

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\  
 Data File : BP001250.D  
 Acq On : 07 Dec 2019 13:08  
 Operator : JU  
 Sample : PB125292TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB125292TB

Quant Time: Dec 09 01:17:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 05 12:34:47 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.31  | 152  | 89814    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.35 | 136  | 323973   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 13.20 | 164  | 183303   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 15.60 | 188  | 345990   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 19.25 | 240  | 273067   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 21.02 | 264  | 271669   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.23  | 112  | 685619   | 126.65 | ng    | 0.02     |
| 7) Phenol-d6                | 7.77  | 99   | 931348   | 129.14 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 642264   | 86.01  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 14.50 | 330  | 231937   | 132.01 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.13 | 172  | 1076660  | 85.97  | ng    | 0.00     |
| 79) Terphenyl-d14           | 17.89 | 244  | 1314360  | 89.05  | ng    | 0.00     |

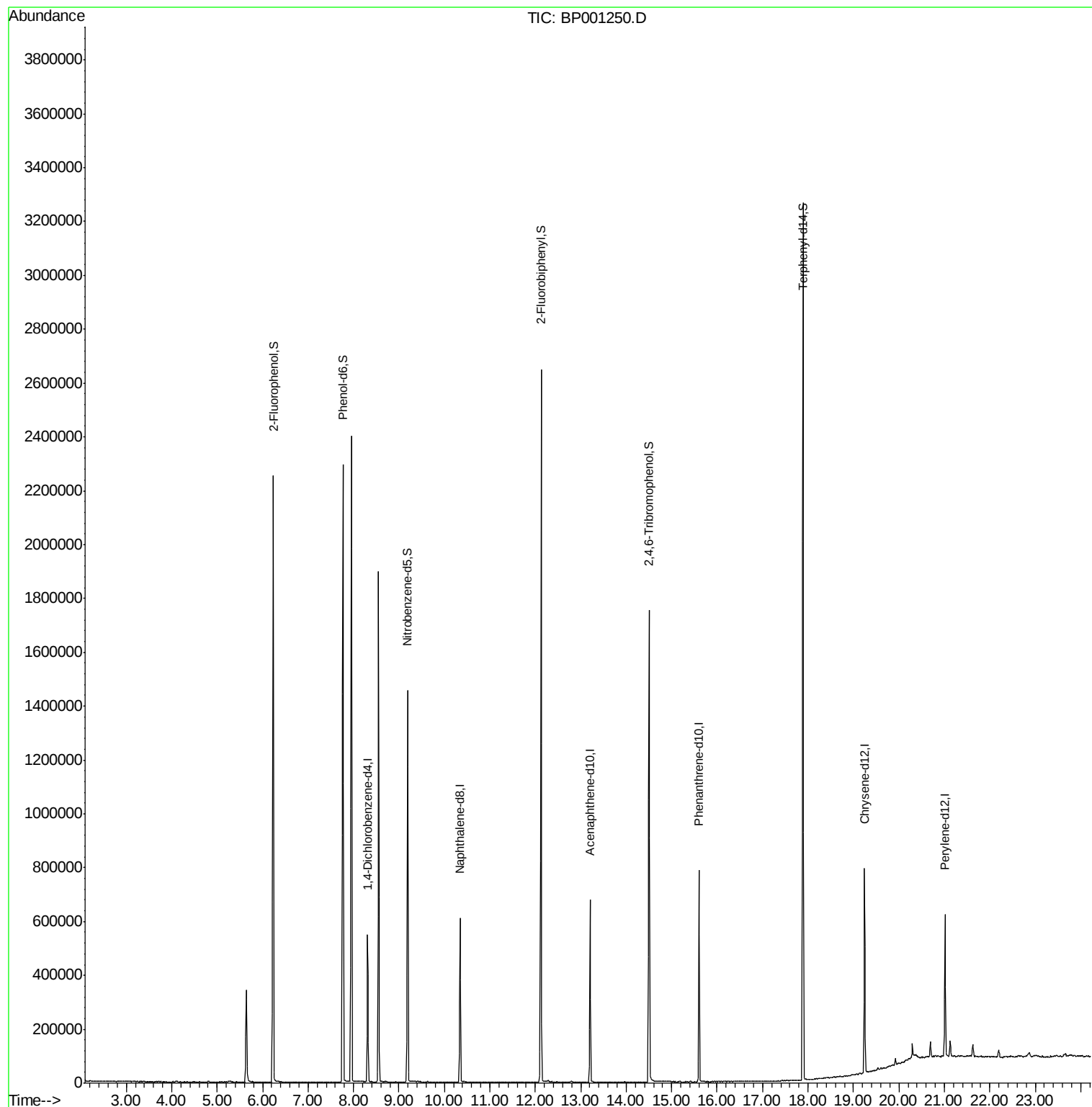
Target Compounds Qvalue

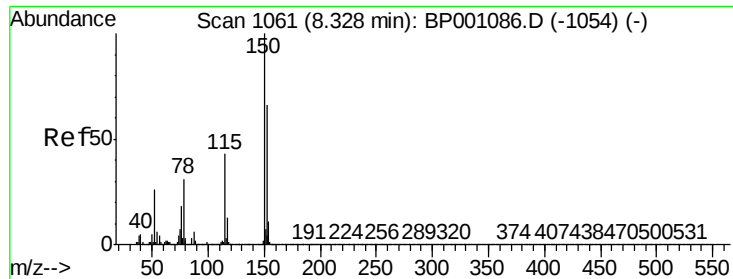
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 05 12:34:47 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

Instrument :

BNA\_P

ClientSampleId :

PB125292TB

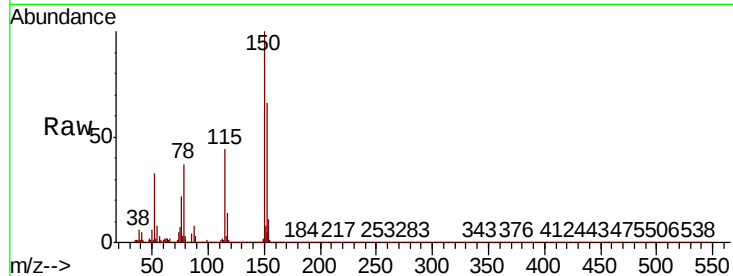
Tot Ion:152 Resp: 89814

Ion Ratio Lower Upper

152 100

150 151.8 127.3 190.9

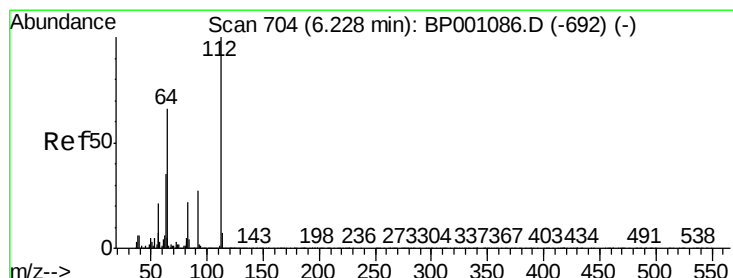
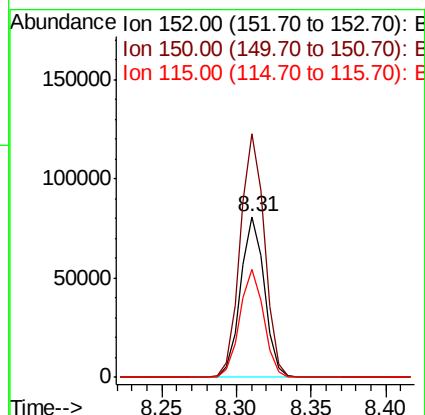
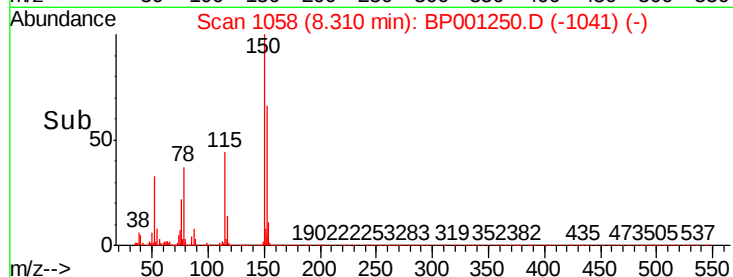
115 67.0 56.0 84.0



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: 126.650 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

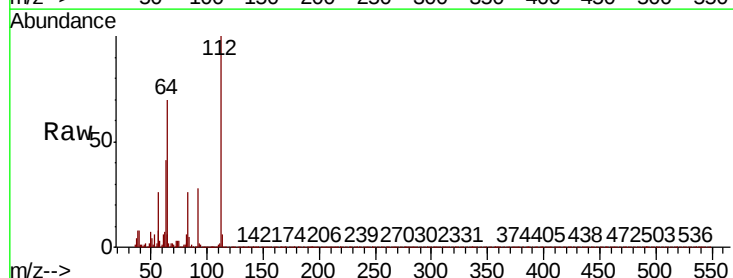
Tgt Ion:112 Resp: 685619

Ion Ratio Lower Upper

112 100

64 69.7 56.8 85.2

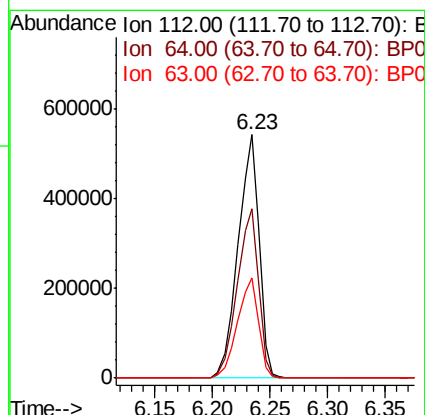
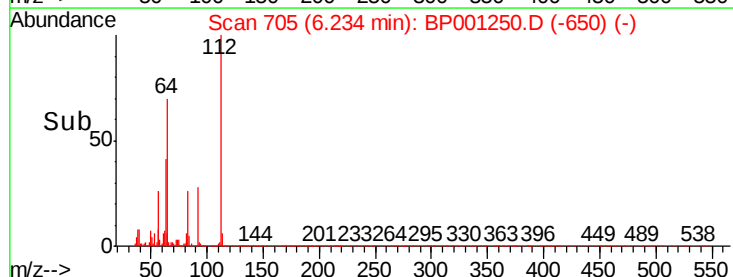
63 41.1 32.2 48.2

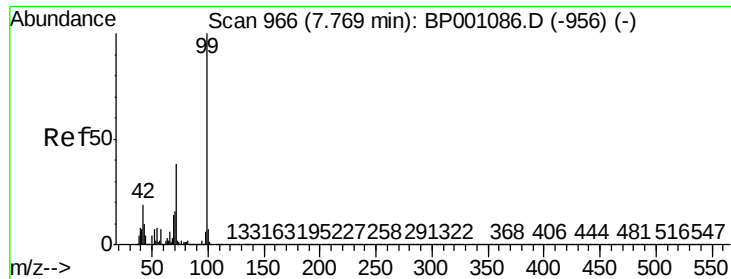


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 129.137 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

Instrument :

BNA\_P

ClientSampleId :

PB125292TB

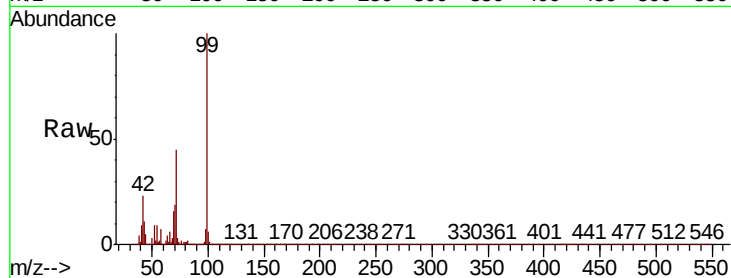
Tot Ion: 99 Resp: 931348

Ion Ratio Lower Upper

99 100

42 22.6 17.6 26.4

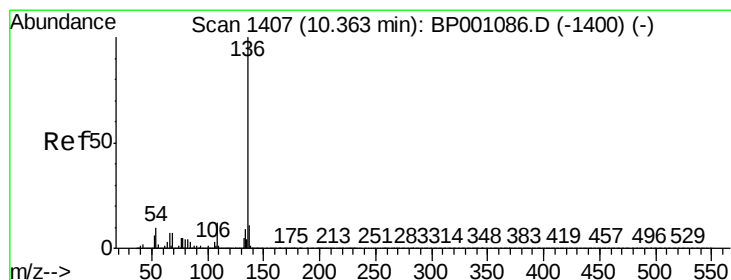
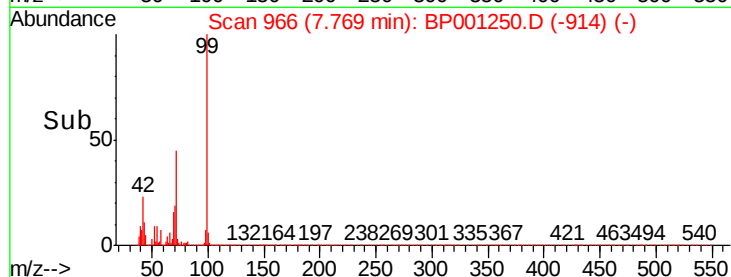
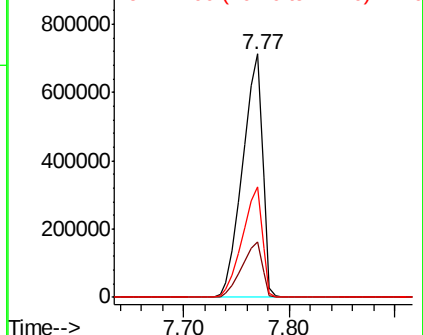
71 45.4 33.8 50.8



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: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

Tgt Ion: 136 Resp: 323973

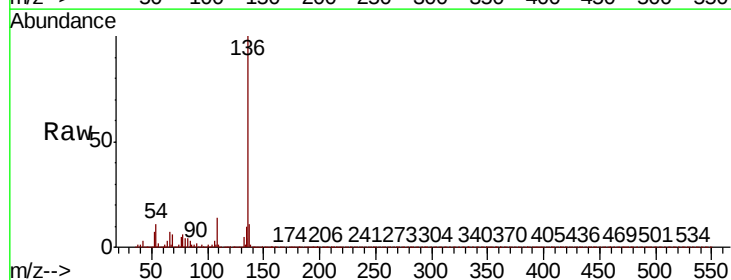
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.7 7.4 11.0

68 6.0 4.6 7.0

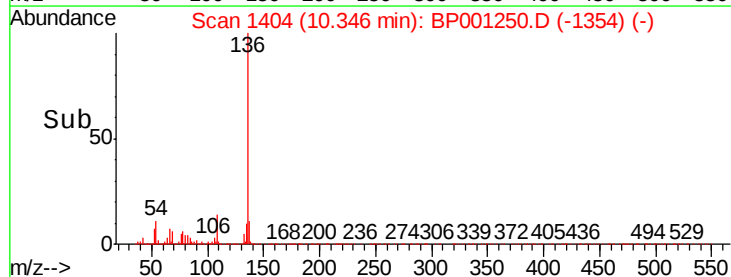
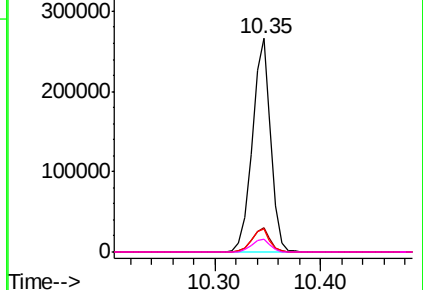


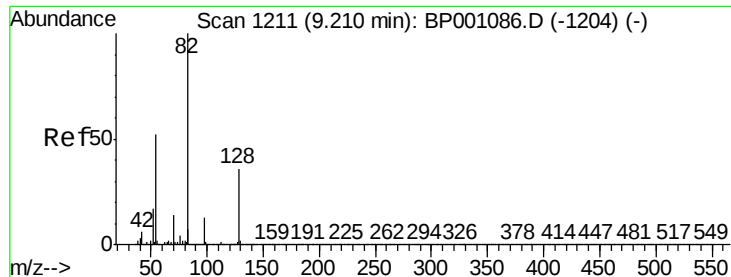
Abundance Ion 136.00 (135.70 to 136.70): E

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

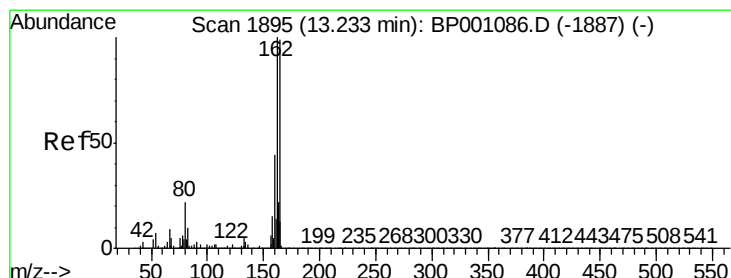
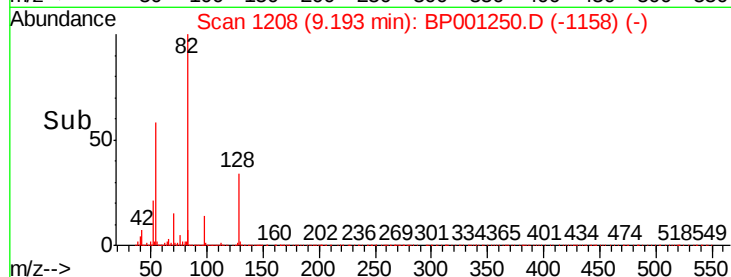
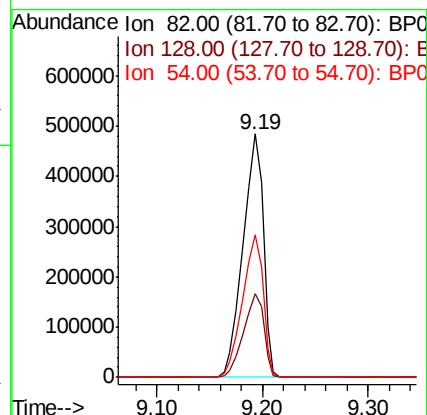
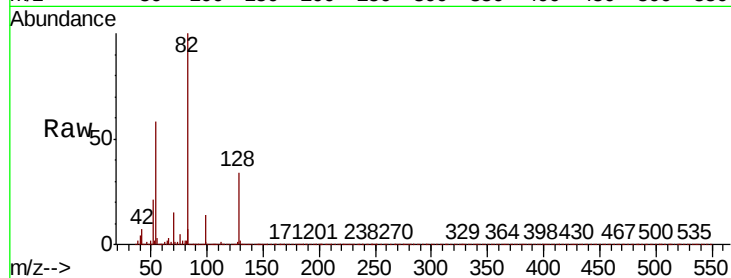




#23  
Nitrobenzene-d5  
Concen: 86.011 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. -0.01 min  
Lab File: BP001250.D  
Acq: 07 Dec 2019 13:08

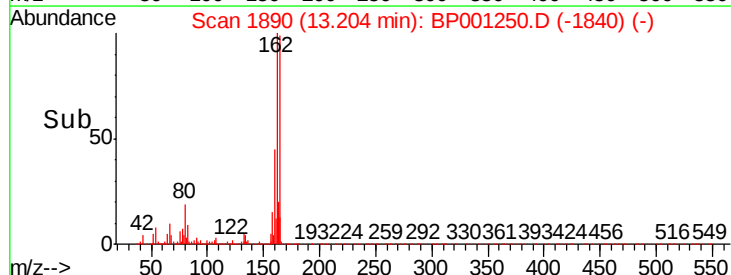
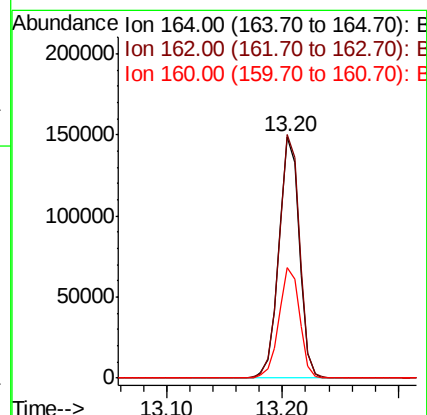
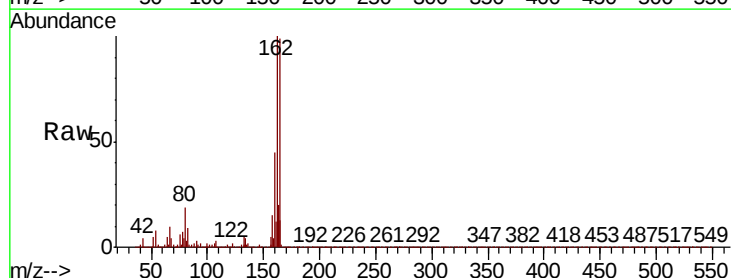
Instrument :  
BNA\_P  
ClientSampleId :  
PB125292TB

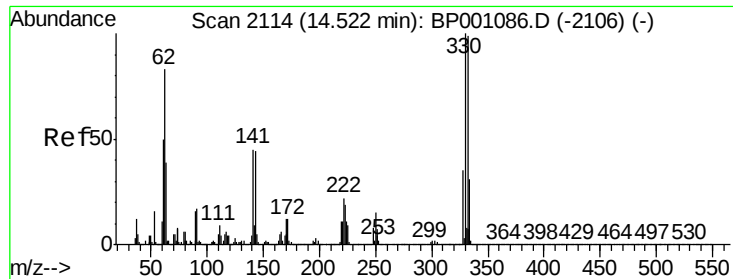
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 34.2  | 27.5  | 41.3  |
| 54      | 58.5  | 45.7  | 68.5  |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.20 min Scan# 1890  
Delta R.T. -0.01 min  
Lab File: BP001250.D  
Acq: 07 Dec 2019 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.9 | 80.7  | 121.1 |
| 160     | 45.6  | 36.3  | 54.5  |

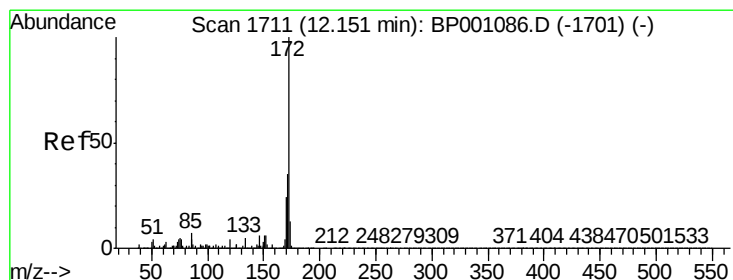
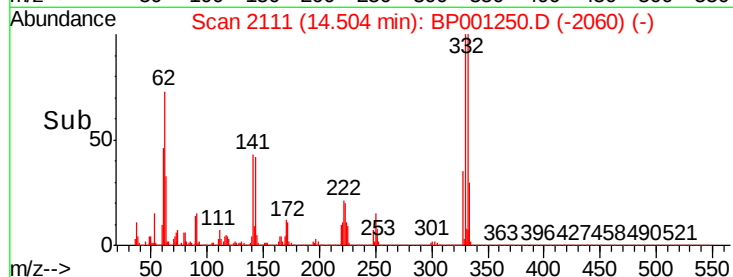
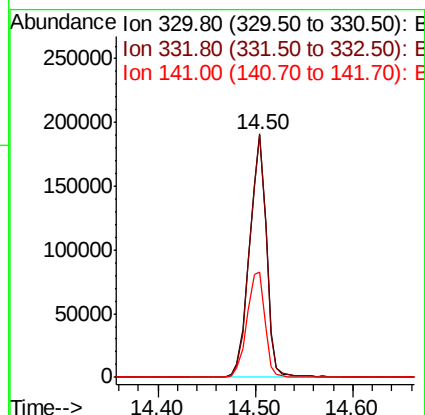
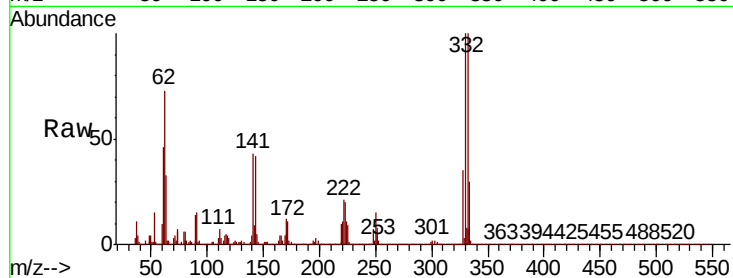




#42  
2,4,6-Tribromophenol  
Concen: 132.010 ng  
RT: 14.50 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: BP001250.D  
Acq: 07 Dec 2019 13:08

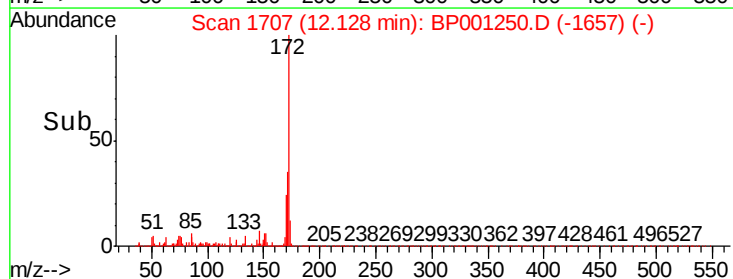
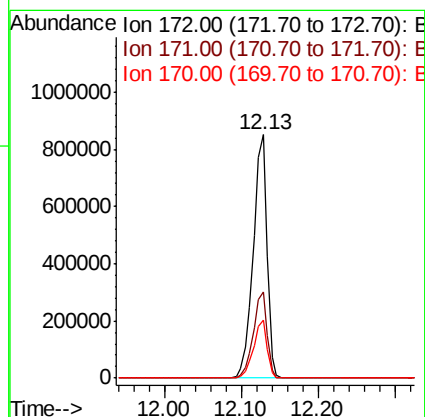
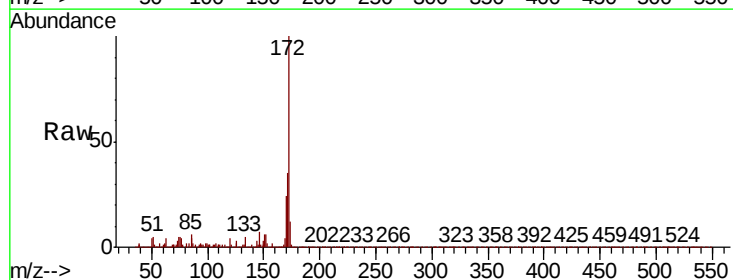
Instrument :  
BNA\_P  
ClientSampleId :  
PB125292TB

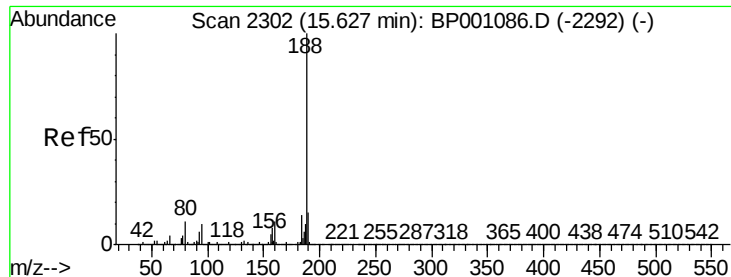
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 99.1  | 79.1  | 118.7 |
| 141     | 46.2  | 35.9  | 53.9  |



#45  
2-Fluorobiphenyl  
Concen: 85.965 ng  
RT: 12.13 min Scan# 1707  
Delta R.T. -0.01 min  
Lab File: BP001250.D  
Acq: 07 Dec 2019 13:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 28.7  | 43.1  |
| 170     | 23.8  | 19.2  | 28.8  |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

Instrument :

BNA\_P

ClientSampleId :

PB125292TB

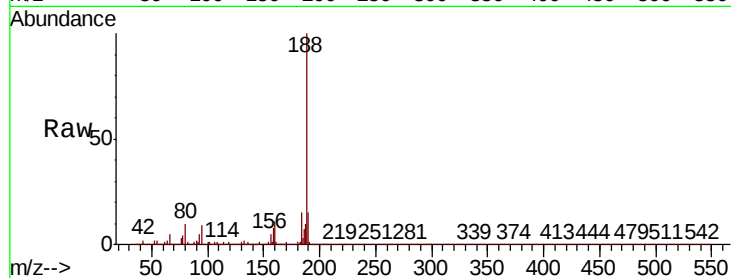
Tot Ion:188 Resp: 345990

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

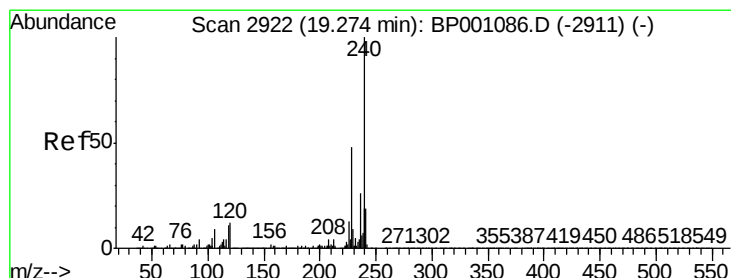
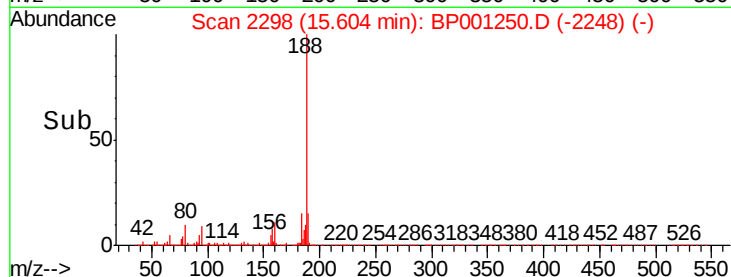
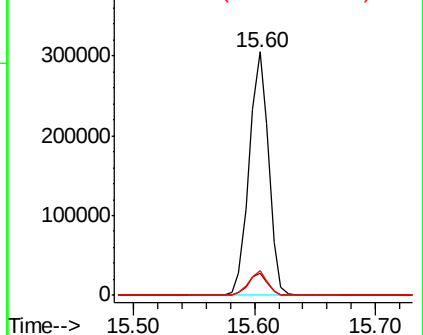
80 10.1 7.8 11.6



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: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

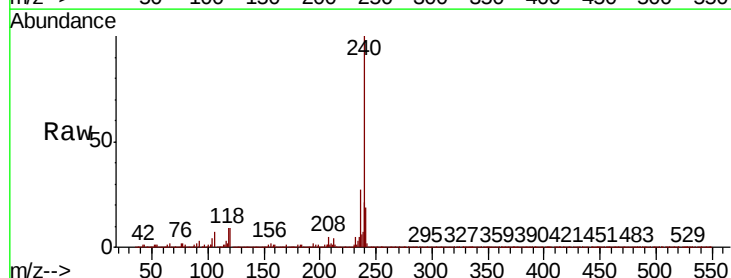
Tgt Ion:240 Resp: 273067

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

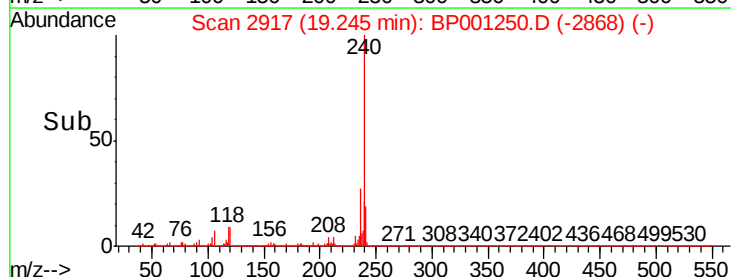
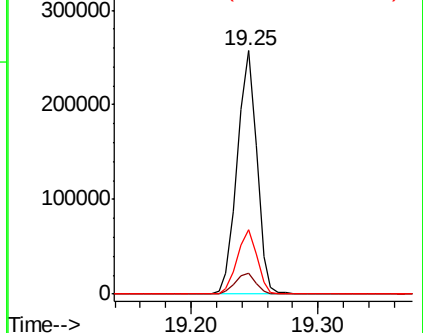
236 26.6 21.7 32.5

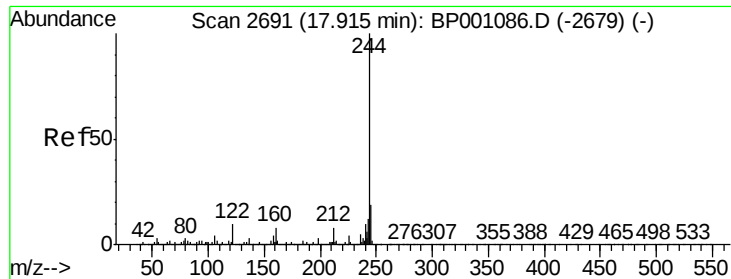


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.051 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

Instrument :

BNA\_P

ClientSampleId :

PB125292TB

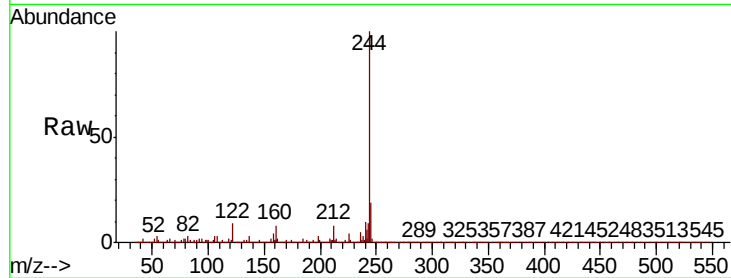
Tot Ion:244 Resp: 1314360

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

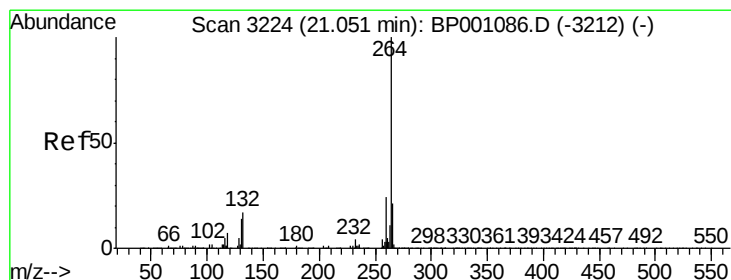
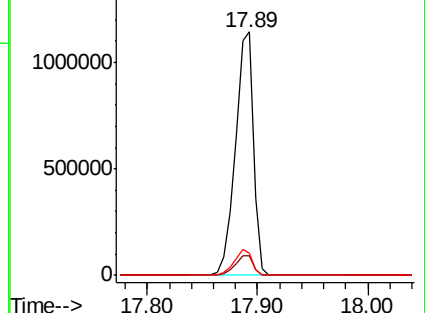
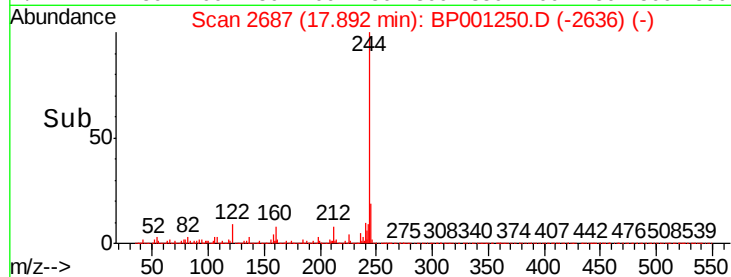
122 9.2 9.2 13.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BP001250.D

Acq: 07 Dec 2019 13:08

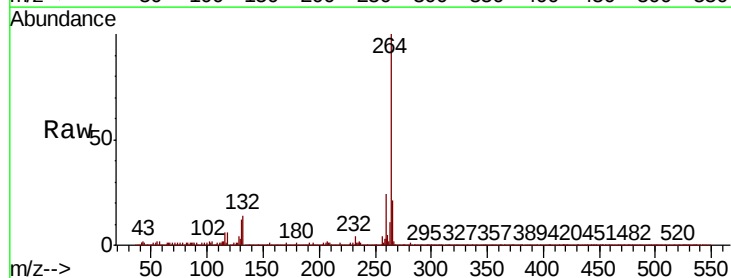
Tgt Ion:264 Resp: 271669

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.4 17.1 25.7



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

