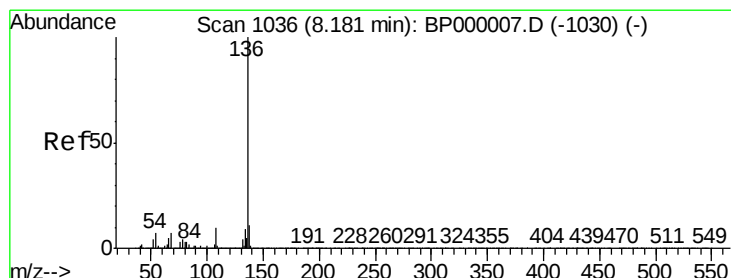
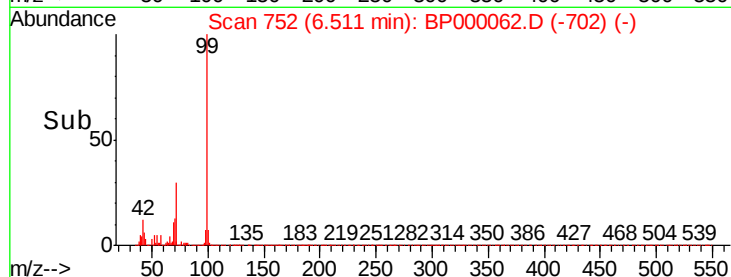


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1035

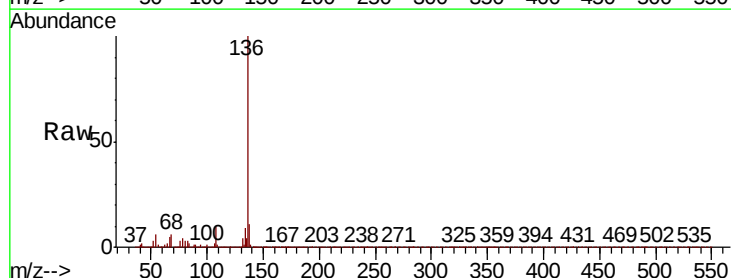
Delta R.T. -0.01 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

Tgt Ion: 136 Resp: 1703737

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 13.0  |
| 54  | 6.4   | 5.4   | 8.2   |
| 68  | 6.4   | 5.4   | 8.0   |



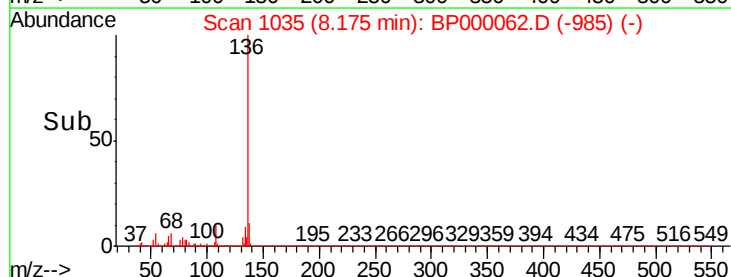
Abundance

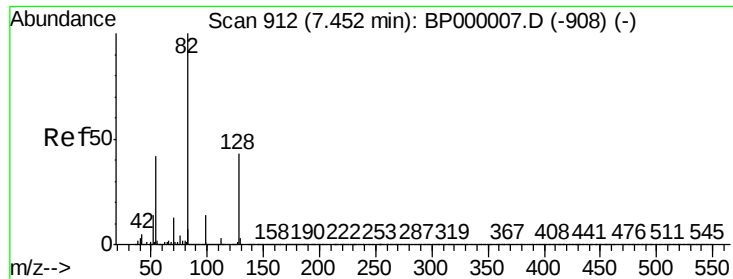
Ion 136.00 (135.70 to 136.70): E

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



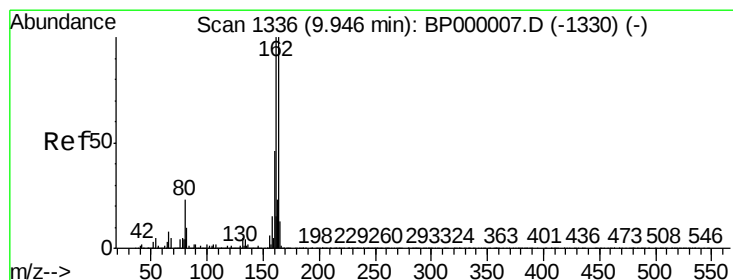
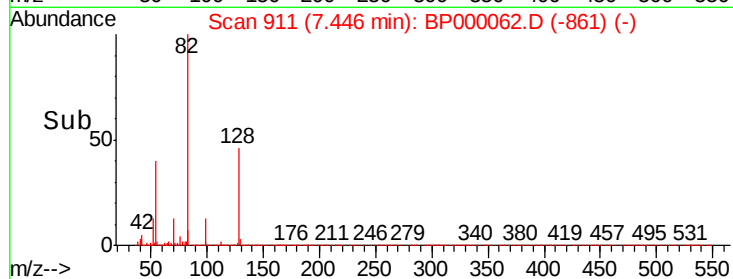
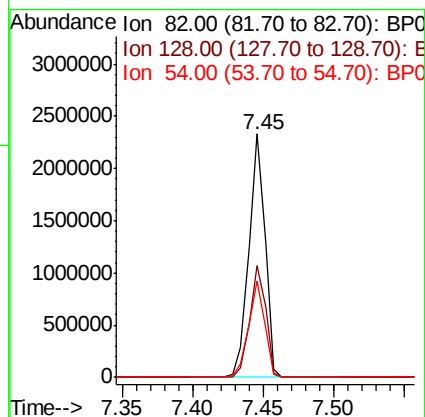
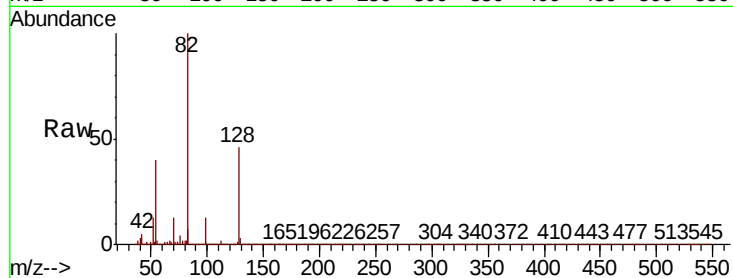


#23  
 Nitrobenzene-d5  
 Concen: 66.695 ng  
 RT: 7.45 min Scan# 911  
 Delta R.T. -0.01 min  
 Lab File: BP000062.D  
 Acq: 04 Sep 2019 13:23

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-16-(8-10)

Tot Ion: 82 Resp: 1851868  

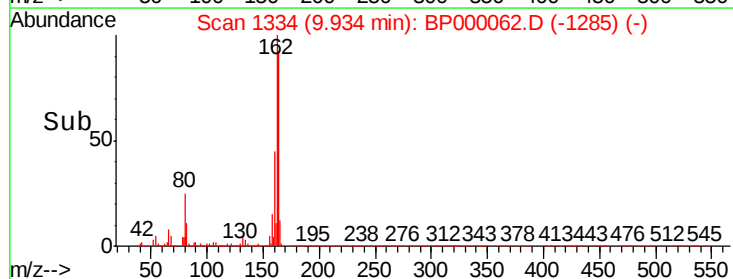
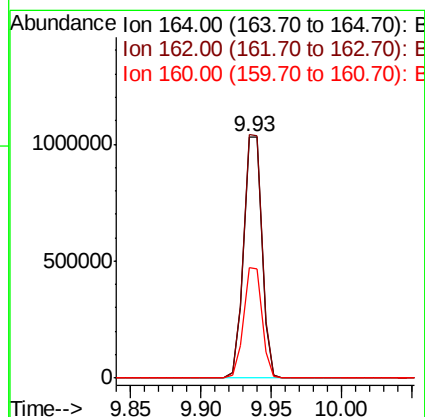
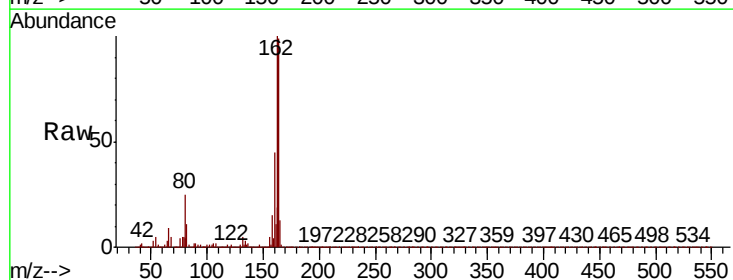
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.1  | 34.5  | 51.7  |
| 54  | 39.7  | 33.2  | 49.8  |

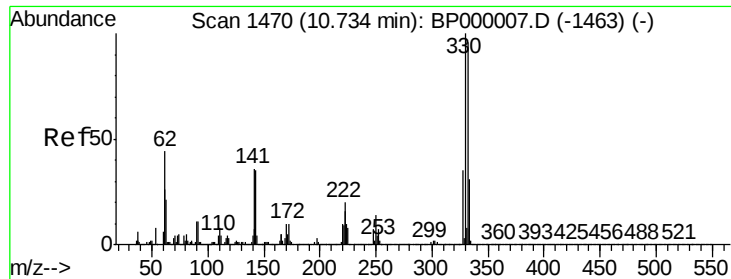


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.93 min Scan# 1334  
 Delta R.T. -0.01 min  
 Lab File: BP000062.D  
 Acq: 04 Sep 2019 13:23

Tgt Ion: 164 Resp: 932879  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.8 | 80.2  | 120.4 |
| 160 | 45.5  | 36.6  | 55.0  |

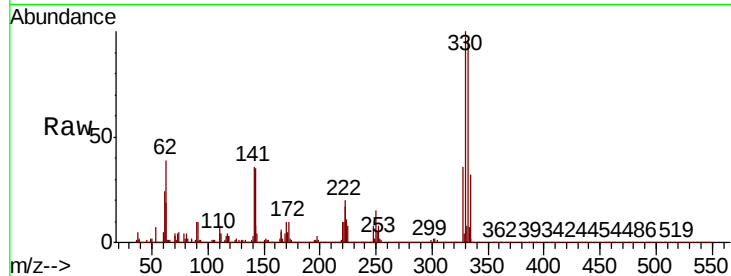




#42  
 2,4,6-Tribromophenol  
 Concen: 104.493 ng  
 RT: 10.73 min Scan# 1469  
 Delta R.T. -0.01 min  
 Lab File: BP000062.D  
 Acq: 04 Sep 2019 13:23

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-16-(8-10)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.6  | 76.8  | 115.2 |
| 141     | 40.0  | 33.6  | 50.4  |

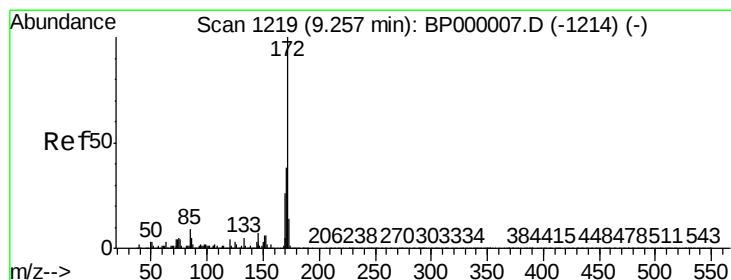
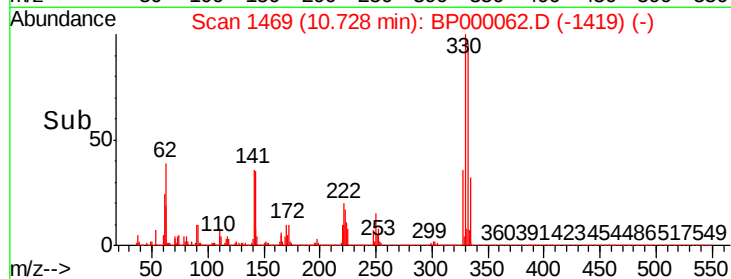
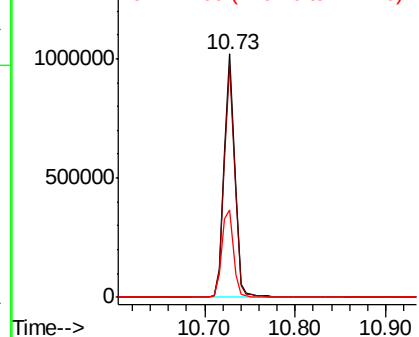


Abundance

Ion 329.80 (329.50 to 330.50): E

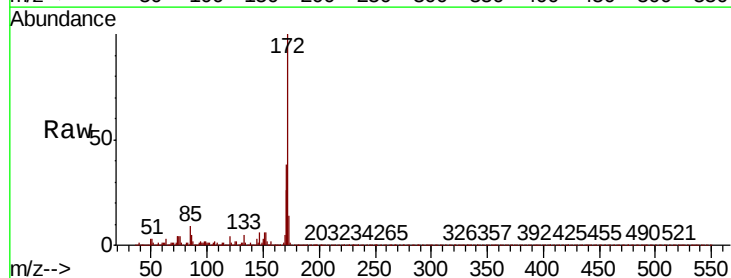
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 67.802 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. -0.01 min  
 Lab File: BP000062.D  
 Acq: 04 Sep 2019 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.6  | 30.7  | 46.1  |
| 170     | 25.5  | 20.7  | 31.1  |

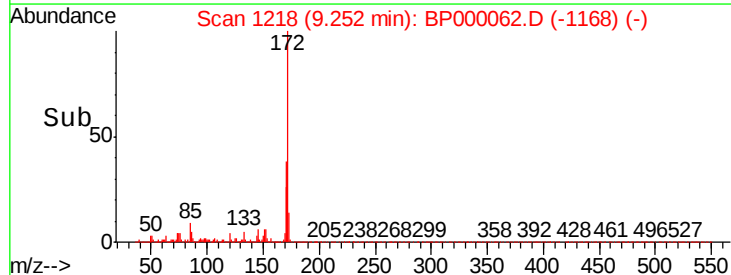
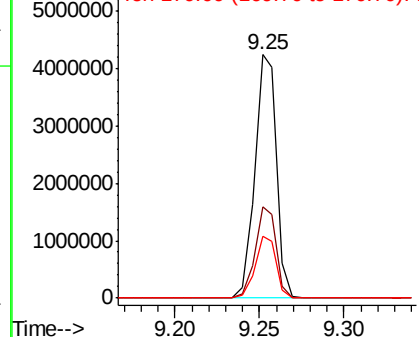


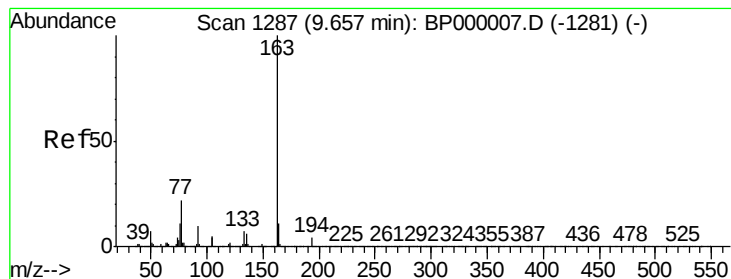
Abundance

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: 8.160 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

Instrument :

BNA\_P

ClientSampleId :

SB-16-(8-10)

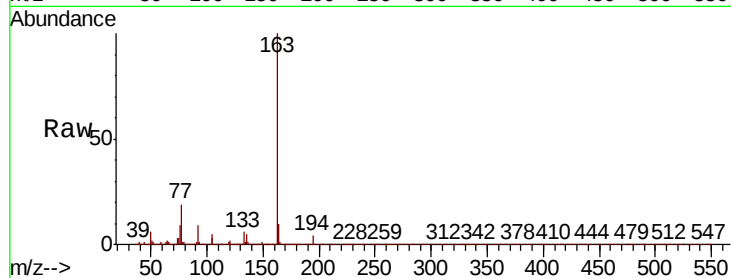
Tot Ion:163 Resp: 518722

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

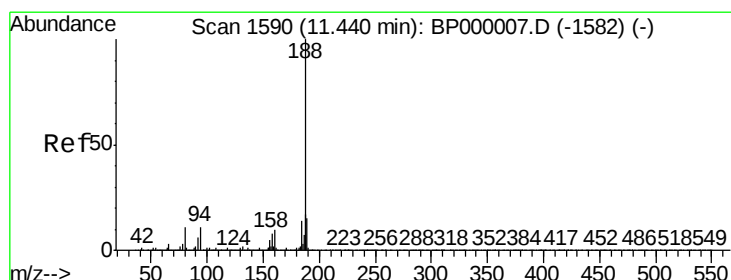
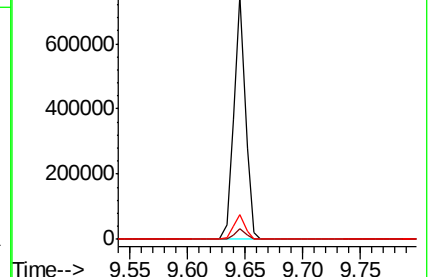
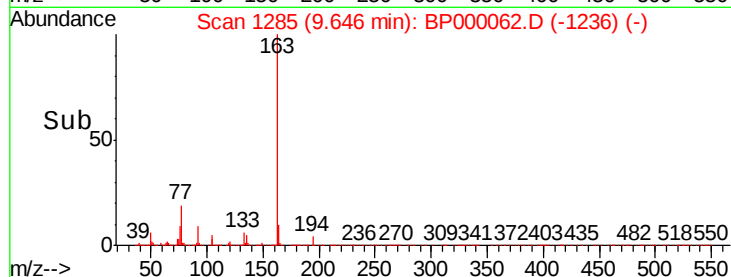
164 10.2 8.4 12.6



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: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BP000062.D

Acq: 04 Sep 2019 13:23

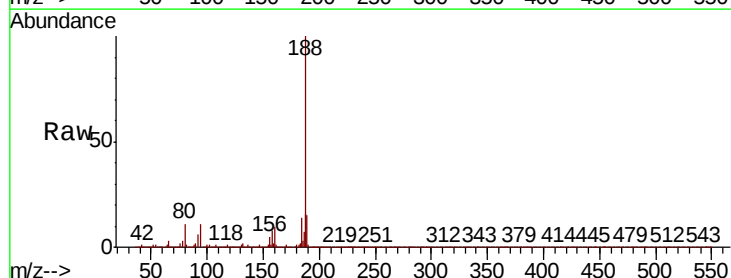
Tgt Ion:188 Resp: 1737228

Ion Ratio Lower Upper

188 100

94 10.8 8.8 13.2

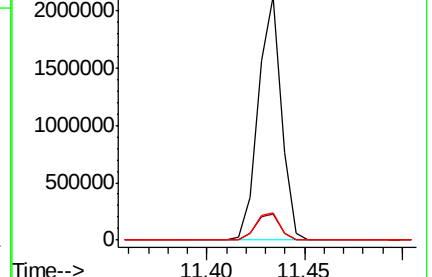
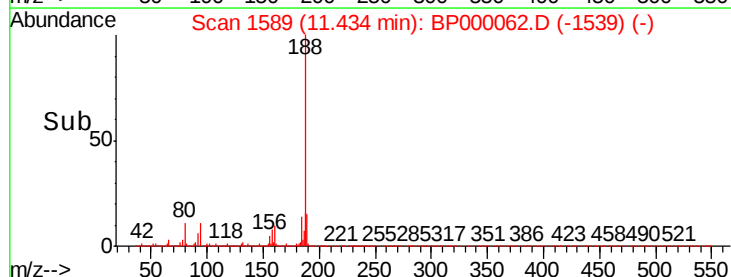
80 11.2 9.0 13.6

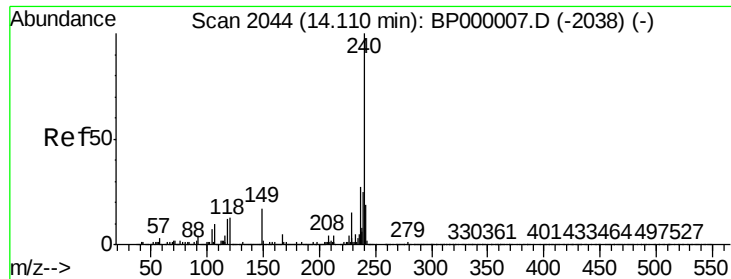


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

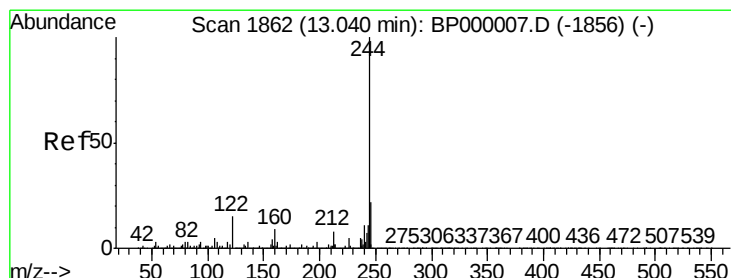
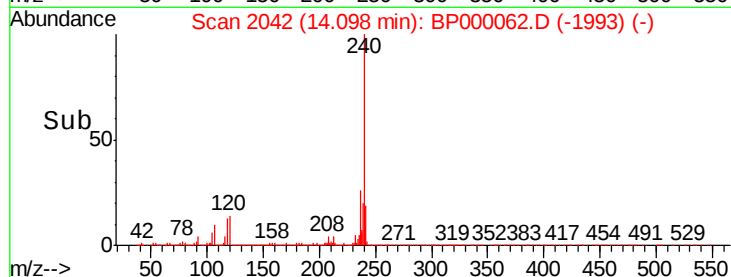
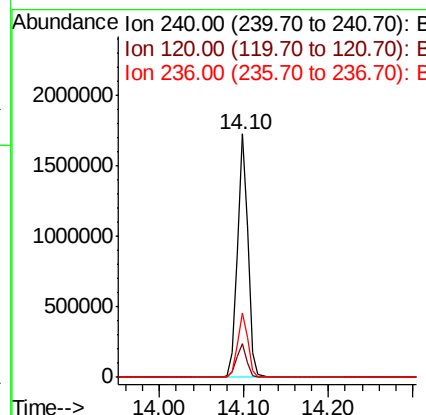
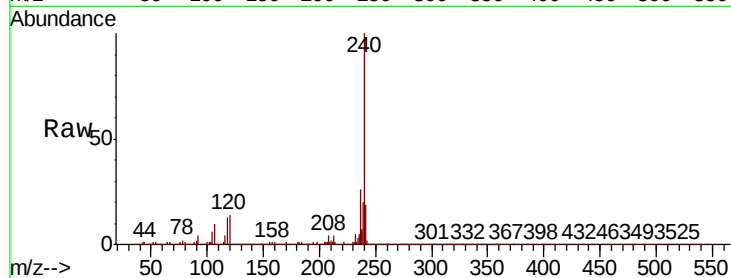




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 14.10 min Scan# 2042  
 Delta R.T. -0.01 min  
 Lab File: BP0000062.D  
 Acq: 04 Sep 2019 13:23

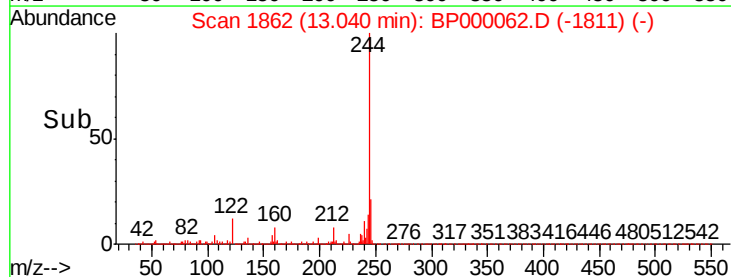
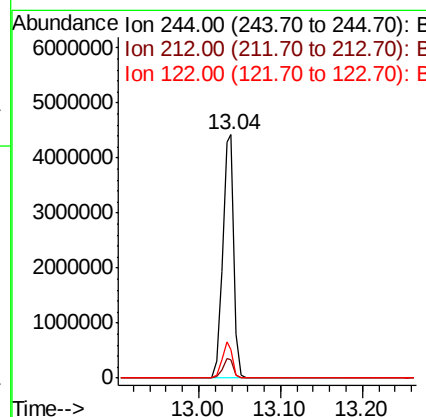
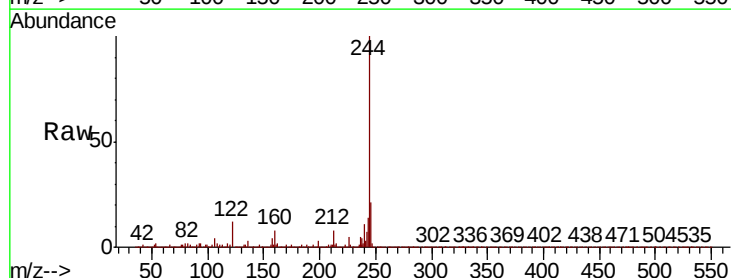
Instrument :  
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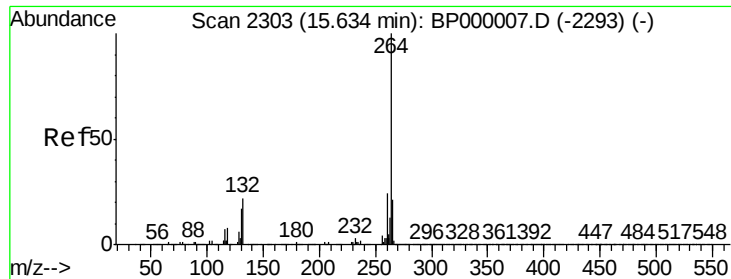
Tot Ion:240 Resp: 1443281  
 Ion Ratio Lower Upper  
 240 100  
 120 13.6 10.5 15.7  
 236 26.3 21.5 32.3



#79  
 Terphenyl-d14  
 Concen: 63.398 ng  
 RT: 13.04 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: BP0000062.D  
 Acq: 04 Sep 2019 13:23

Tgt Ion:244 Resp: 4198054  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.6 10.0  
 122 11.7 12.3 18.5#





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.62 min Scan# 2301  
Delta R.T. -0.01 min  
Lab File: BP0000062.D  
Acq: 04 Sep 2019 13:23

Instrument :  
BNA\_P  
ClientSampleId :  
SB-16-(8-10)

Tot Ion: 264 Resp: 1504734  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.1  | 19.1  | 28.7  |
| 265 | 21.4  | 17.1  | 25.7  |

