

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031723\  
 Data File : BP014116.D  
 Acq On : 17 Mar 2023 12:08  
 Operator : CG/JU  
 Sample : PB151460BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB151460BL

Quant Time: Mar 18 00:22:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 18 00:19:43 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.063  | 152  | 193578   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.887 | 136  | 756778   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.704 | 164  | 483948   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.463 | 188  | 1001690  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.545 | 240  | 716821   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.086 | 264  | 610147   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.611  | 112  | 1627007  | 136.306 | ng    | 0.00     |
| 7) Phenol-d6                | 7.222  | 99   | 2123413  | 135.494 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.240  | 82   | 1428959  | 86.302  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.204 | 330  | 943166   | 120.202 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.328 | 172  | 3058001  | 81.866  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.004 | 244  | 4228177  | 97.263  | ng    | 0.00     |

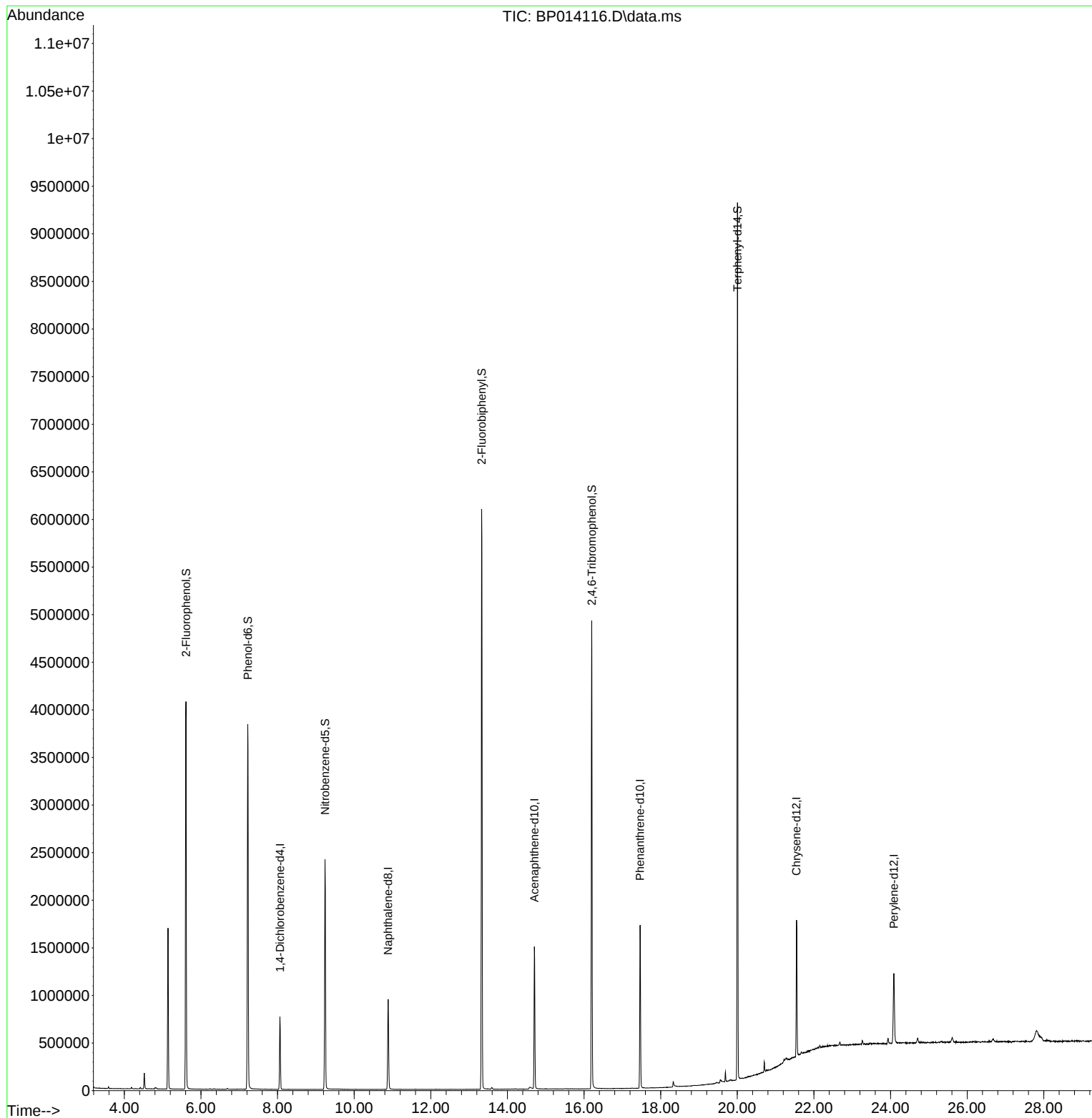
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

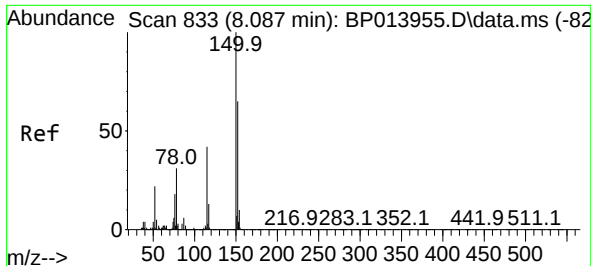
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031723\  
Data File : BP014116.D  
Acq On : 17 Mar 2023 12:08  
Operator : CG/JU  
Sample : PB151460BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB151460BL

Quant Time: Mar 18 00:22:57 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 18 00:19:43 2023  
Response via : Initial Calibration

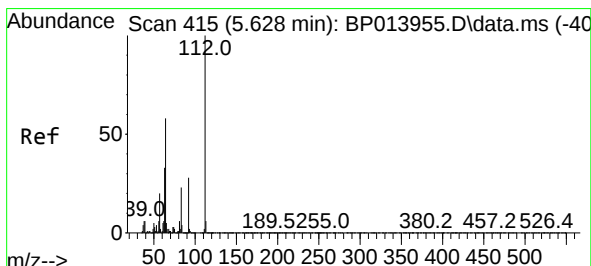
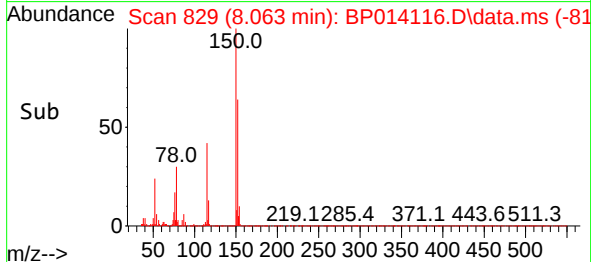
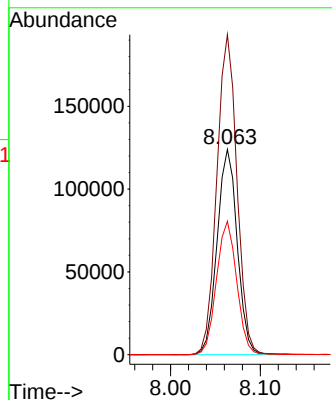
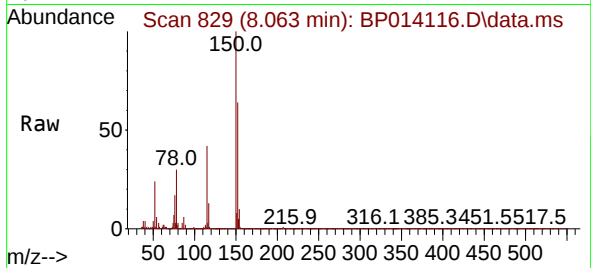




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.063 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP014116.D  
Acq: 17 Mar 2023 12:08

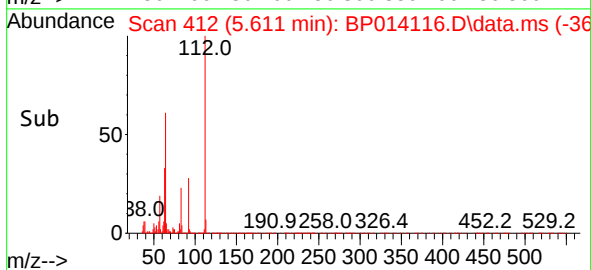
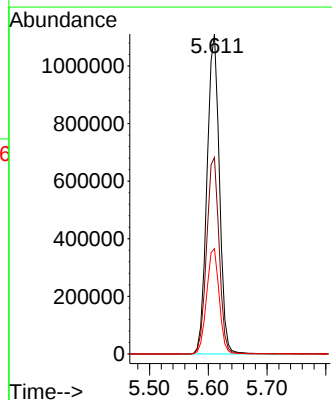
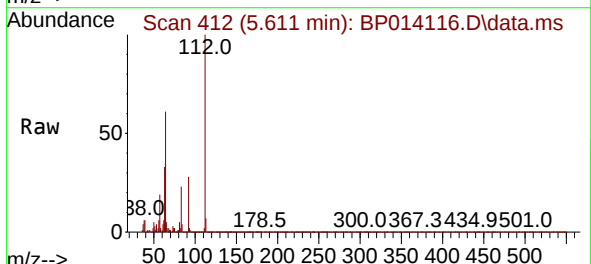
Instrument :  
BNA\_P  
ClientSampleId :  
PB151460BL

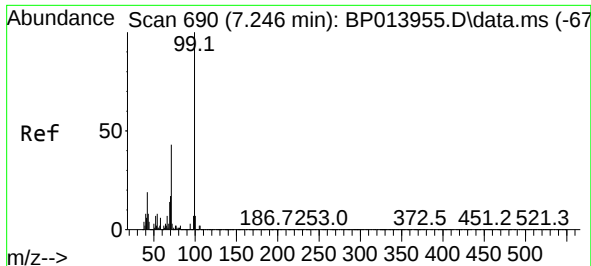
Tgt Ion:152 Resp: 193578  
Ion Ratio Lower Upper  
152 100  
150 155.8 122.3 183.5  
115 65.0 51.6 77.4



#5  
2-Fluorophenol  
Concen: 136.306 ng  
RT: 5.611 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: BP014116.D  
Acq: 17 Mar 2023 12:08

Tgt Ion:112 Resp: 1627007  
Ion Ratio Lower Upper  
112 100  
64 61.4 46.7 70.1  
63 32.9 26.6 40.0



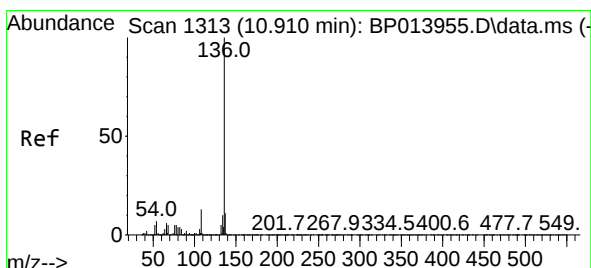
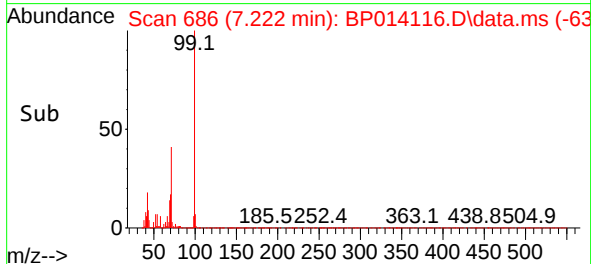
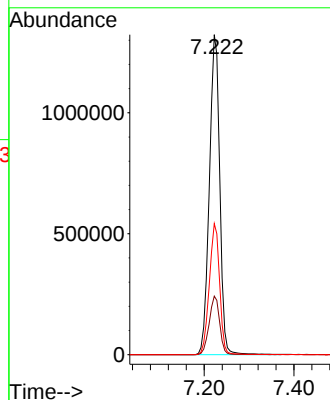
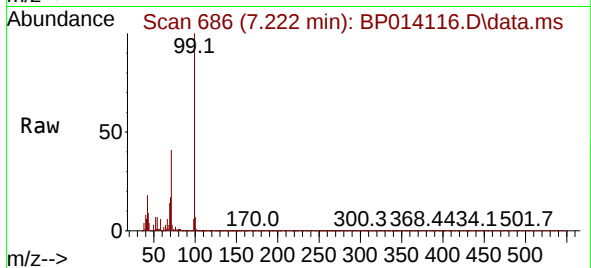


#7  
Phenol-d6  
Concen: 135.494 ng  
RT: 7.222 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP014116.D  
Acq: 17 Mar 2023 12:08

Instrument :  
BNA\_P  
ClientSampleId :  
PB151460BL

Tgt Ion: 99 Resp: 2123413

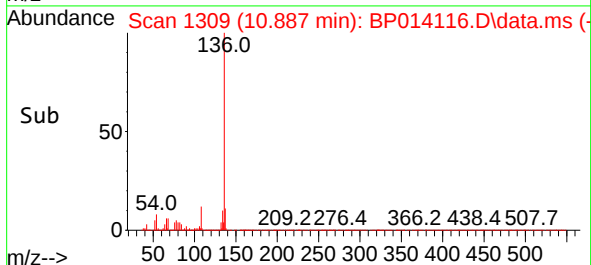
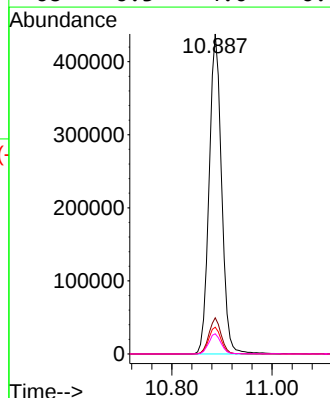
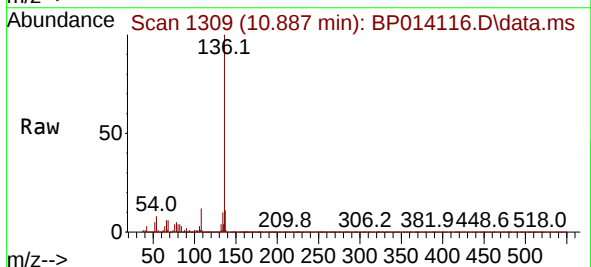
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.3  | 15.0  | 22.6  |
| 71  | 40.9  | 34.3  | 51.5  |

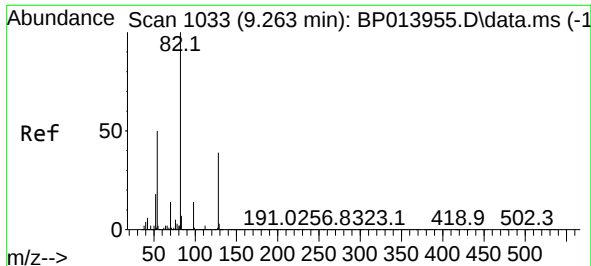


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.887 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BP014116.D  
Acq: 17 Mar 2023 12:08

Tgt Ion:136 Resp: 756778

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.7   | 13.1  |
| 54  | 8.3   | 5.8   | 8.8   |
| 68  | 6.3   | 4.0   | 6.0   |





#23

Nitrobenzene-d5

Concen: 86.302 ng

RT: 9.240 min Scan# 1029

Delta R.T. -0.000 min

Lab File: BP014116.D

Acq: 17 Mar 2023 12:08

Instrument :

BNA\_P

ClientSampleId :

PB151460BL

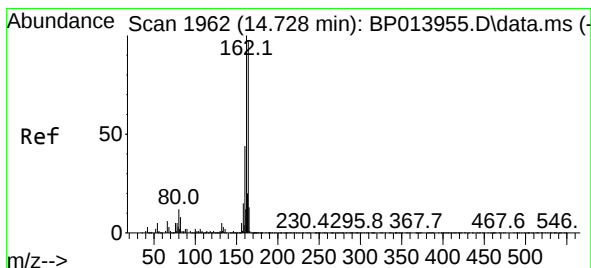
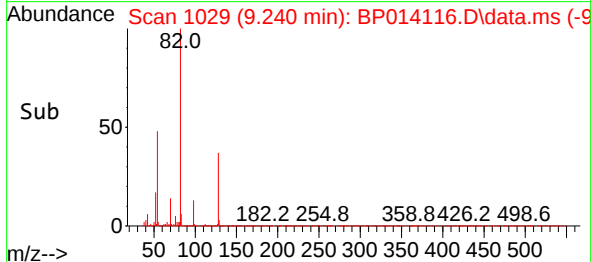
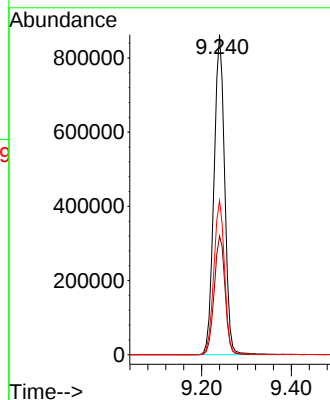
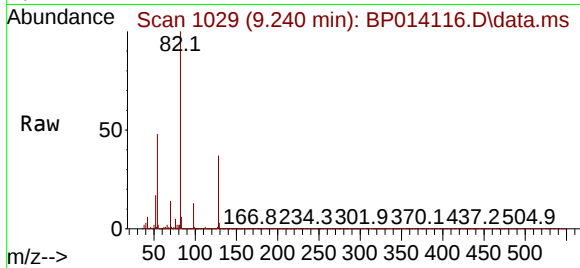
Tgt Ion: 82 Resp: 1428959

Ion Ratio Lower Upper

82 100

128 37.0 31.1 46.7

54 48.1 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BP014116.D

Acq: 17 Mar 2023 12:08

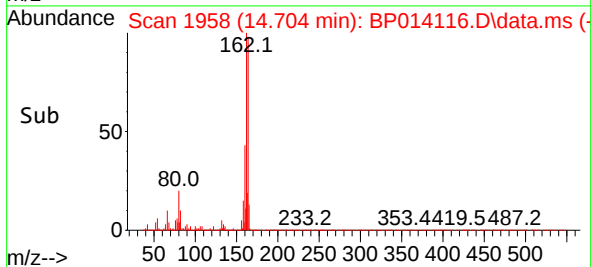
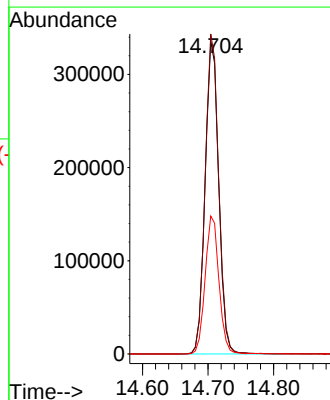
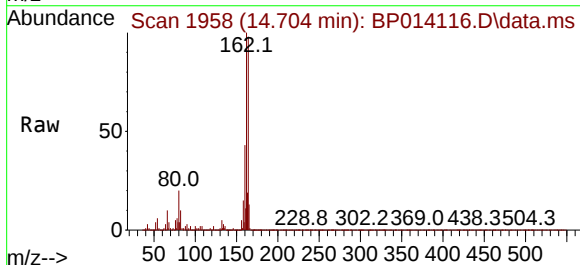
Tgt Ion: 164 Resp: 483948

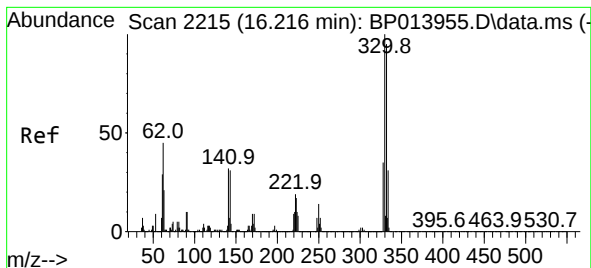
Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

160 44.1 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 120.202 ng

RT: 16.204 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014116.D

Acq: 17 Mar 2023 12:08

Instrument :

BNA\_P

ClientSampleId :

PB151460BL

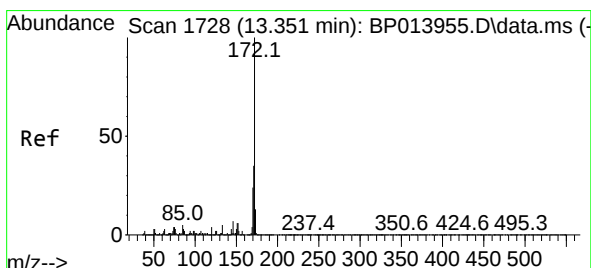
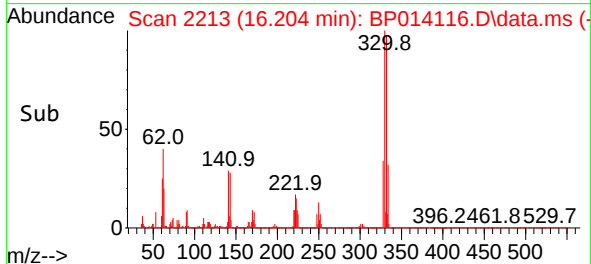
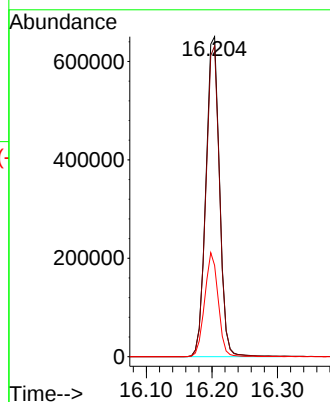
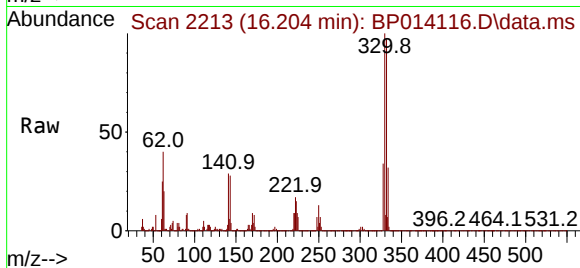
Tgt Ion:330 Resp: 943166

Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

141 32.2 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 81.866 ng

RT: 13.328 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BP014116.D

Acq: 17 Mar 2023 12:08

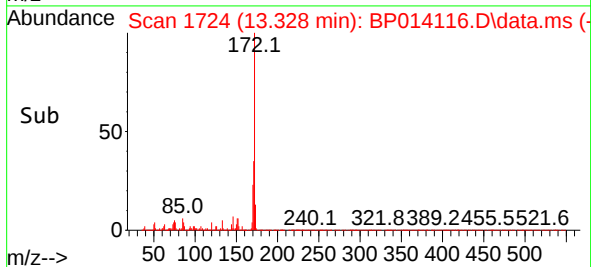
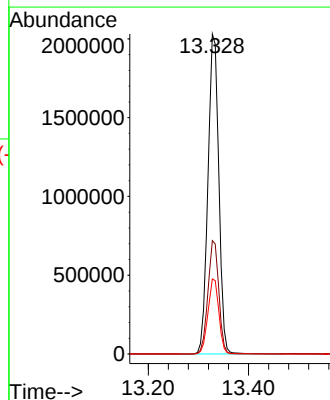
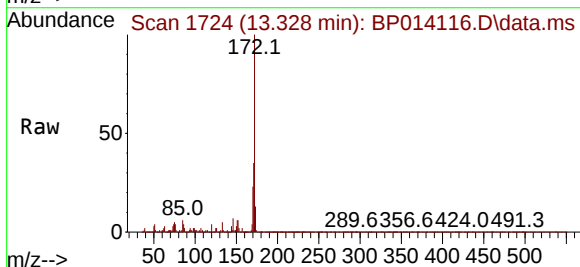
Tgt Ion:172 Resp: 3058001

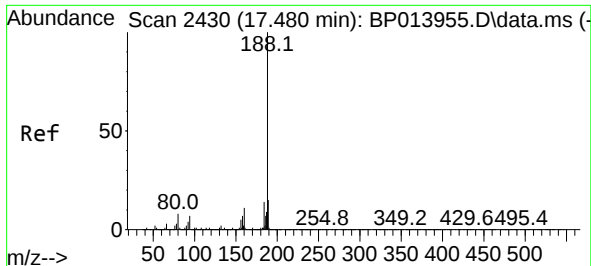
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.0 28.4

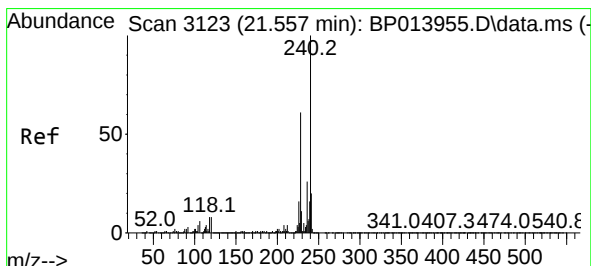
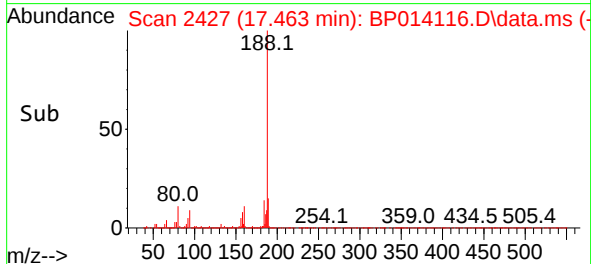
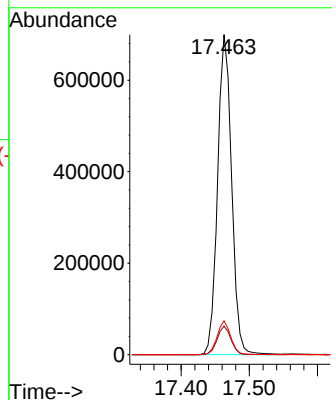
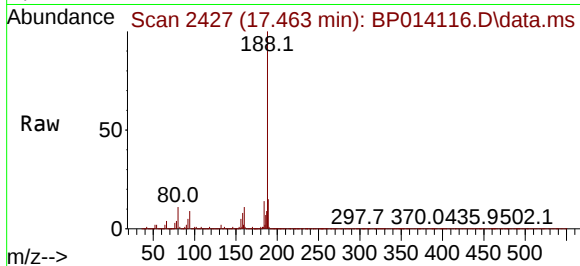




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.463 min Scan# 2430  
Delta R.T. -0.006 min  
Lab File: BP014116.D  
Acq: 17 Mar 2023 12:08

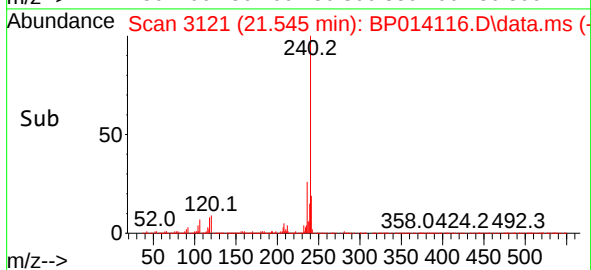
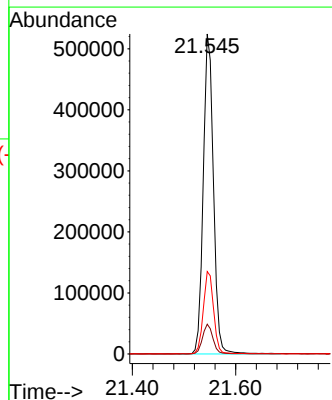
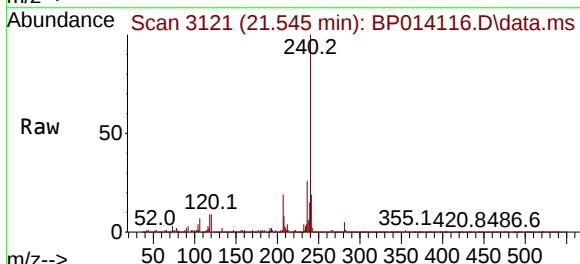
Instrument :  
BNA\_P  
ClientSampleId :  
PB151460BL

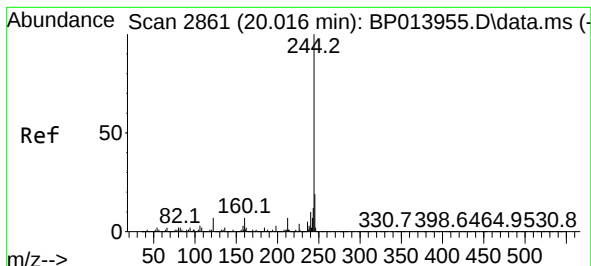
Tgt Ion:188 Resp: 1001690  
Ion Ratio Lower Upper  
188 100  
94 8.9 5.8 8.6#  
80 10.6 6.6 9.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.545 min Scan# 3121  
Delta R.T. -0.006 min  
Lab File: BP014116.D  
Acq: 17 Mar 2023 12:08

Tgt Ion:240 Resp: 716821  
Ion Ratio Lower Upper  
240 100  
120 9.3 6.4 9.6  
236 25.7 21.2 31.8





#79

Terphenyl-d14

Concen: 97.263 ng

RT: 20.004 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014116.D

Acq: 17 Mar 2023 12:08

Instrument :

BNA\_P

ClientSampleId :

PB151460BL

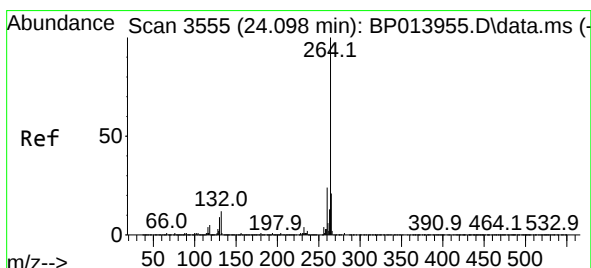
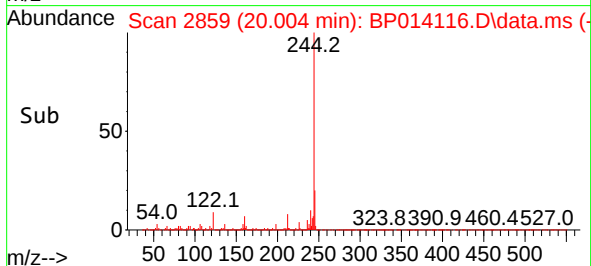
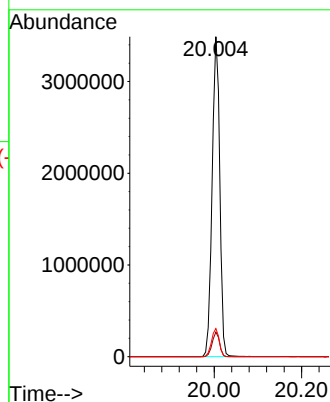
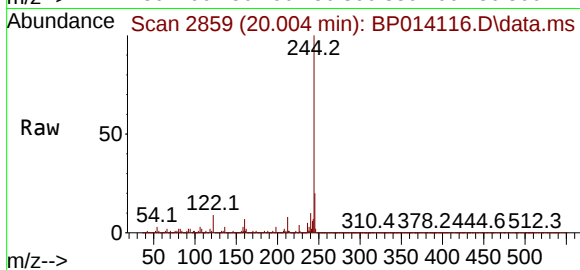
Tgt Ion:244 Resp: 4228177

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 8.8 5.8 8.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.086 min Scan# 3553

Delta R.T. -0.000 min

Lab File: BP014116.D

Acq: 17 Mar 2023 12:08

Tgt Ion:264 Resp: 610147

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 23.3 17.8 26.8

