

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020924\  
 Data File : BP019654.D  
 Acq On : 10 Feb 2024 03:30  
 Operator : MA/JU  
 Sample : P1389-05  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-2

Quant Time: Feb 10 03:56:57 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  | 99810    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.704 | 136  | 371603   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.539 | 164  | 217699   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.292 | 188  | 461129   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.386 | 240  | 499323   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.804 | 264  | 576344   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 537169   | 86.752  | ng    | 0.00     |
| 7) Phenol-d6                | 7.081  | 99   | 717527   | 85.941  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.075  | 82   | 488410   | 56.952  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.034 | 330  | 318978   | 100.353 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.169 | 172  | 1025879  | 58.256  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.863 | 244  | 1645401  | 54.192  | ng    | 0.00     |

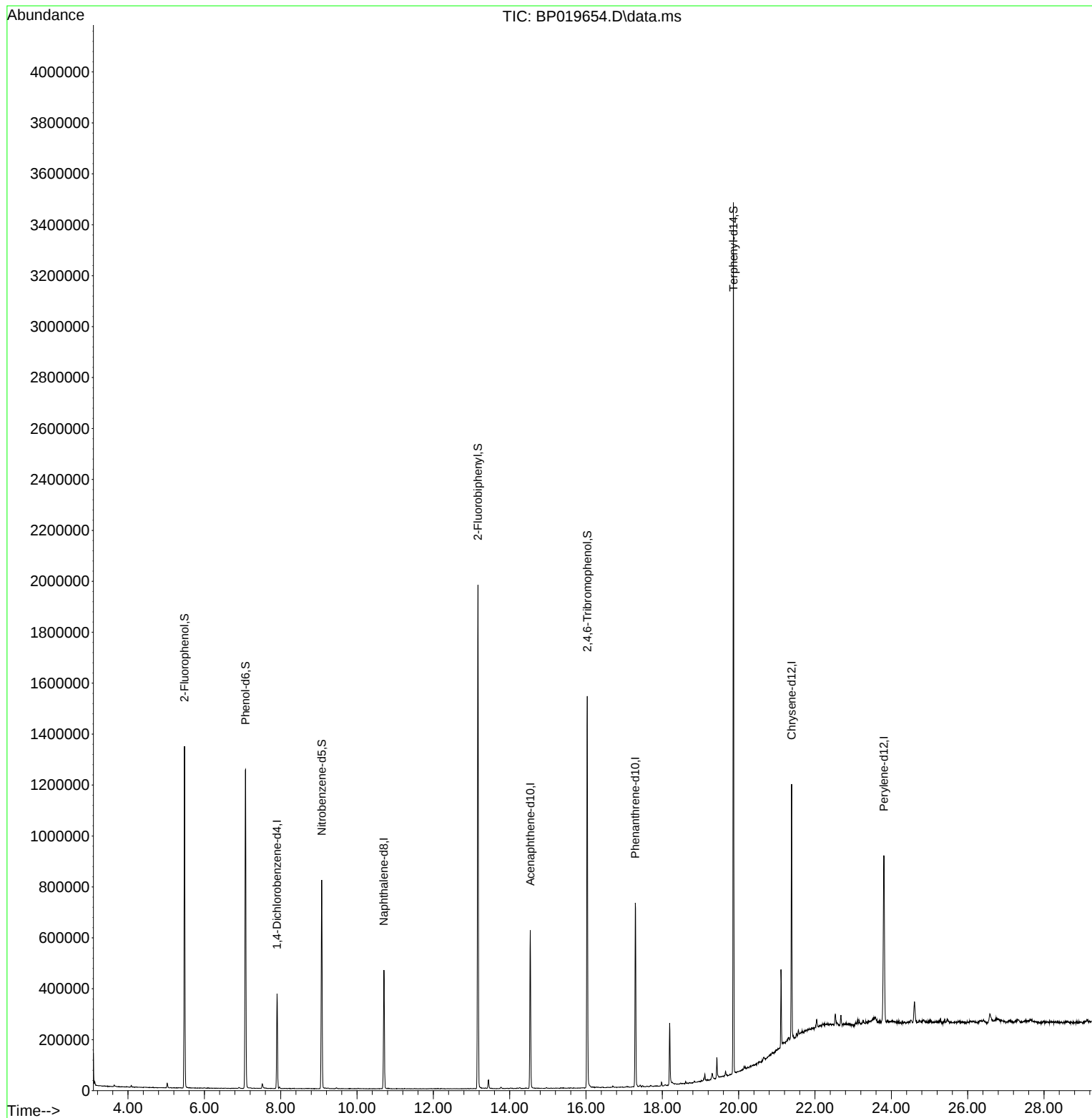
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

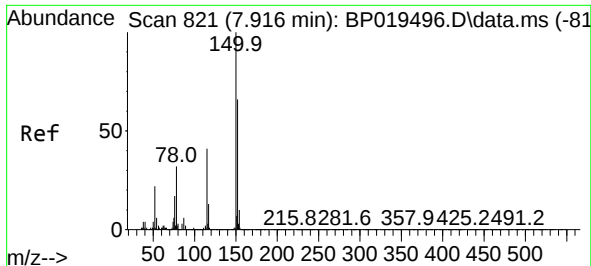
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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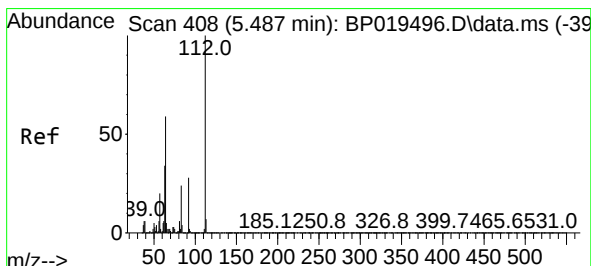
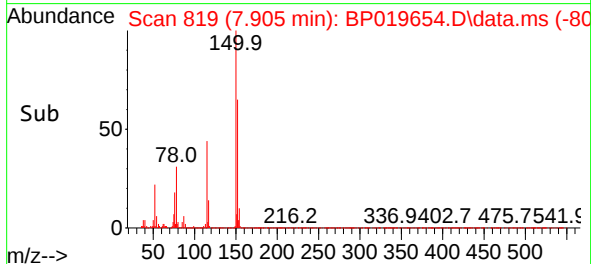
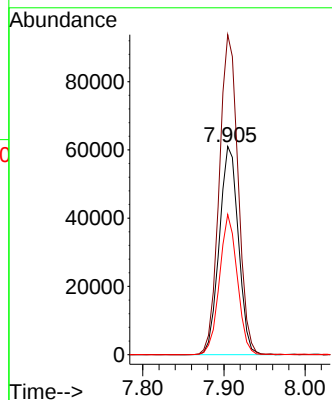
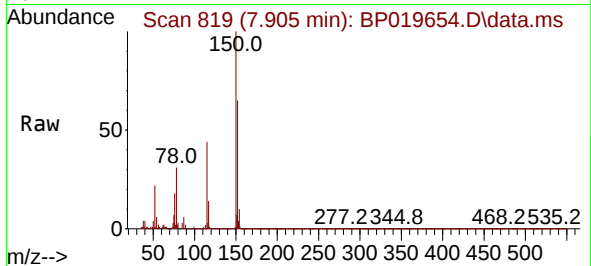




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.905 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP019654.D  
Acq: 10 Feb 2024 03:30

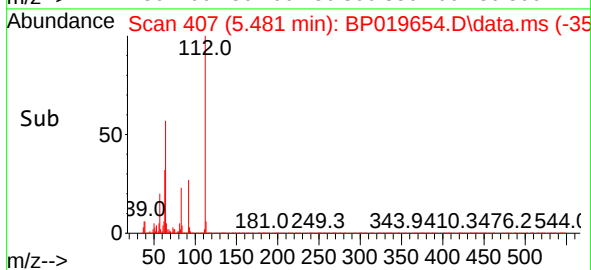
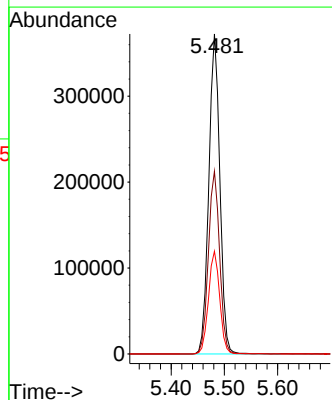
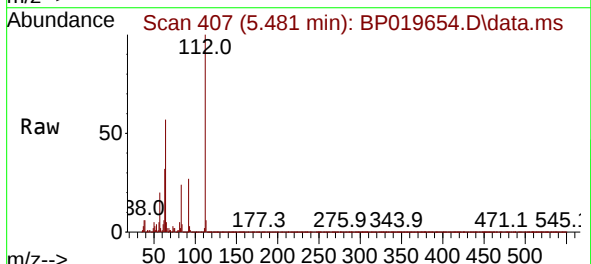
Instrument :  
BNA\_P  
ClientSampleId :  
WC-2

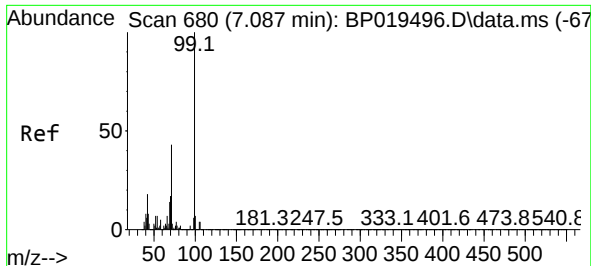
Tgt Ion:152 Resp: 99810  
Ion Ratio Lower Upper  
152 100  
150 153.6 121.8 182.8  
115 67.3 49.9 74.9



#5  
2-Fluorophenol  
Concen: 86.752 ng  
RT: 5.481 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: BP019654.D  
Acq: 10 Feb 2024 03:30

Tgt Ion:112 Resp: 537169  
Ion Ratio Lower Upper  
112 100  
64 57.1 47.4 71.0  
63 32.1 27.0 40.6

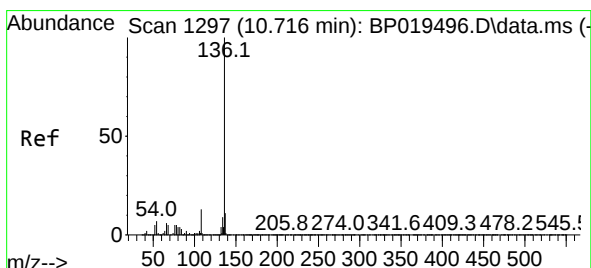
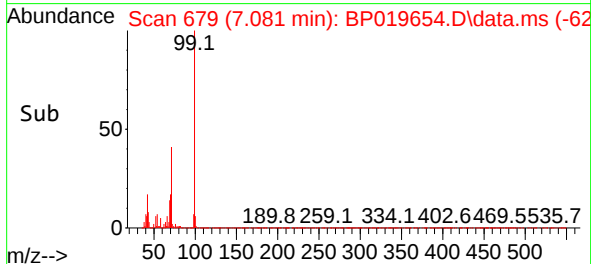
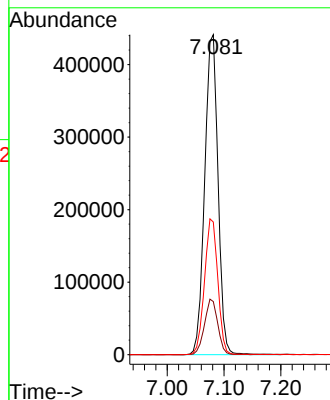
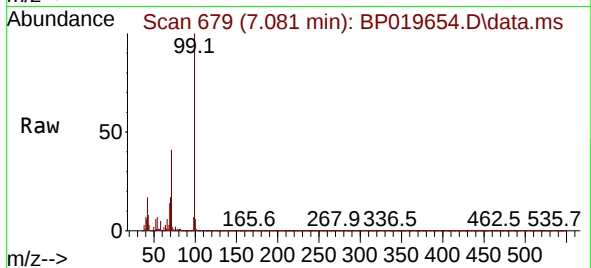




#7  
Phenol-d6  
Concen: 85.941 ng  
RT: 7.081 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP019654.D  
Acq: 10 Feb 2024 03:30

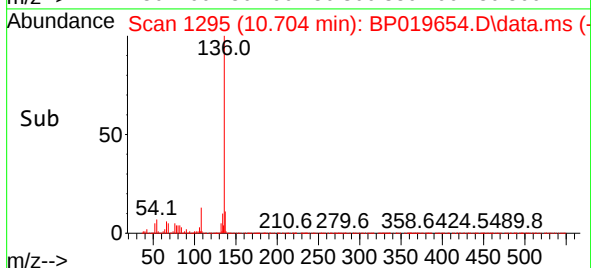
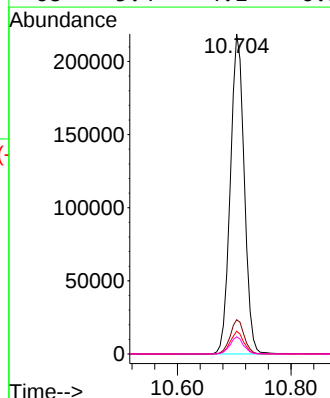
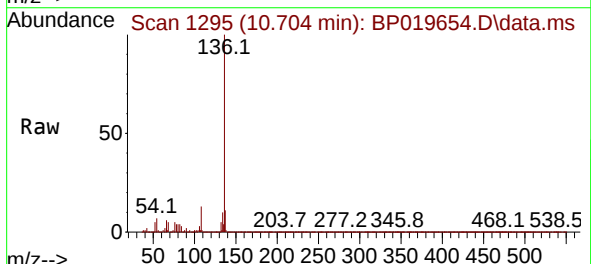
Instrument :  
BNA\_P  
ClientSampleId :  
WC-2

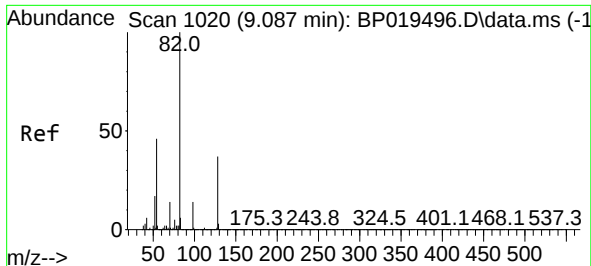
Tgt Ion: 99 Resp: 717527  
Ion Ratio Lower Upper  
99 100  
42 16.6 14.7 22.1  
71 41.5 34.8 52.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.012 min  
Lab File: BP019654.D  
Acq: 10 Feb 2024 03:30

Tgt Ion: 136 Resp: 371603  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 7.1 5.3 7.9  
68 5.4 4.1 6.1

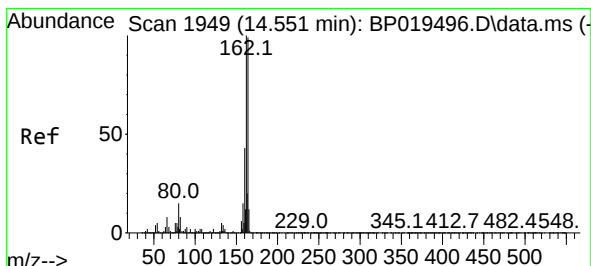
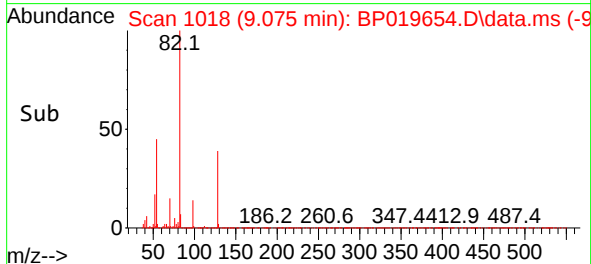
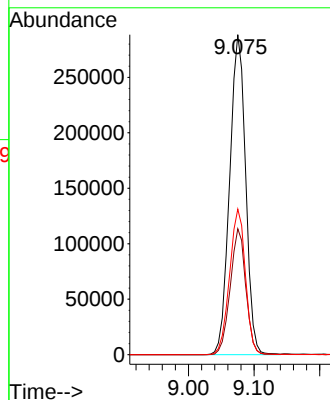
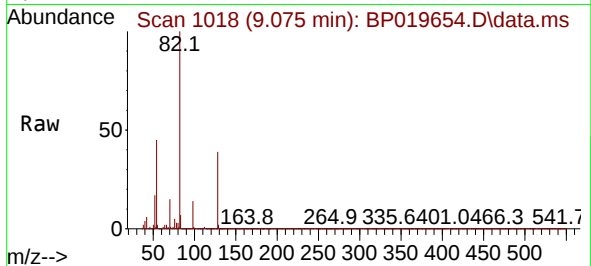




#23  
Nitrobenzene-d5  
Concen: 56.952 ng  
RT: 9.075 min Scan# 1018  
Delta R.T. -0.012 min  
Lab File: BP019654.D  
Acq: 10 Feb 2024 03:30

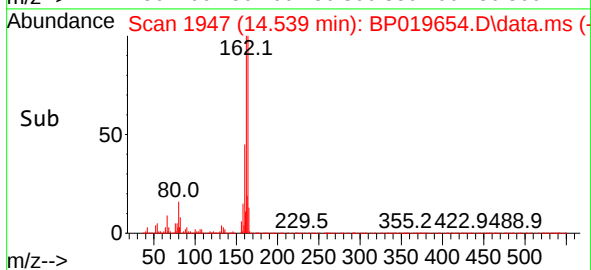
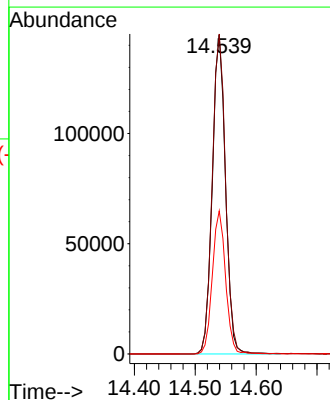
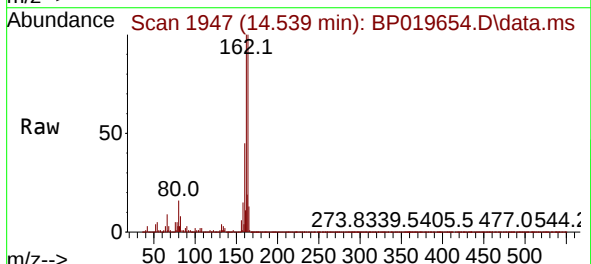
Instrument :  
BNA\_P  
ClientSampleId :  
WC-2

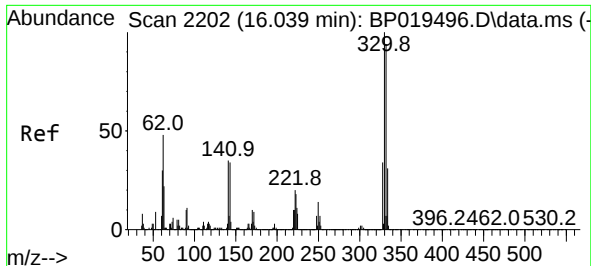
Tgt Ion: 82 Resp: 488410  
Ion Ratio Lower Upper  
82 100  
128 39.4 29.7 44.5  
54 45.5 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.012 min  
Lab File: BP019654.D  
Acq: 10 Feb 2024 03:30

Tgt Ion: 164 Resp: 217699  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.2 121.8  
160 44.9 35.1 52.7

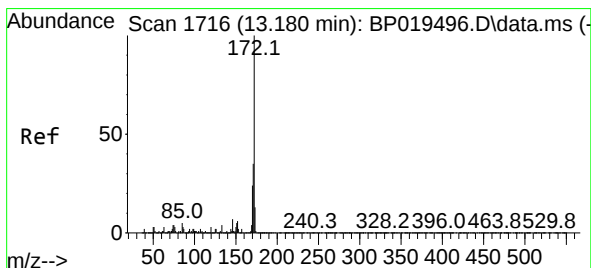
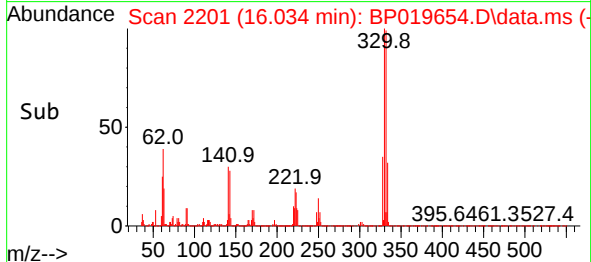
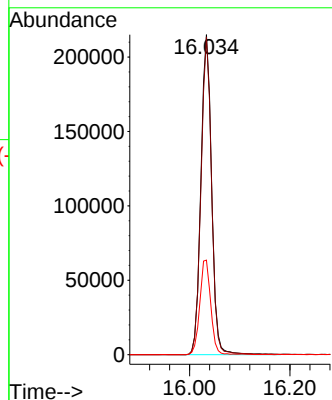
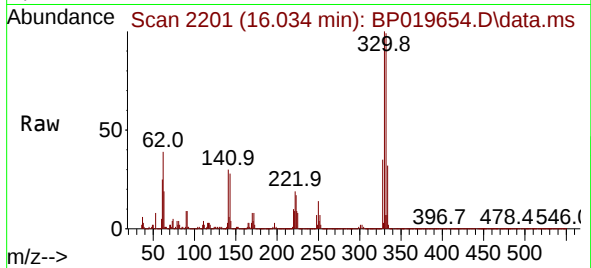




#42  
2,4,6-Tribromophenol  
Concen: 100.353 ng  
RT: 16.034 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019654.D  
Acq: 10 Feb 2024 03:30

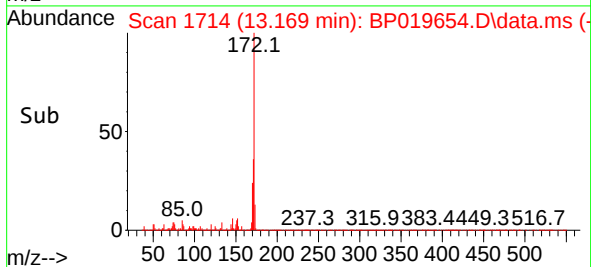
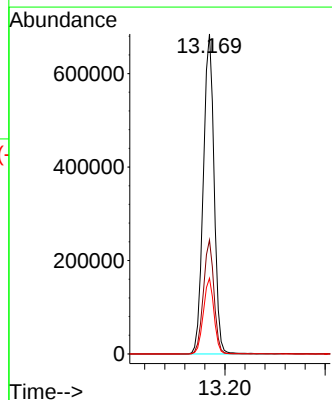
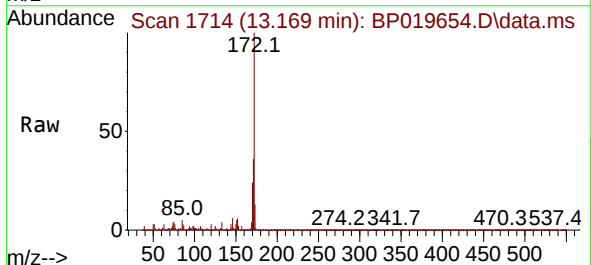
Instrument :  
BNA\_P  
ClientSampleId :  
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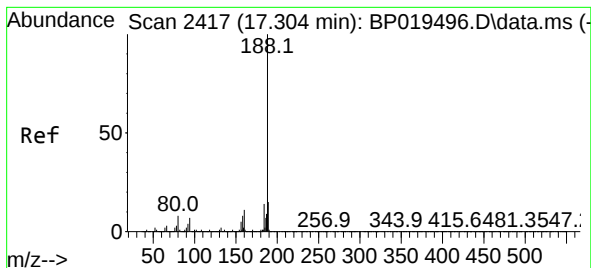
Tgt Ion: 330 Resp: 318978  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.2 115.8  
141 30.2 27.0 40.4



#45  
2-Fluorobiphenyl  
Concen: 58.256 ng  
RT: 13.169 min Scan# 1714  
Delta R.T. -0.012 min  
Lab File: BP019654.D  
Acq: 10 Feb 2024 03:30

Tgt Ion: 172 Resp: 1025879  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.4  
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

Instrument :

BNA\_P

ClientSampleId :

WC-2

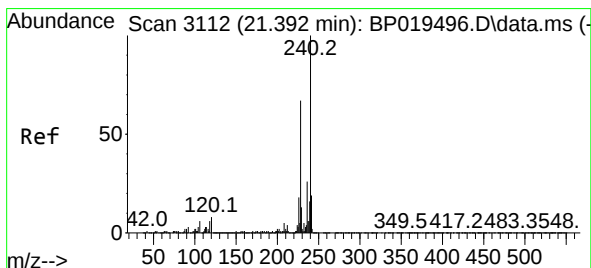
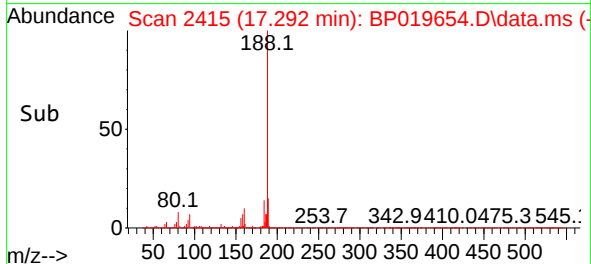
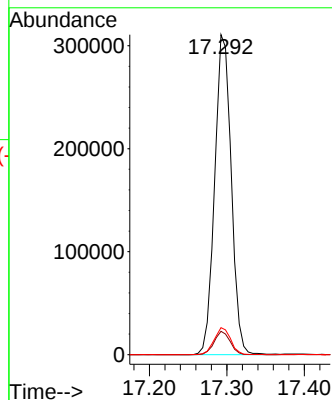
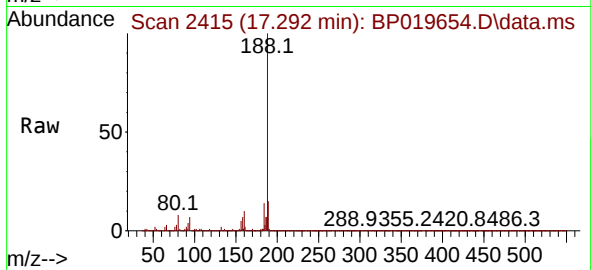
Tgt Ion:188 Resp: 461129

Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.4 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: BP019654.D

Acq: 10 Feb 2024 03:30

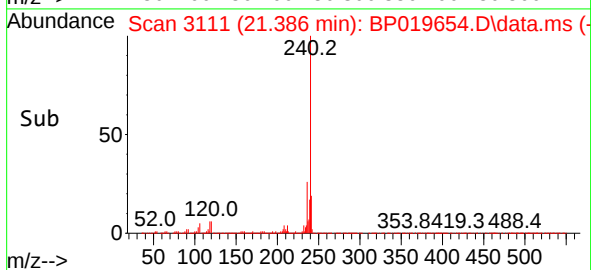
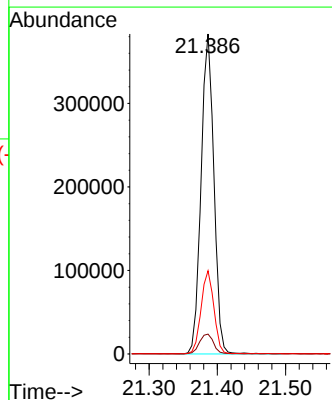
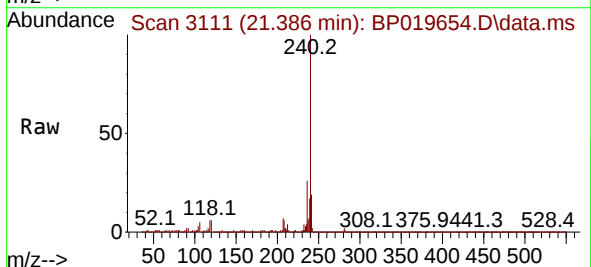
Tgt Ion:240 Resp: 499323

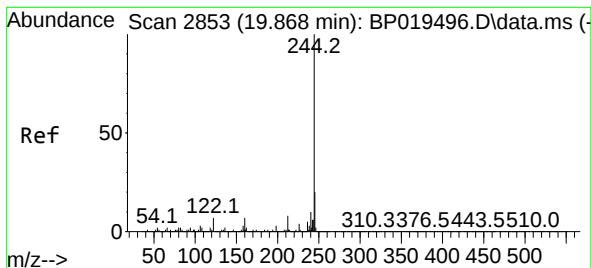
Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 54.192 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

Instrument :

BNA\_P

ClientSampleId :

WC-2

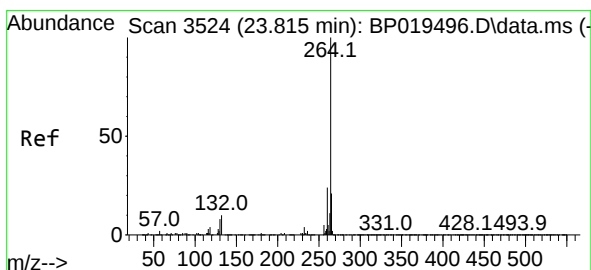
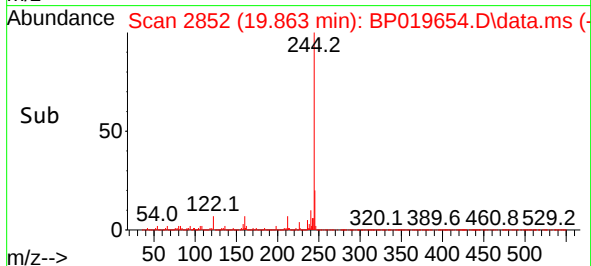
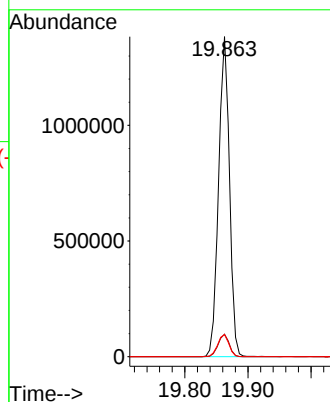
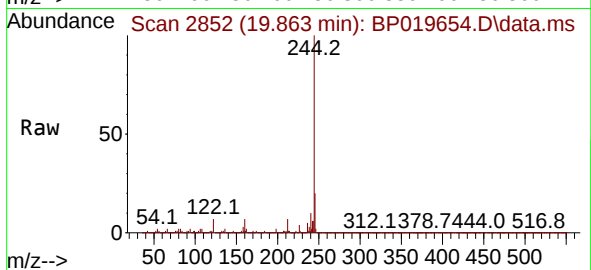
Tgt Ion:244 Resp: 1645401

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.9 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019654.D

Acq: 10 Feb 2024 03:30

Tgt Ion:264 Resp: 576344

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.5 17.0 25.4

