

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\  
 Data File : BP001263.D  
 Acq On : 07 Dec 2019 19:34  
 Operator : JU  
 Sample : K6147-19  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 P001-WC008

Quant Time: Dec 09 02:41:29 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  | 67679    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.34 | 136  | 250623   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 13.20 | 164  | 147770   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 15.60 | 188  | 297068   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 19.24 | 240  | 238683   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 21.02 | 264  | 230494   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.24  | 112  | 600629   | 147.24 | ng    | 0.03     |
| 7) Phenol-d6                | 7.77  | 99   | 800938   | 147.38 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 576744   | 99.84  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 14.50 | 330  | 238438   | 168.34 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.12 | 172  | 968969   | 95.97  | ng    | -0.01    |
| 79) Terphenyl-d14           | 17.89 | 244  | 1302549  | 100.96 | ng    | 0.00     |

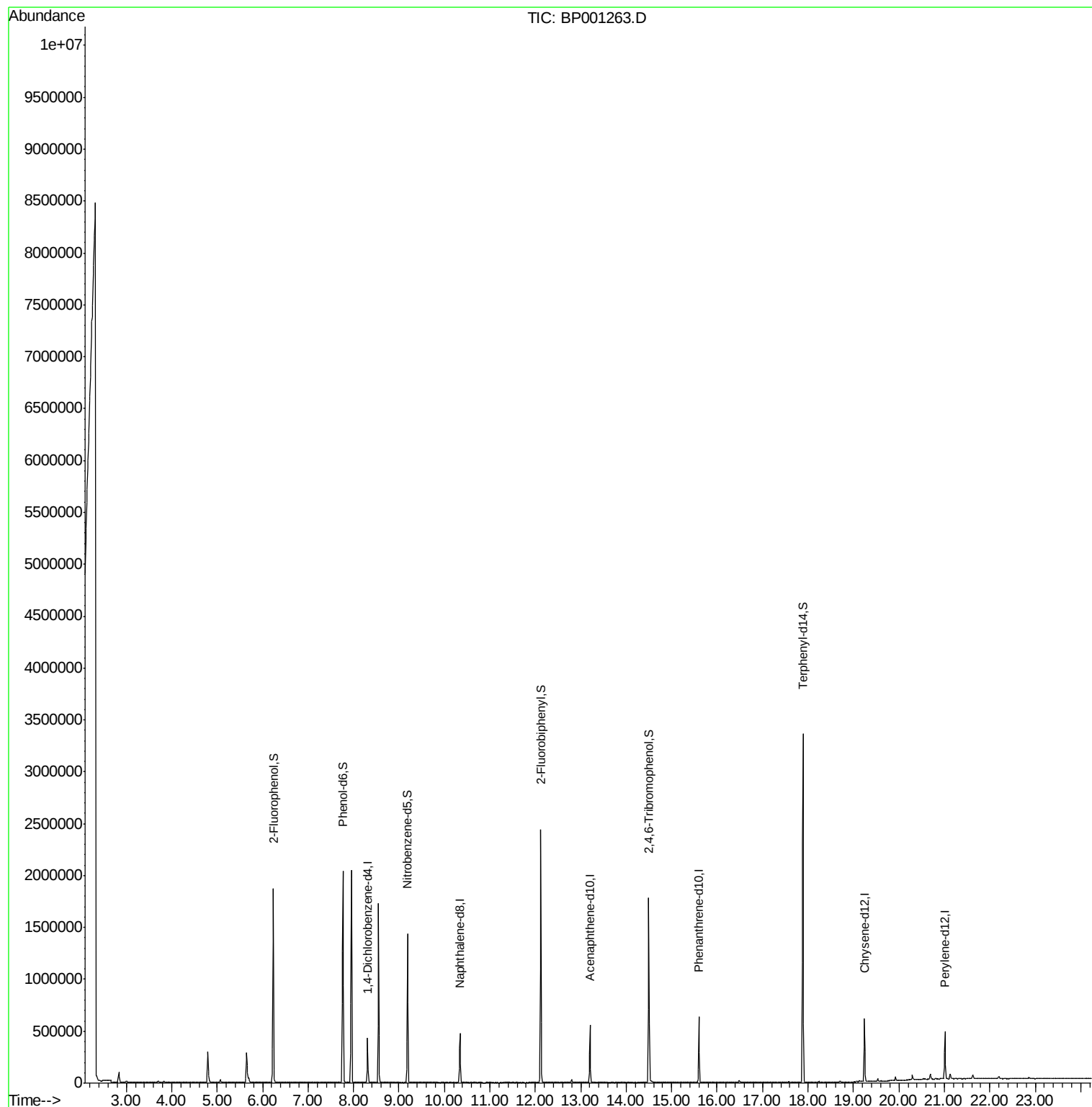
Target Compounds Qvalue

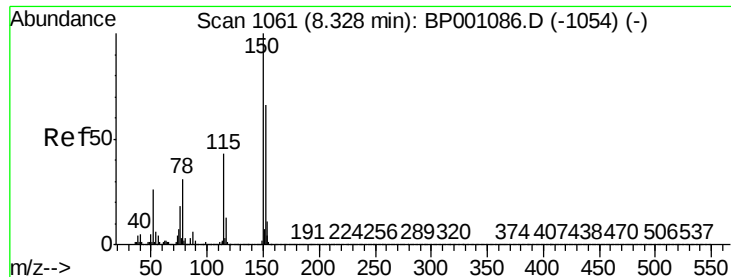
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
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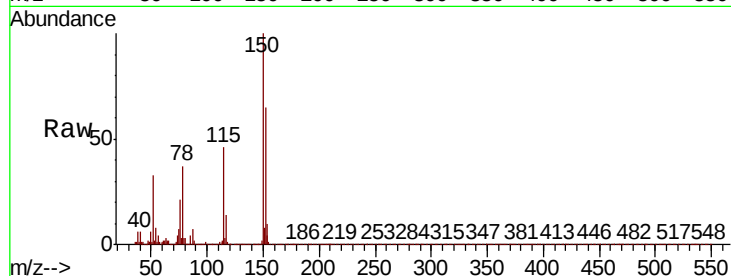




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.31 min Scan# 1058  
 Delta R.T. 0.00 min  
 Lab File: BP001263.D  
 Acq: 07 Dec 2019 19:34

Instrument :  
 BNA\_P  
 ClientSampleId :  
 P001-WC008

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.3 | 127.3 | 190.9 |
| 115     | 69.8  | 56.0  | 84.0  |

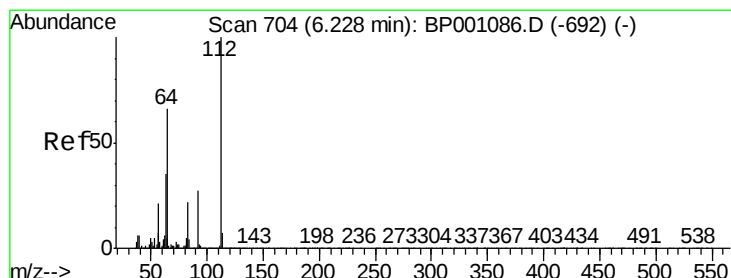
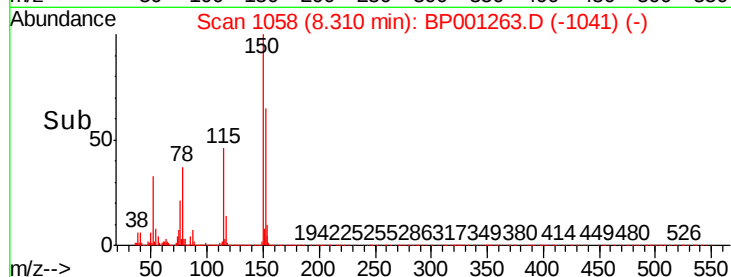
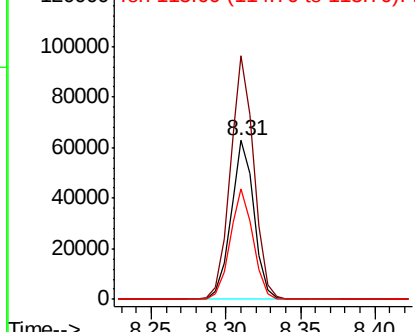


Abundance

Ion 152.00 (151.70 to 152.70): E

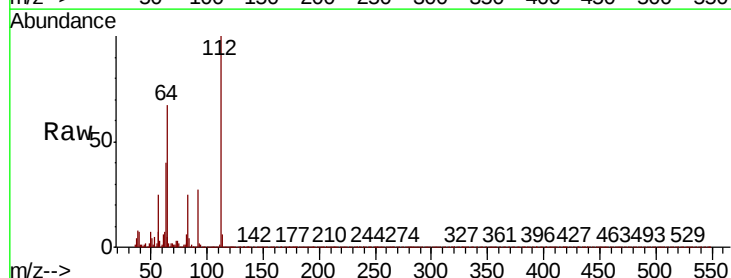
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5  
 2-Fluorophenol  
 Concen: 147.238 ng  
 RT: 6.24 min Scan# 706  
 Delta R.T. 0.03 min  
 Lab File: BP001263.D  
 Acq: 07 Dec 2019 19:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 67.2  | 56.8  | 85.2  |
| 63      | 40.1  | 32.2  | 48.2  |

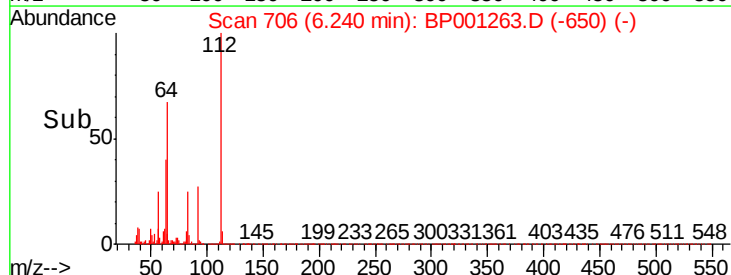
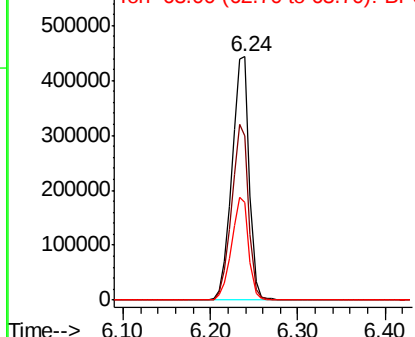


Abundance

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: 147.376 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001263.D

Acq: 07 Dec 2019 19:34

Instrument :

BNA\_P

ClientSampleId :

P001-WC008

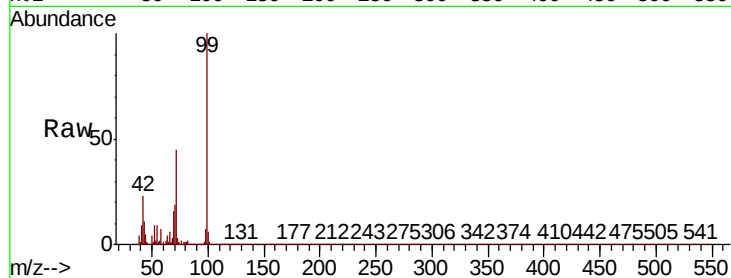
Tot Ion: 99 Resp: 800938

Ion Ratio Lower Upper

99 100

42 23.1 17.6 26.4

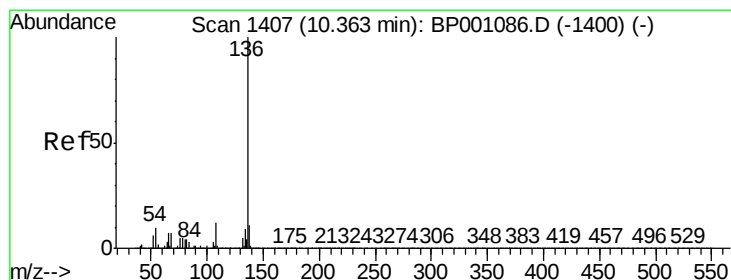
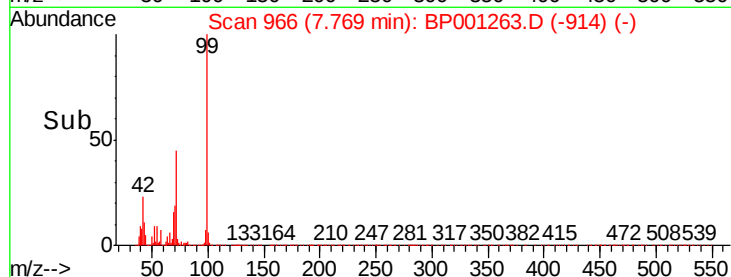
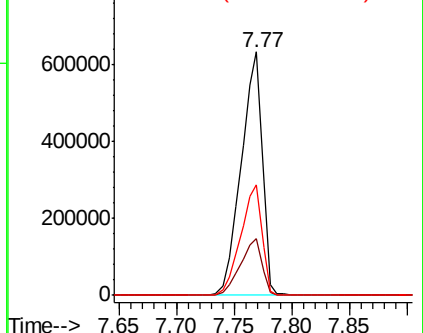
71 45.4 33.8 50.8



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: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001263.D

Acq: 07 Dec 2019 19:34

Tgt Ion: 136 Resp: 250623

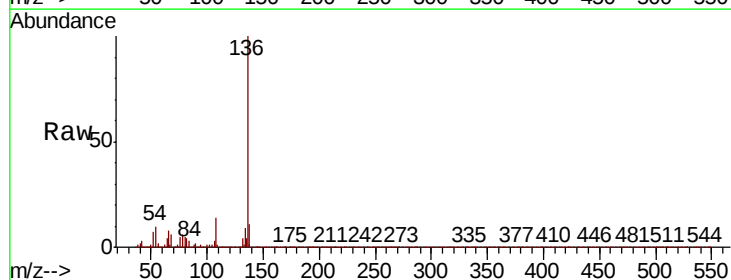
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.3 7.4 11.0

68 5.8 4.6 7.0

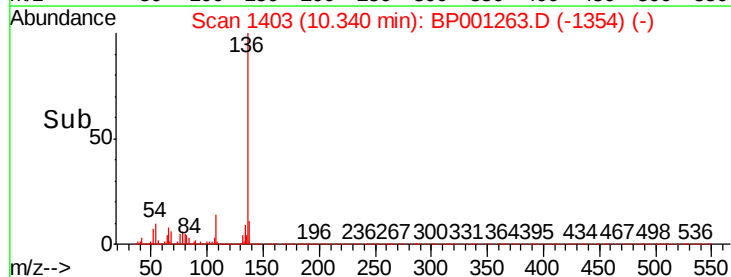
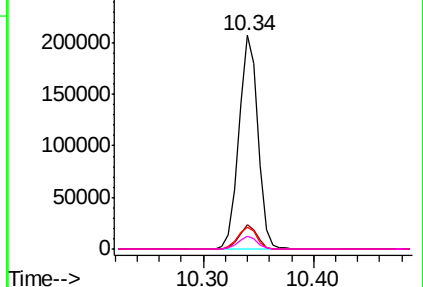


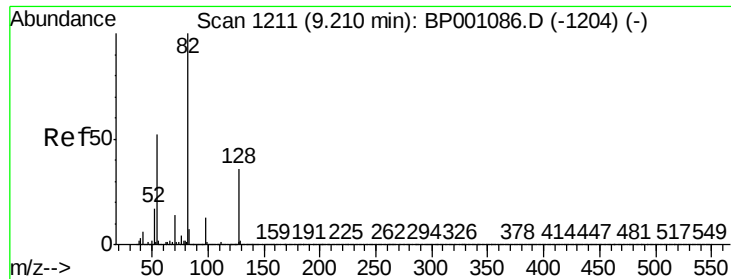
Abundance Ion 136.00 (135.70 to 136.70): E

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

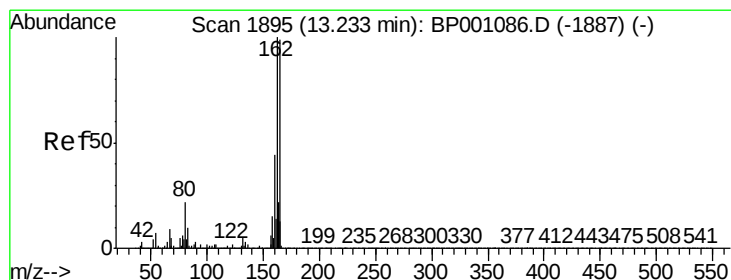
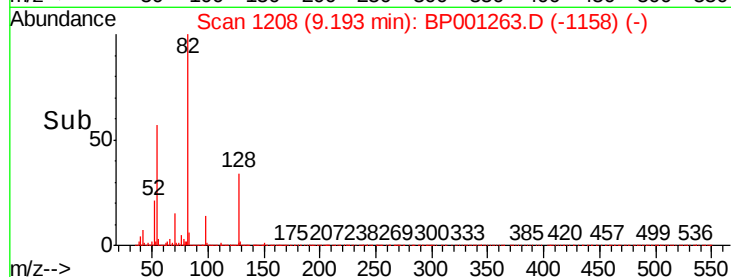
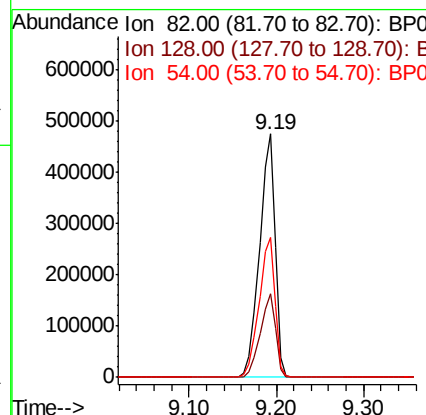
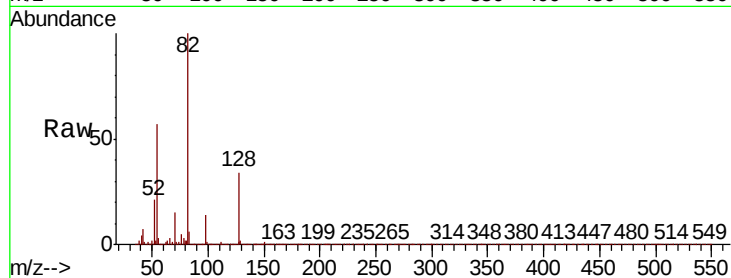




#23  
Nitrobenzene-d5  
Concen: 99.841 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. -0.01 min  
Lab File: BP001263.D  
Acq: 07 Dec 2019 19:34

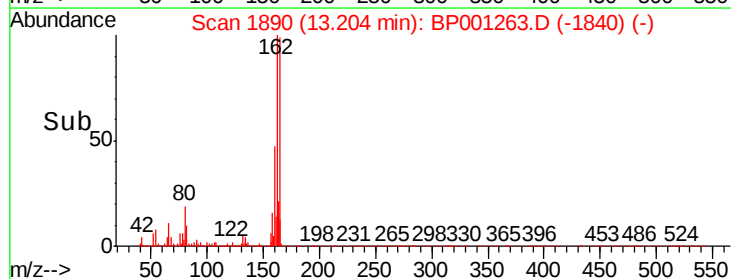
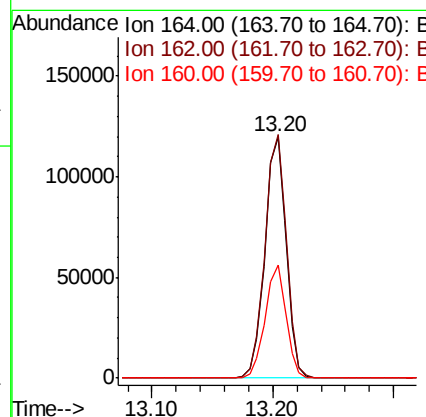
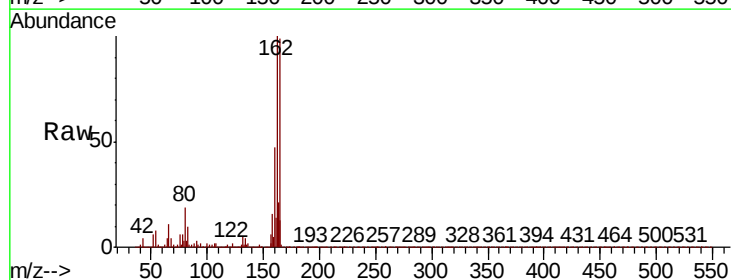
Instrument :  
BNA\_P  
ClientSampleId :  
P001-WC008

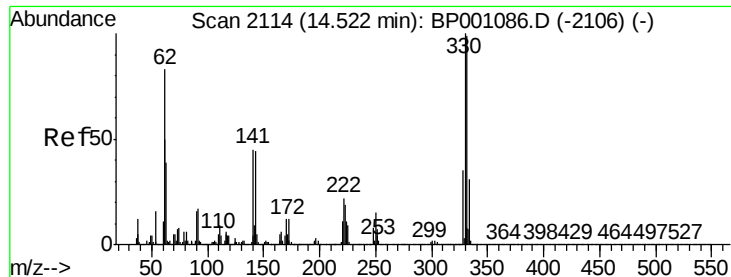
| Tot Ion   | 82    | Resp  | 576744 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.1  | 27.5  | 41.3   |
| 54        | 57.3  | 45.7  | 68.5   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.20 min Scan# 1890  
Delta R.T. -0.01 min  
Lab File: BP001263.D  
Acq: 07 Dec 2019 19:34

| Tgt Ion   | 164   | Resp  | 147770 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 100.9 | 80.7  | 121.1  |
| 160       | 46.9  | 36.3  | 54.5   |

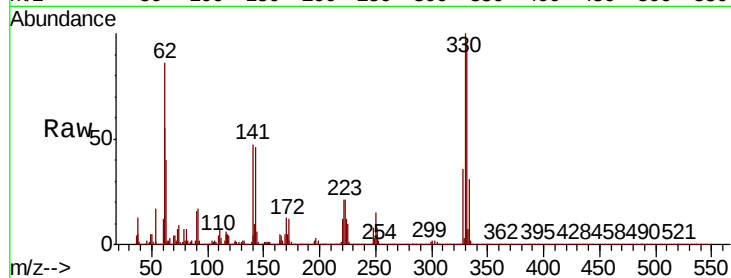




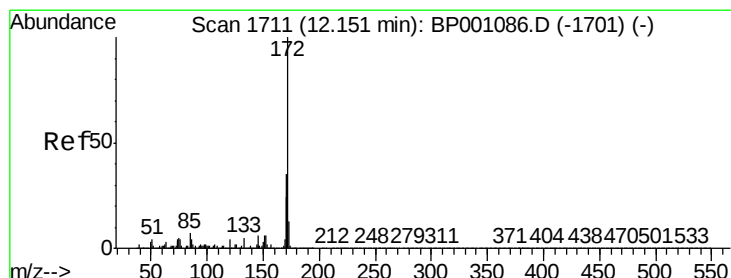
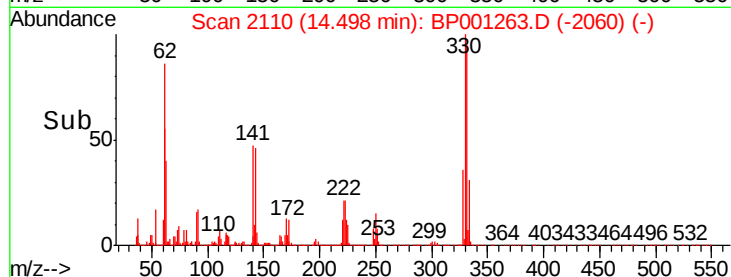
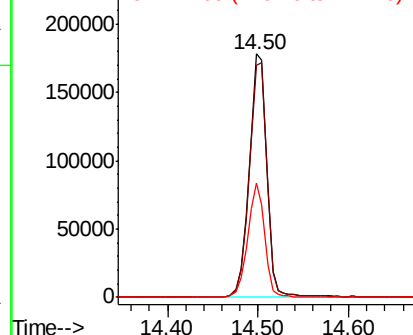
#42  
2,4,6-Tribromophenol  
Concen: 168.344 ng  
RT: 14.50 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BP001263.D  
Acq: 07 Dec 2019 19:34

Instrument :  
BNA\_P  
ClientSampleId :  
P001-WC008

Tot Ion:330 Resp: 238438  
Ion Ratio Lower Upper  
330 100  
332 98.3 79.1 118.7  
141 45.5 35.9 53.9

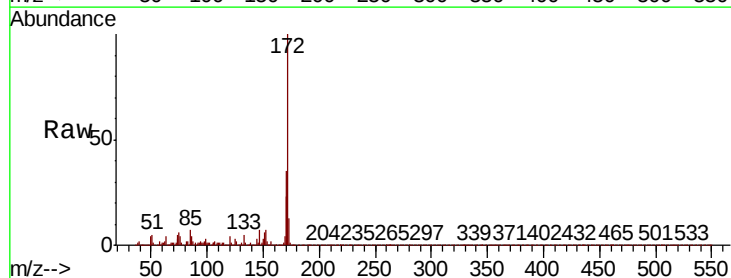


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

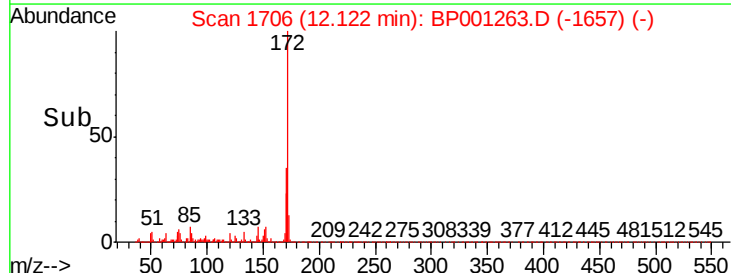
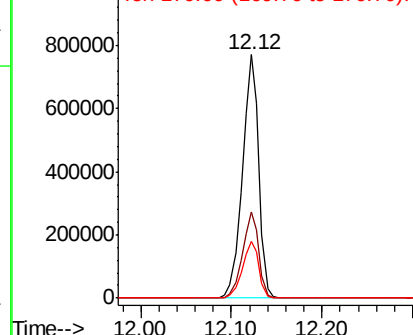


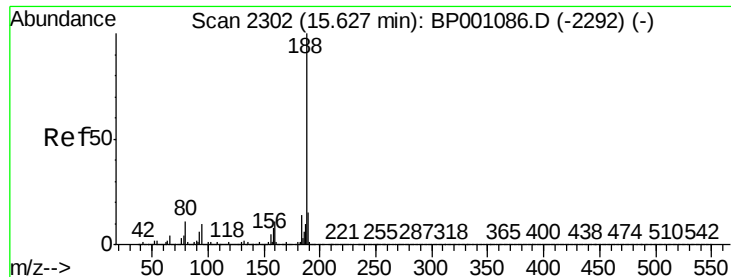
#45  
2-Fluorobiphenyl  
Concen: 95.971 ng  
RT: 12.12 min Scan# 1706  
Delta R.T. -0.01 min  
Lab File: BP001263.D  
Acq: 07 Dec 2019 19:34

Tgt Ion:172 Resp: 968969  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.7 43.1  
170 23.4 19.2 28.8



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

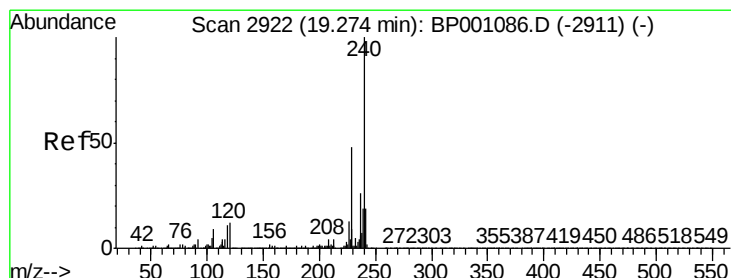
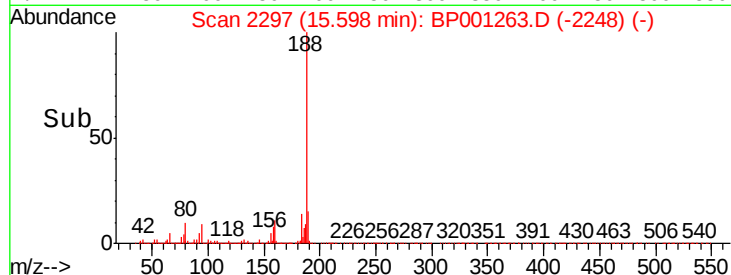
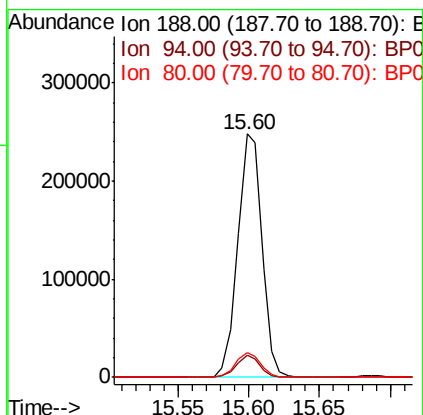
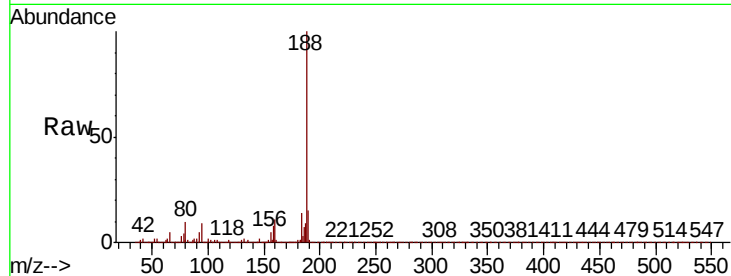




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 15.60 min Scan# 2297  
Delta R.T. -0.01 min  
Lab File: BP001263.D  
Acq: 07 Dec 2019 19:34

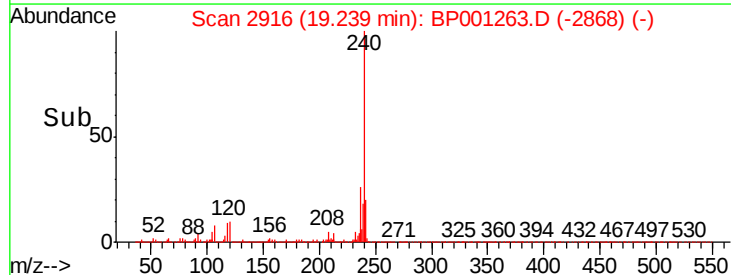
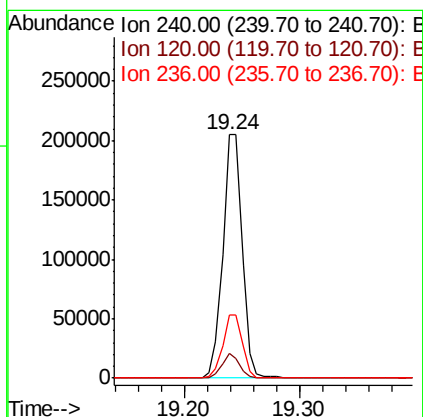
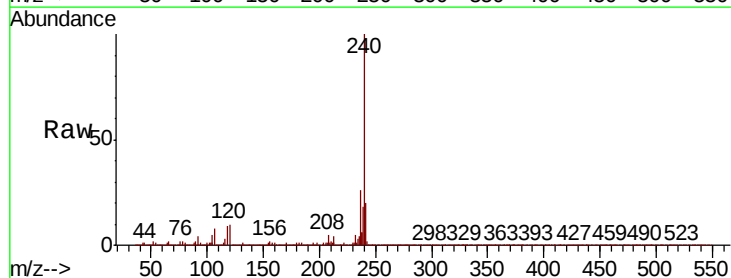
Instrument :  
BNA\_P  
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P001-WC008

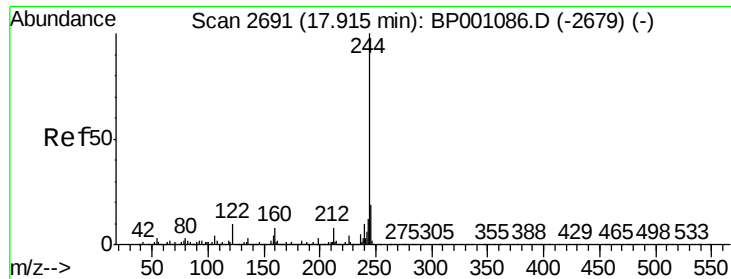
Tot Ion:188 Resp: 297068  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.1 10.7  
80 10.0 7.8 11.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 19.24 min Scan# 2916  
Delta R.T. -0.02 min  
Lab File: BP001263.D  
Acq: 07 Dec 2019 19:34

Tgt Ion:240 Resp: 238683  
Ion Ratio Lower Upper  
240 100  
120 10.4 7.0 10.6  
236 25.9 21.7 32.5





#79

Terphenyl-d14

Concen: 100.964 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001263.D

Acq: 07 Dec 2019 19:34

Instrument :

BNA\_P

ClientSampleId :

P001-WC008

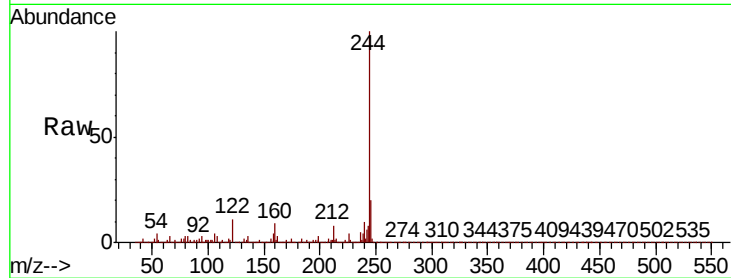
Tot Ion:244 Resp: 1302549

Ion Ratio Lower Upper

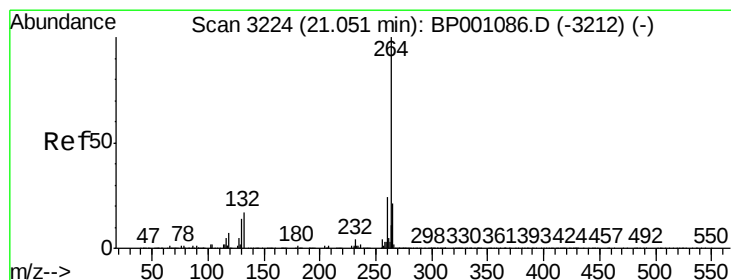
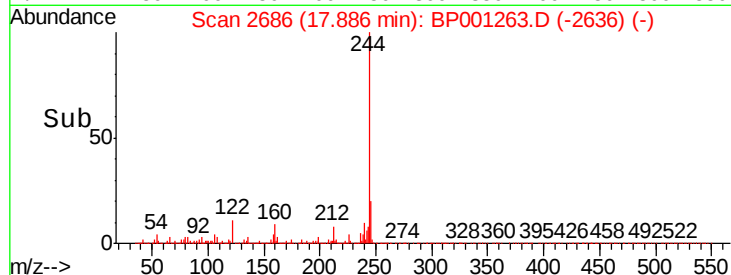
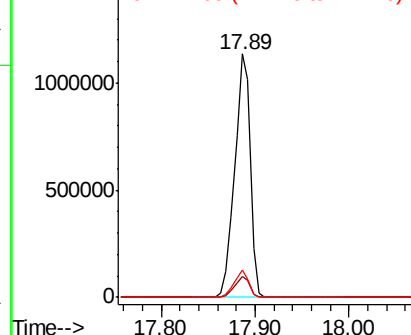
244 100

212 8.4 6.6 9.8

122 11.5 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: BP001263.D

Acq: 07 Dec 2019 19:34

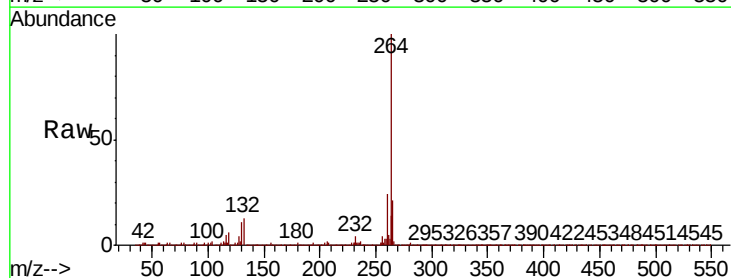
Tgt Ion:264 Resp: 230494

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.3 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

