

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021424\  
 Data File : BP019694.D  
 Acq On : 14 Feb 2024 10:52  
 Operator : MA/JU  
 Sample : PB158998BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB158998BL

Quant Time: Feb 14 11:24:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.905  | 152  | 59449    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.704 | 136  | 207320   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.540 | 164  | 131138   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.298 | 188  | 306872   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.386 | 240  | 314591   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.810 | 264  | 383738   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 438333   | 118.851 | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 544378   | 109.469 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.075  | 82   | 378509   | 79.111  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.034 | 330  | 292186   | 152.601 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.169 | 172  | 842298   | 79.403  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.863 | 244  | 1619681  | 84.670  | ng    | 0.00     |

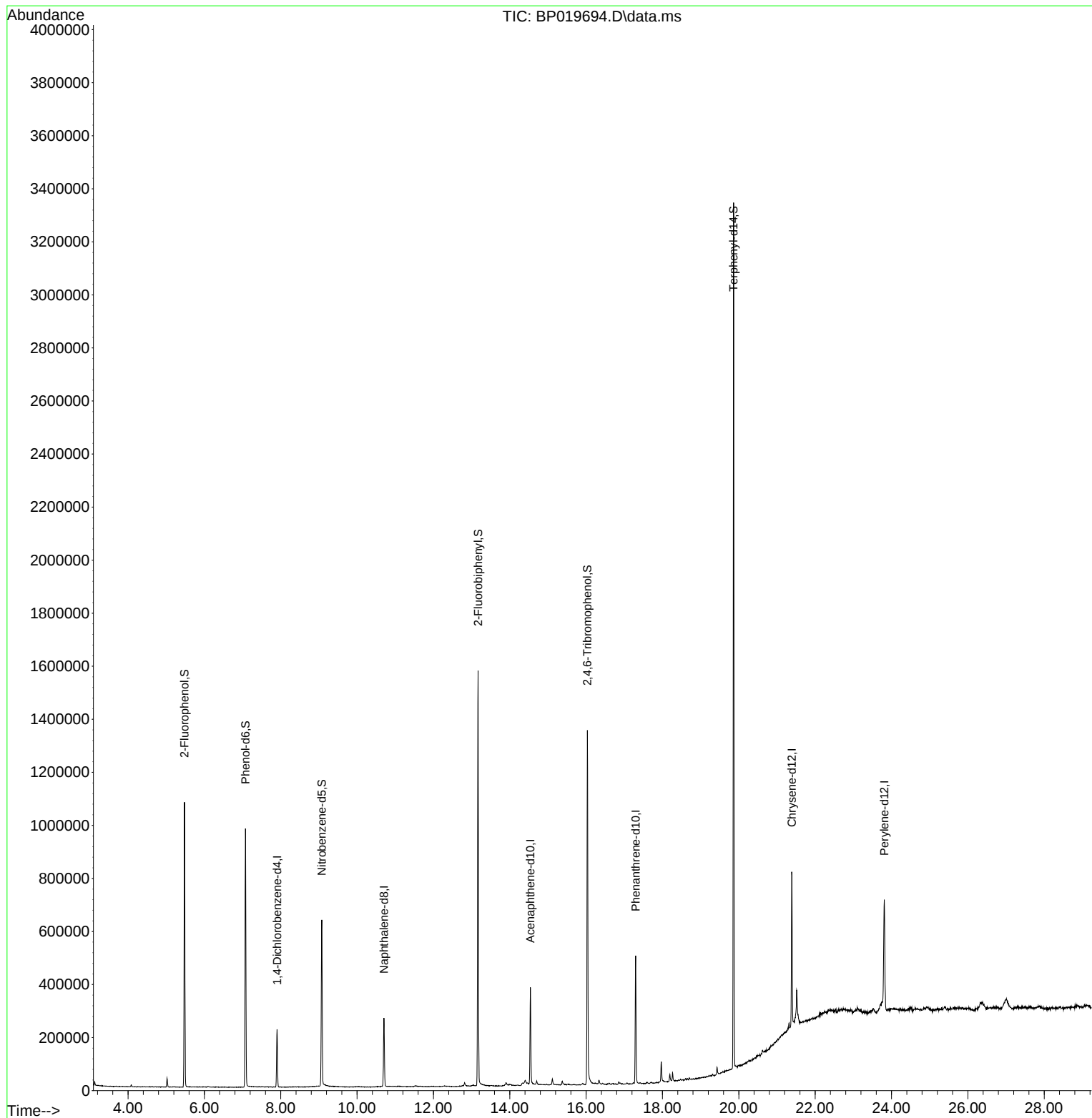
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

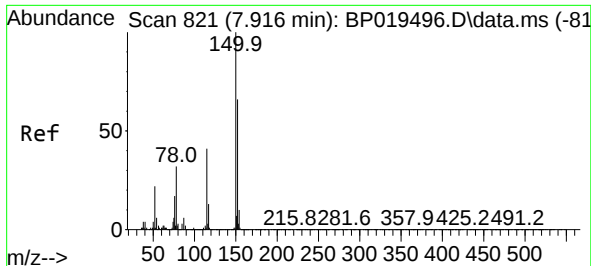
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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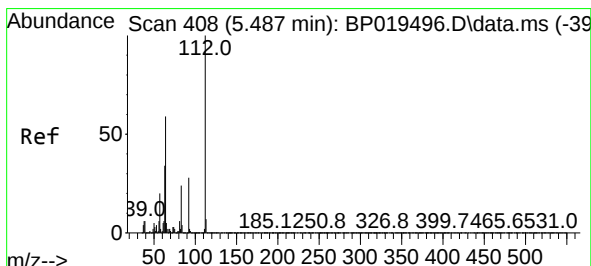
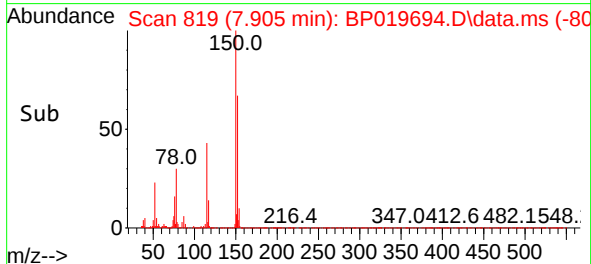
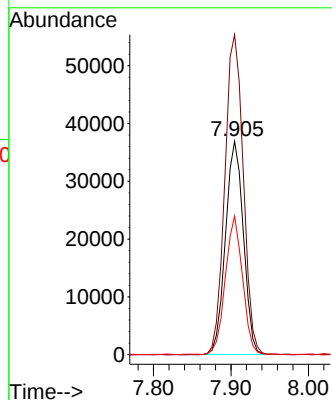
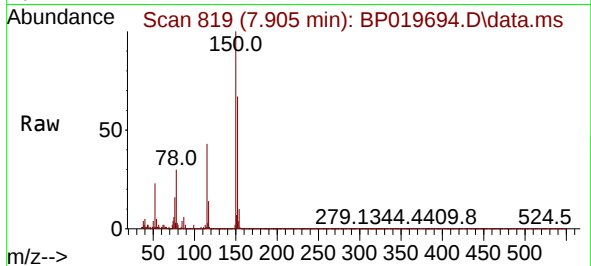




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.905 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP019694.D  
Acq: 14 Feb 2024 10:52

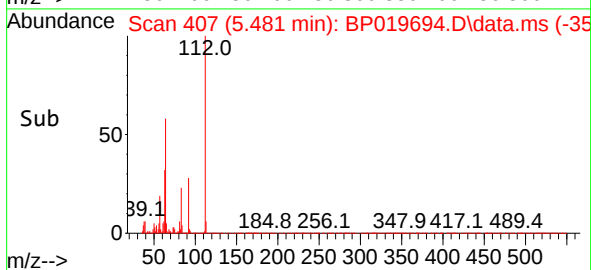
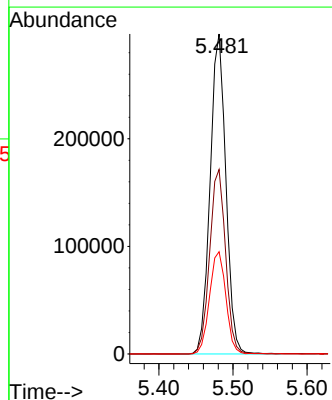
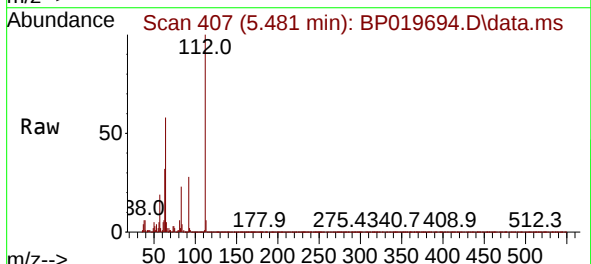
Instrument :  
BNA\_P  
ClientSampleId :  
PB158998BL

Tgt Ion:152 Resp: 59449  
Ion Ratio Lower Upper  
152 100  
150 150.0 121.8 182.8  
115 65.1 49.9 74.9



#5  
2-Fluorophenol  
Concen: 118.851 ng  
RT: 5.481 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: BP019694.D  
Acq: 14 Feb 2024 10:52

Tgt Ion:112 Resp: 438333  
Ion Ratio Lower Upper  
112 100  
64 57.7 47.4 71.0  
63 31.9 27.0 40.6

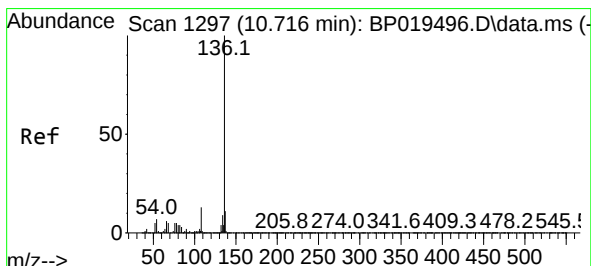
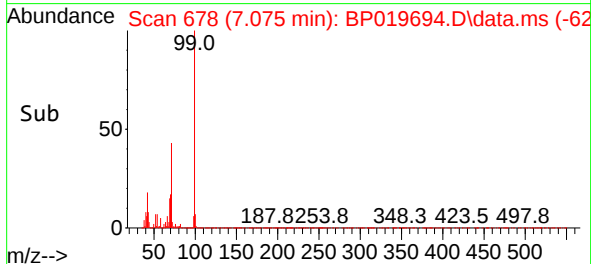
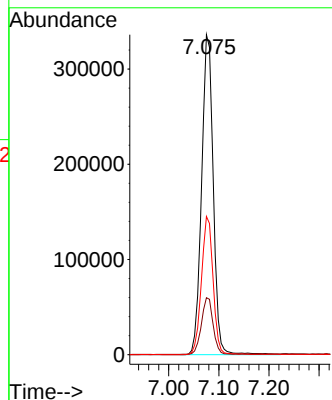
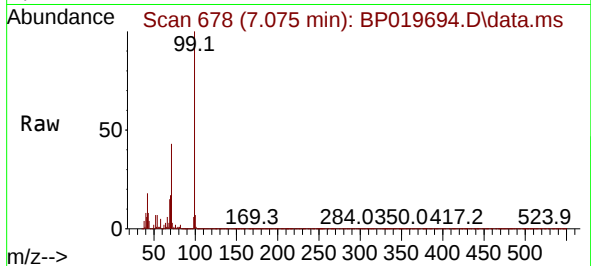




#7  
Phenol-d6  
Concen: 109.469 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BP019694.D  
Acq: 14 Feb 2024 10:52

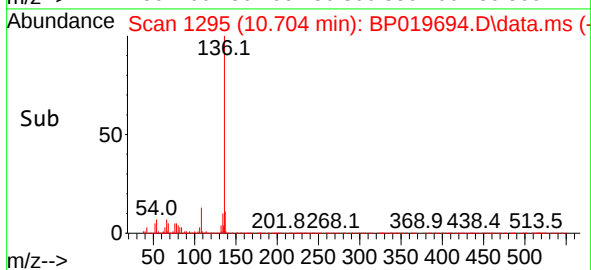
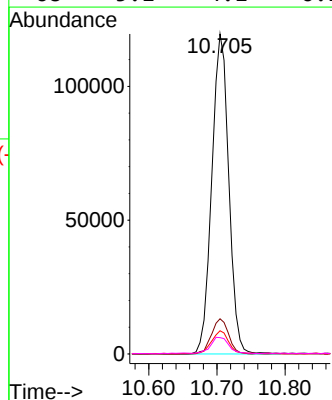
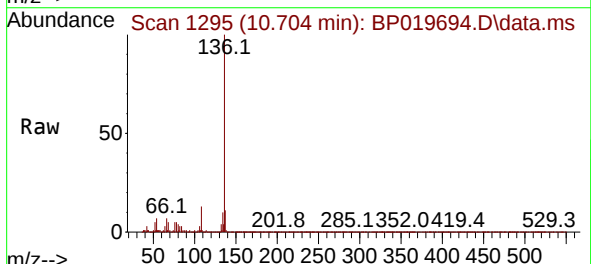
Instrument :  
BNA\_P  
ClientSampleId :  
PB158998BL

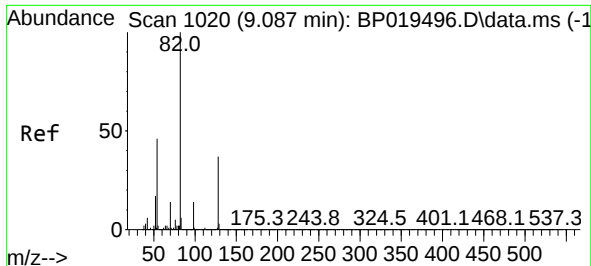
Tgt Ion: 99 Resp: 544378  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.7 22.1  
71 43.2 34.8 52.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.011 min  
Lab File: BP019694.D  
Acq: 14 Feb 2024 10:52

Tgt Ion: 136 Resp: 207320  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 7.2 5.3 7.9  
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 79.111 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.011 min

Lab File: BP019694.D

Acq: 14 Feb 2024 10:52

Instrument :

BNA\_P

ClientSampleId :

PB158998BL

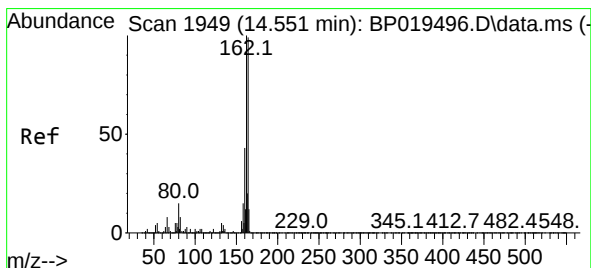
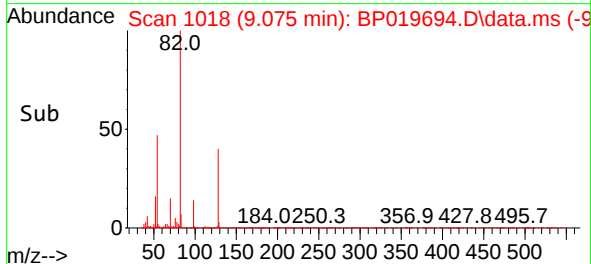
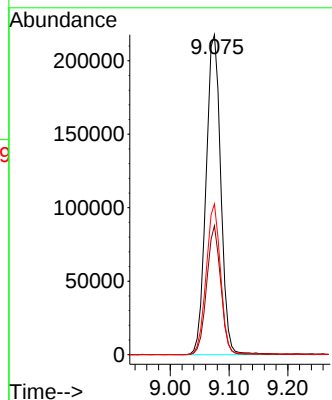
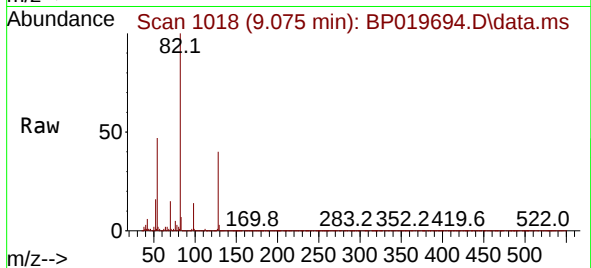
Tgt Ion: 82 Resp: 378509

Ion Ratio Lower Upper

82 100

128 40.3 29.7 44.5

54 47.1 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1947

Delta R.T. -0.011 min

Lab File: BP019694.D

Acq: 14 Feb 2024 10:52

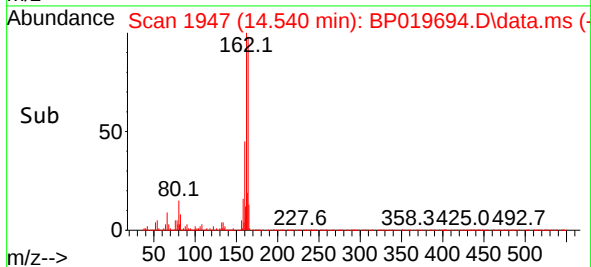
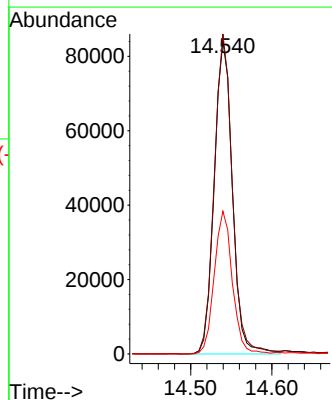
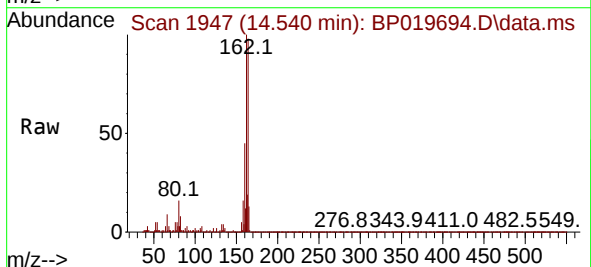
Tgt Ion: 164 Resp: 131138

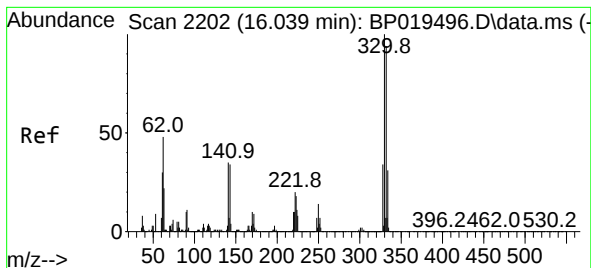
Ion Ratio Lower Upper

164 100

162 102.3 81.2 121.8

160 45.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 152.601 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019694.D

Acq: 14 Feb 2024 10:52

Instrument :

BNA\_P

ClientSampleId :

PB158998BL

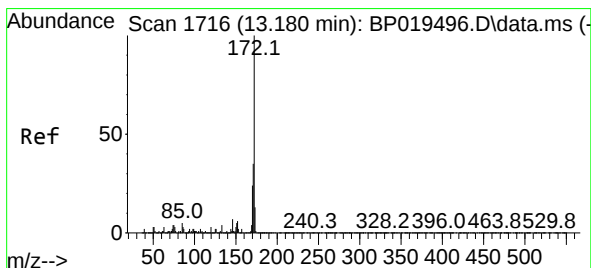
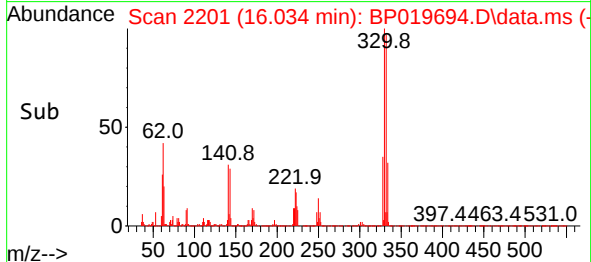
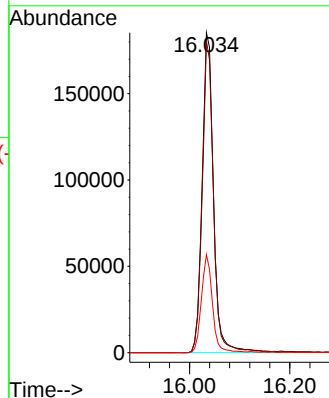
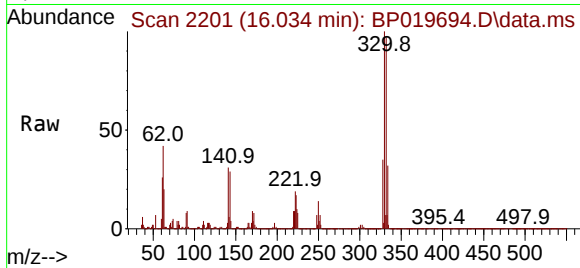
Tgt Ion:330 Resp: 292186

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 29.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 79.403 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019694.D

Acq: 14 Feb 2024 10:52

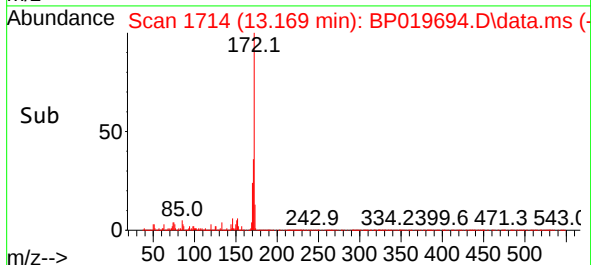
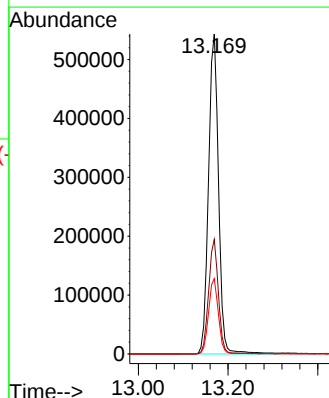
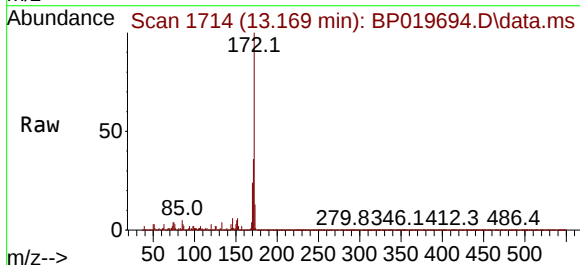
Tgt Ion:172 Resp: 842298

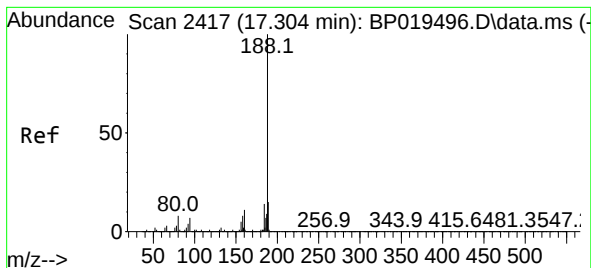
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019694.D

Acq: 14 Feb 2024 10:52

Instrument :

BNA\_P

ClientSampleId :

PB158998BL

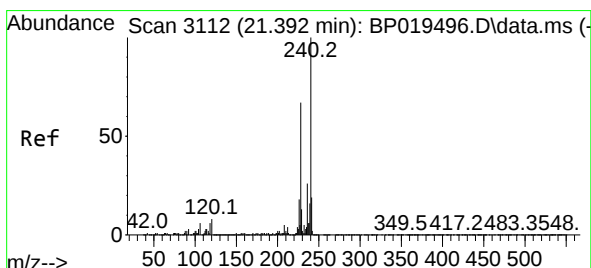
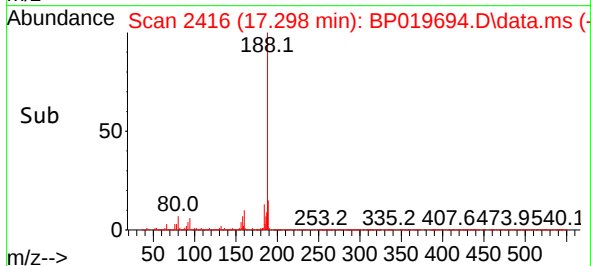
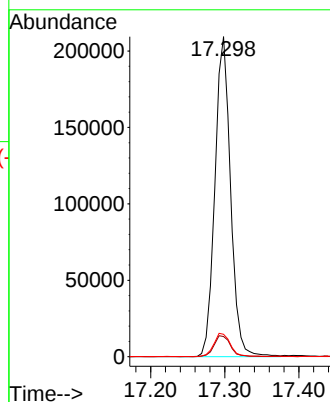
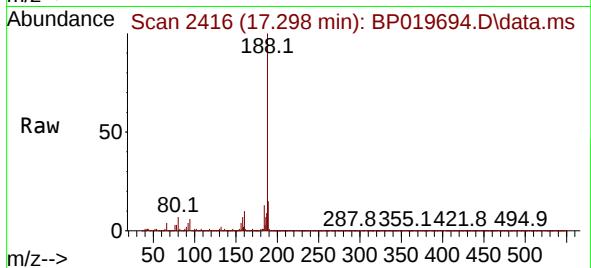
Tgt Ion:188 Resp: 306872

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 7.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019694.D

Acq: 14 Feb 2024 10:52

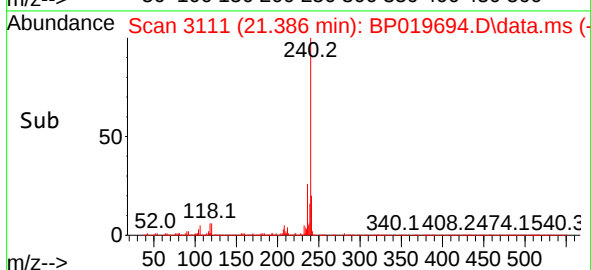
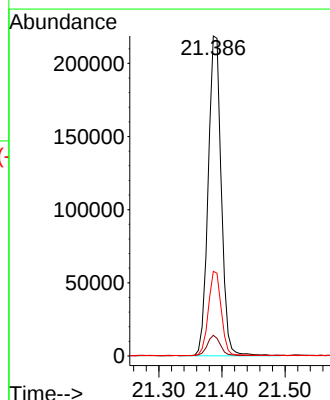
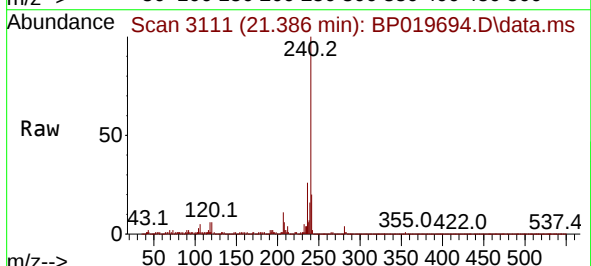
Tgt Ion:240 Resp: 314591

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 26.4 20.7 31.1



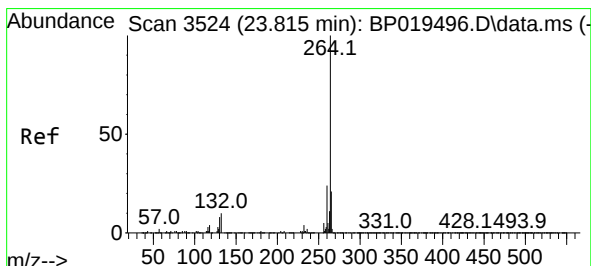
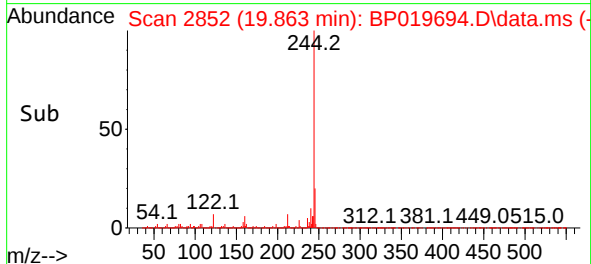
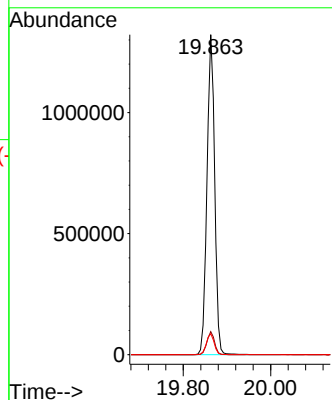
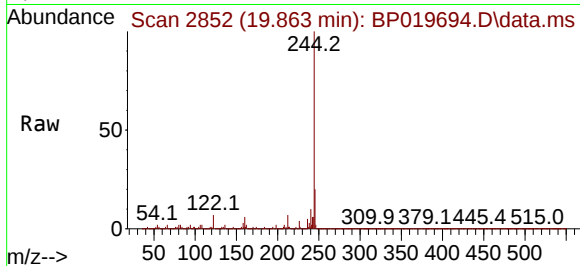


#79  
 Terphenyl-d14  
 Concen: 84.670 ng  
 RT: 19.863 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP019694.D  
 Acq: 14 Feb 2024 10:52

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB158998BL

Tgt Ion:244 Resp: 1619681  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 6.1   | 9.1   |
| 122 | 6.6   | 5.9   | 8.9   |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.810 min Scan# 3523  
 Delta R.T. -0.006 min  
 Lab File: BP019694.D  
 Acq: 14 Feb 2024 10:52

Tgt Ion:264 Resp: 383738  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.2  | 28.8  |
| 265 | 22.9  | 17.0  | 25.4  |

