

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022224\  
 Data File : BP019818.D  
 Acq On : 22 Feb 2024 11:20  
 Operator : MA/JU  
 Sample : PB159185BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB159185BL

Quant Time: Feb 22 11:45:18 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 19 23:35:42 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.893  | 152  | 68638    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.693 | 136  | 242129   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.528 | 164  | 153009   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.286 | 188  | 368792   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.380 | 240  | 398587   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.798 | 264  | 456344   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 505209   | 118.645 | ng    | 0.00     |
| 7) Phenol-d6                | 7.063  | 99   | 610573   | 106.343 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.063  | 82   | 429340   | 76.835  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.028 | 330  | 348006   | 155.774 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.157 | 172  | 970944   | 78.447  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.851 | 244  | 2025076  | 83.553  | ng    | -0.01    |

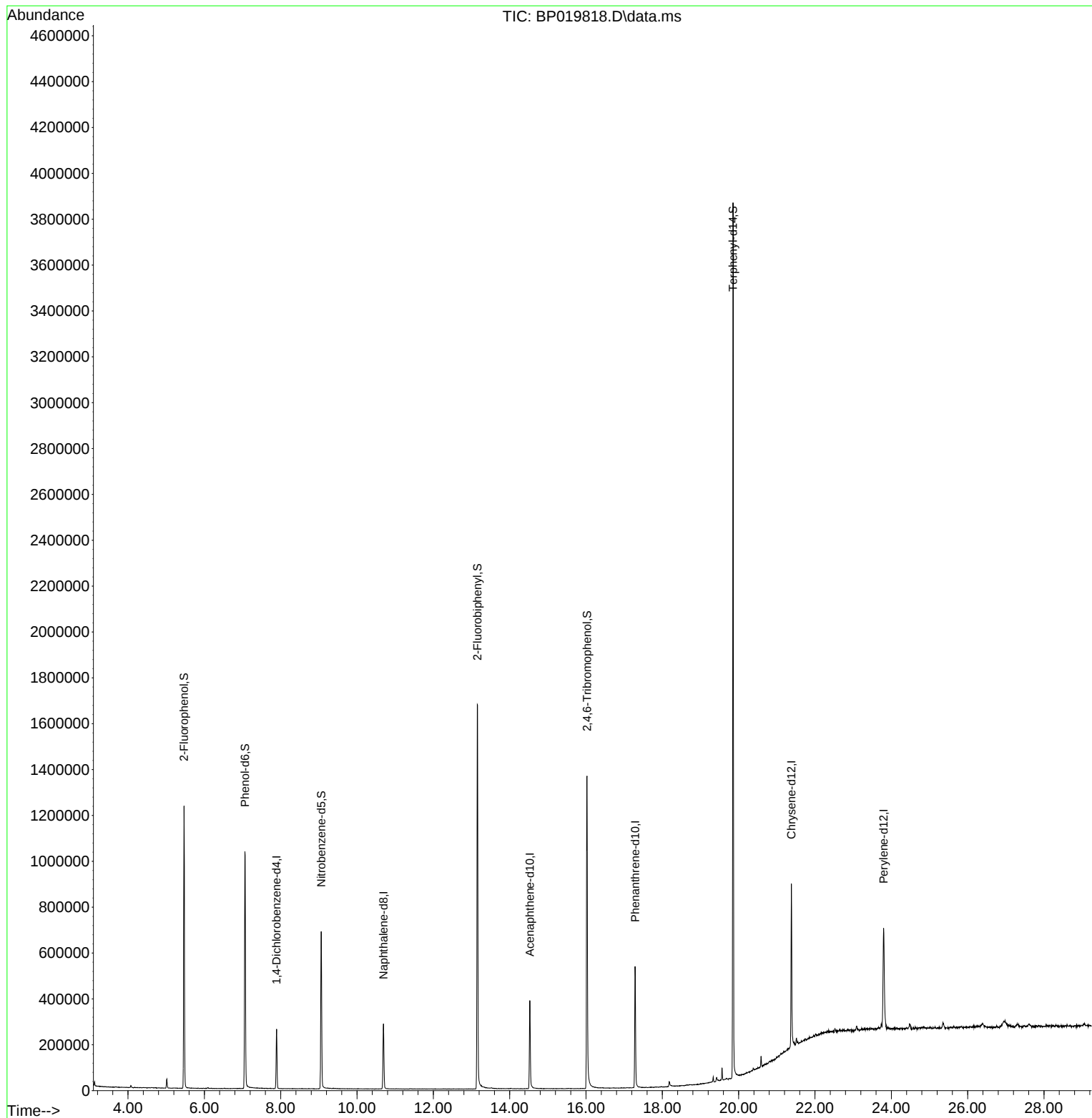
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

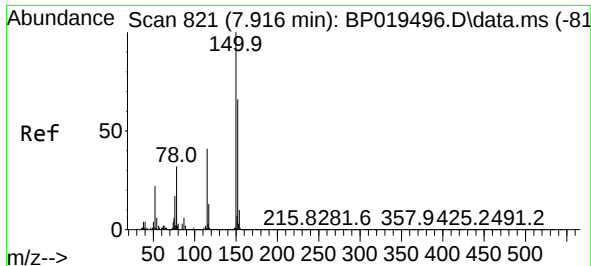
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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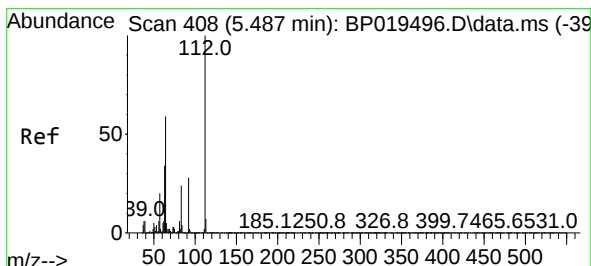
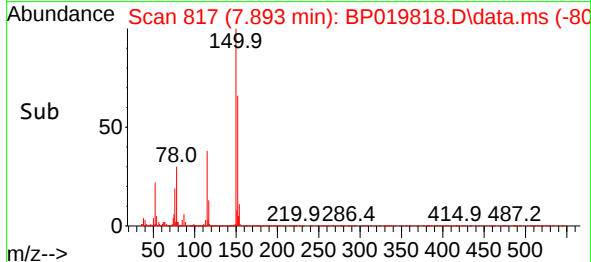
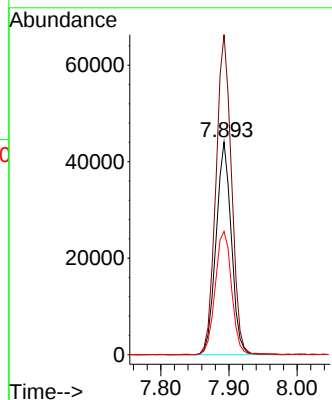
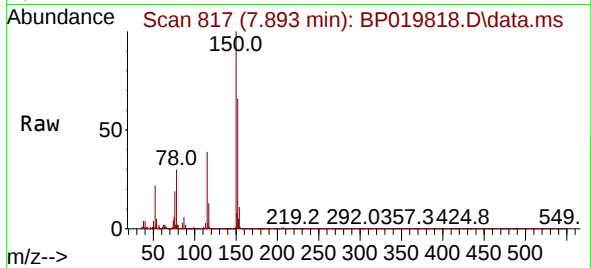




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.893 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP019818.D  
Acq: 22 Feb 2024 11:20

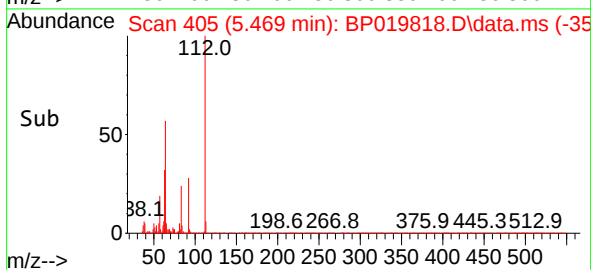
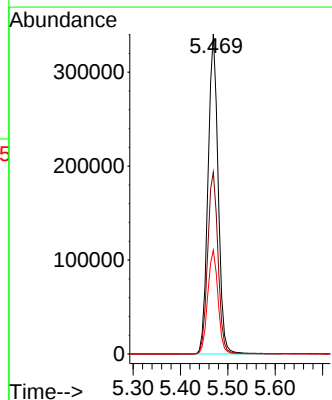
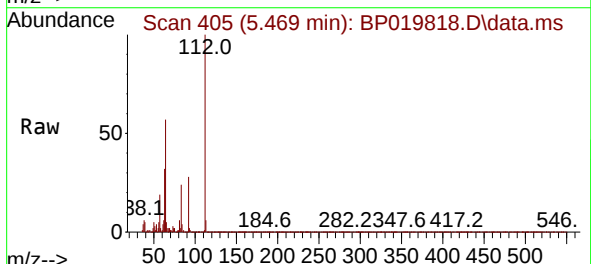
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BL

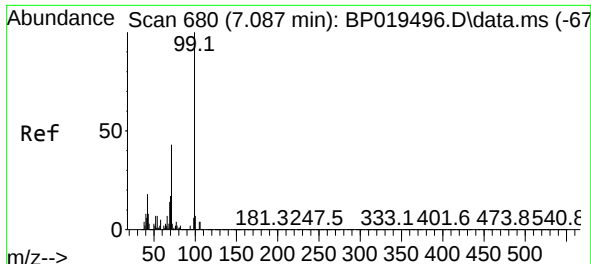
Tgt Ion:152 Resp: 68638  
Ion Ratio Lower Upper  
152 100  
150 150.4 121.8 182.8  
115 58.0 49.9 74.9



#5  
2-Fluorophenol  
Concen: 118.645 ng  
RT: 5.469 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: BP019818.D  
Acq: 22 Feb 2024 11:20

Tgt Ion:112 Resp: 505209  
Ion Ratio Lower Upper  
112 100  
64 56.9 47.4 71.0  
63 32.4 27.0 40.6

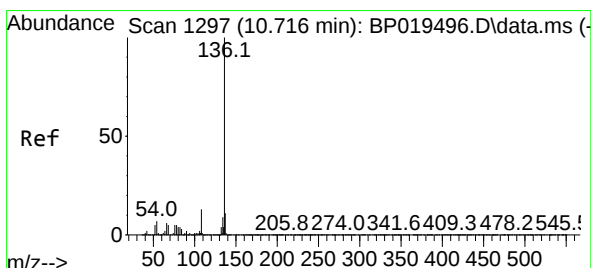
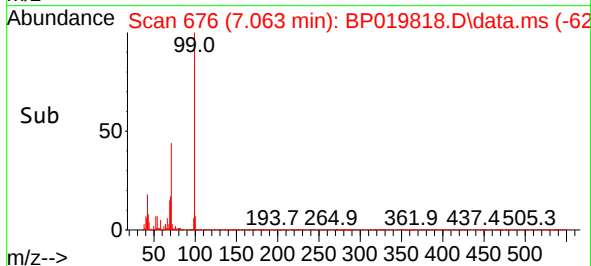
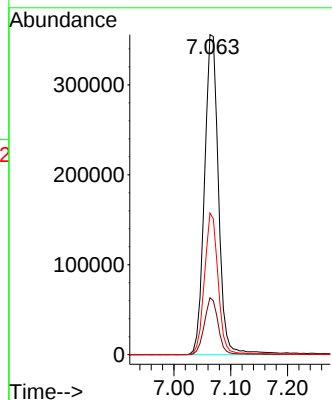
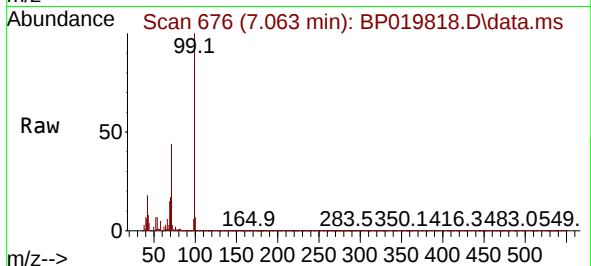




#7  
Phenol-d6  
Concen: 106.343 ng  
RT: 7.063 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP019818.D  
Acq: 22 Feb 2024 11:20

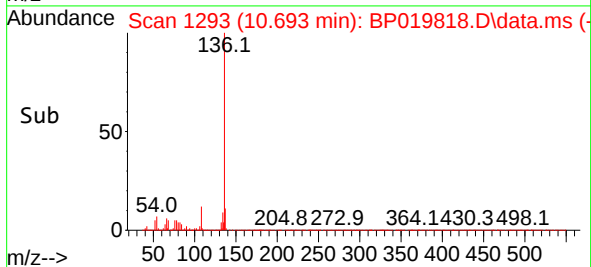
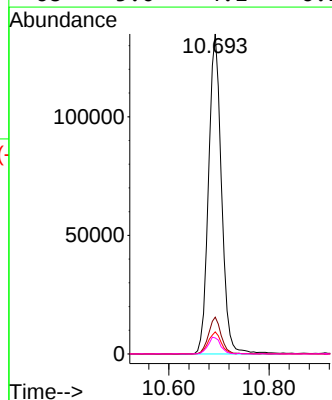
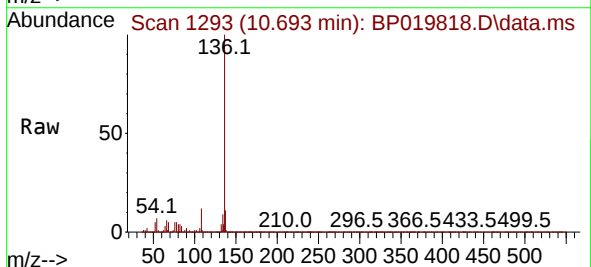
Instrument :  
BNA\_P  
ClientSampleId :  
PB159185BL

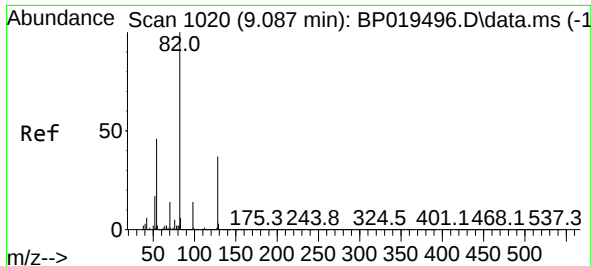
Tgt Ion: 99 Resp: 610573  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.7 22.1  
71 44.3 34.8 52.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.693 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BP019818.D  
Acq: 22 Feb 2024 11:20

Tgt Ion: 136 Resp: 242129  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.8 13.2  
54 6.9 5.3 7.9  
68 5.0 4.1 6.1

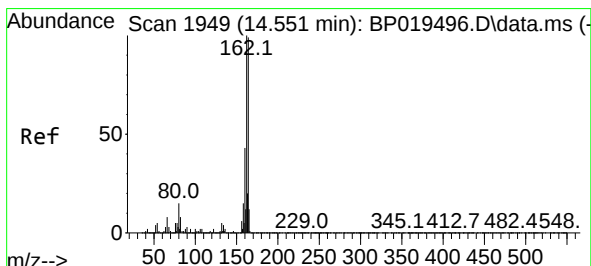
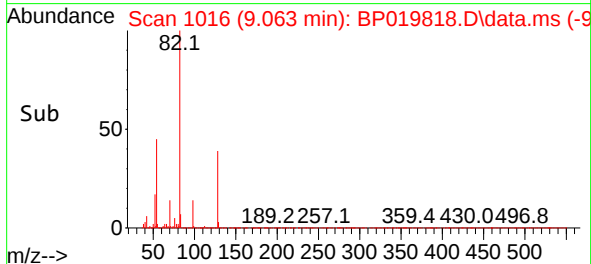
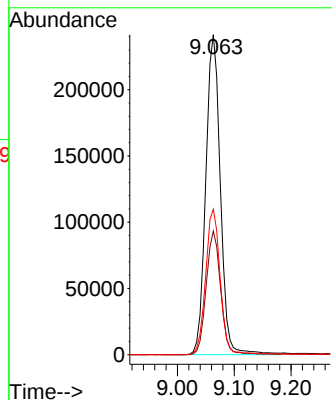
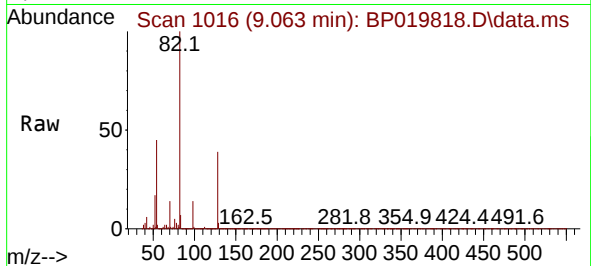




#23  
Nitrobenzene-d5  
Concen: 76.835 ng  
RT: 9.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BP019818.D  
Acq: 22 Feb 2024 11:20

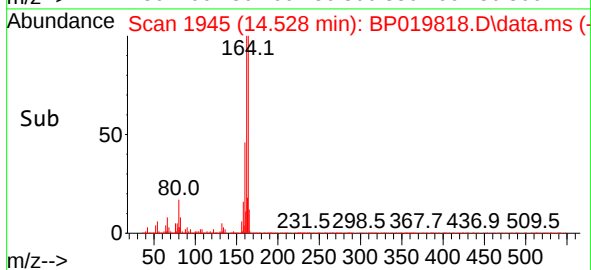
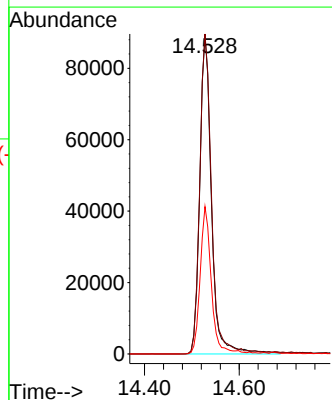
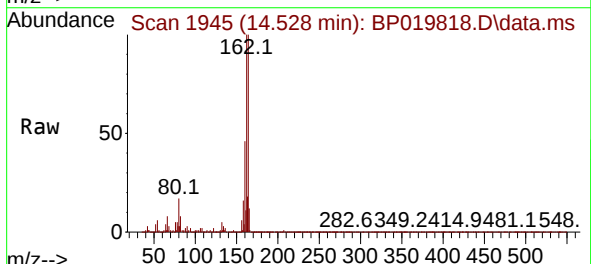
Instrument :  
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ClientSampleId :  
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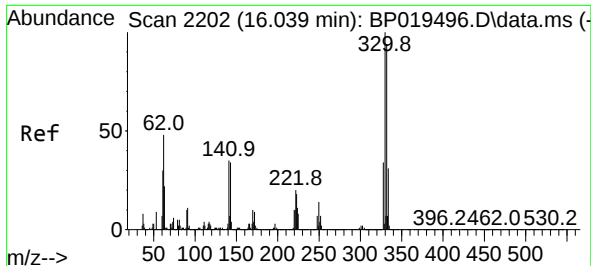
Tgt Ion: 82 Resp: 429340  
Ion Ratio Lower Upper  
82 100  
128 38.6 29.7 44.5  
54 45.5 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.528 min Scan# 1945  
Delta R.T. -0.012 min  
Lab File: BP019818.D  
Acq: 22 Feb 2024 11:20

Tgt Ion: 164 Resp: 153009  
Ion Ratio Lower Upper  
164 100  
162 100.3 81.2 121.8  
160 46.2 35.1 52.7

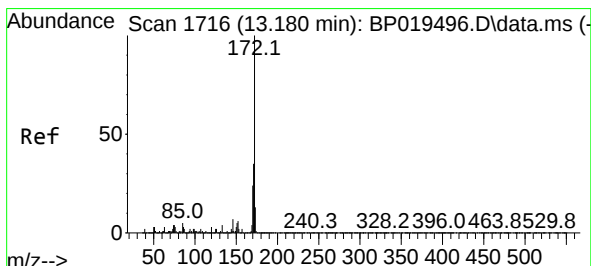
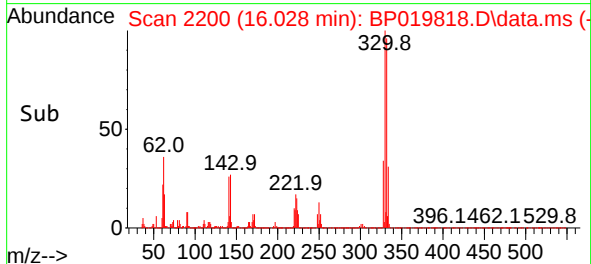
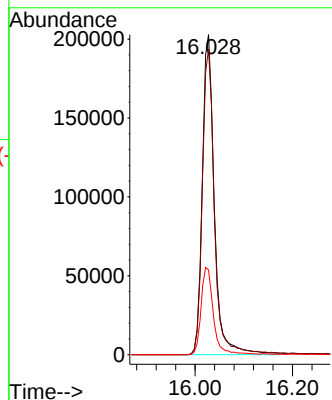
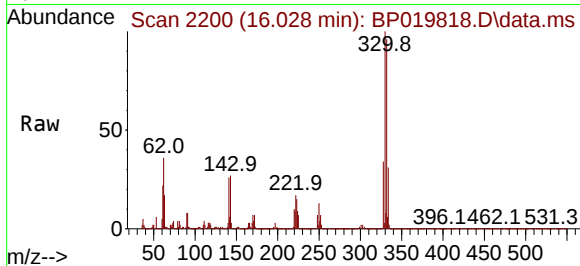




#42  
2,4,6-Tribromophenol  
Concen: 155.774 ng  
RT: 16.028 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019818.D  
Acq: 22 Feb 2024 11:20

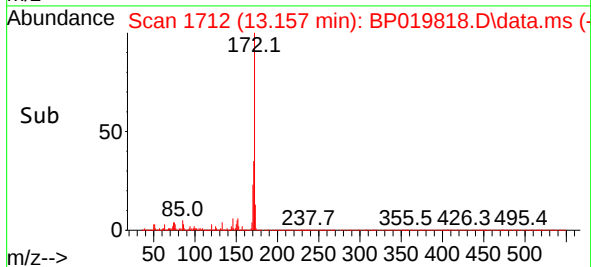
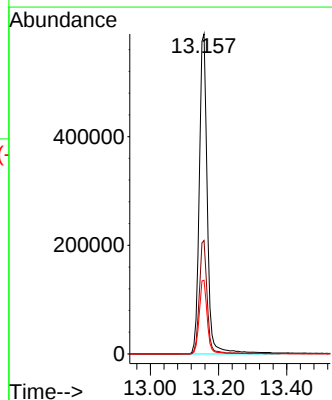
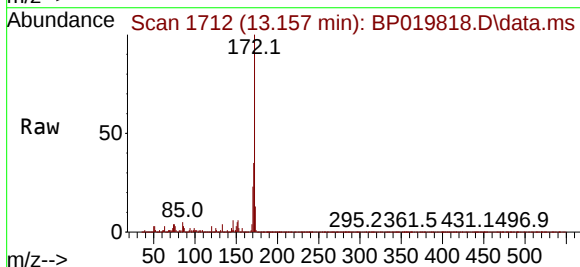
Instrument :  
BNA\_P  
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PB159185BL

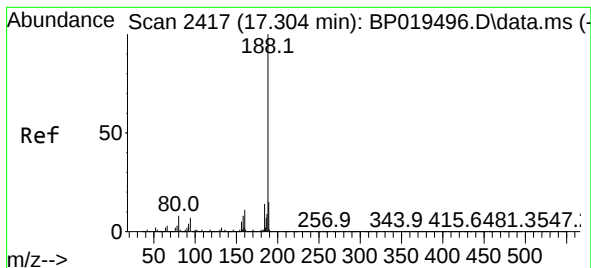
Tgt Ion:330 Resp: 348006  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.2 115.8  
141 28.0 27.0 40.4



#45  
2-Fluorobiphenyl  
Concen: 78.447 ng  
RT: 13.157 min Scan# 1712  
Delta R.T. -0.006 min  
Lab File: BP019818.D  
Acq: 22 Feb 2024 11:20

Tgt Ion:172 Resp: 970944  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.2 42.4  
170 23.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019818.D

Acq: 22 Feb 2024 11:20

Instrument :

BNA\_P

ClientSampleId :

PB159185BL

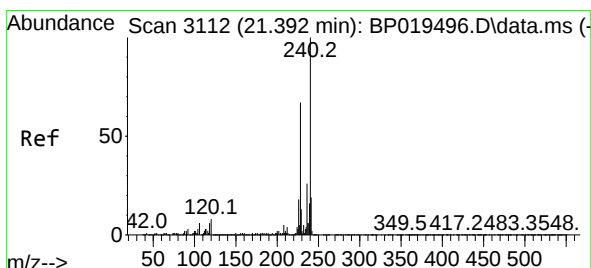
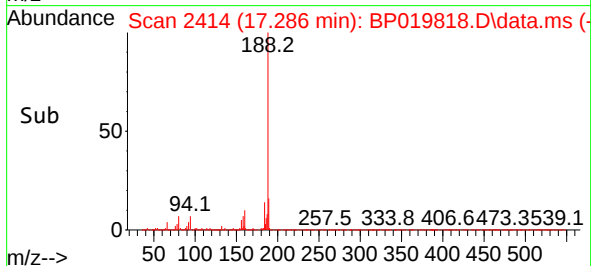
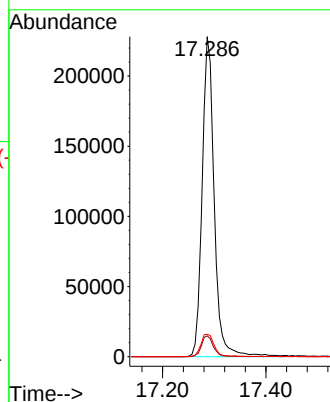
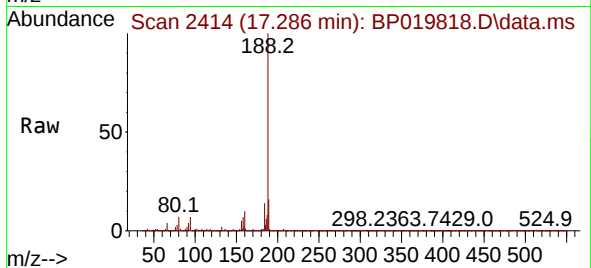
Tgt Ion:188 Resp: 368792

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019818.D

Acq: 22 Feb 2024 11:20

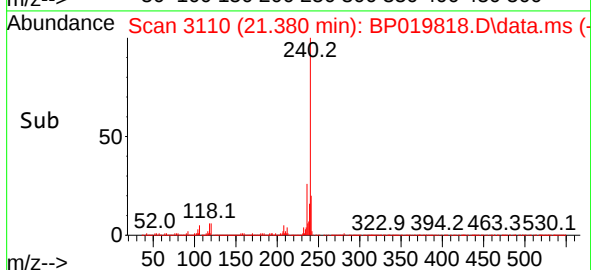
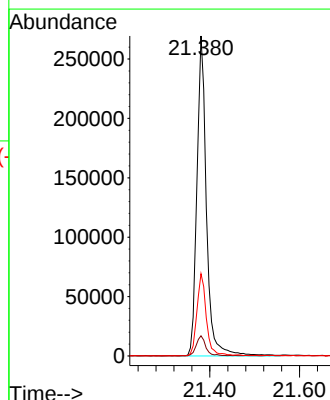
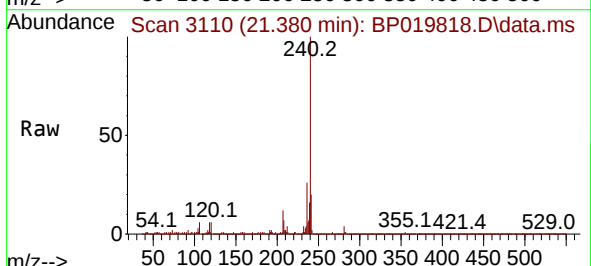
Tgt Ion:240 Resp: 398587

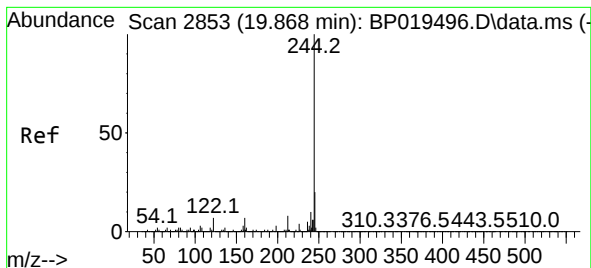
Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 83.553 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019818.D

Acq: 22 Feb 2024 11:20

Instrument :

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PB159185BL

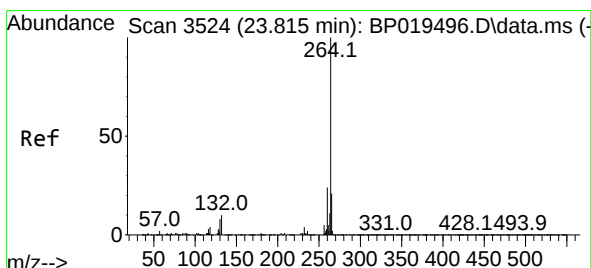
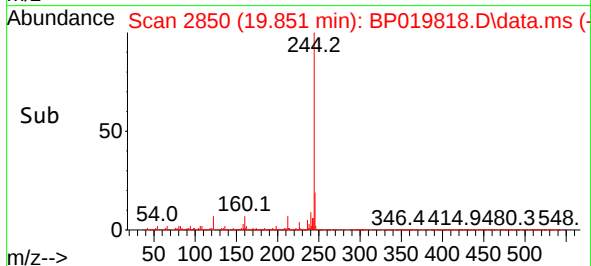
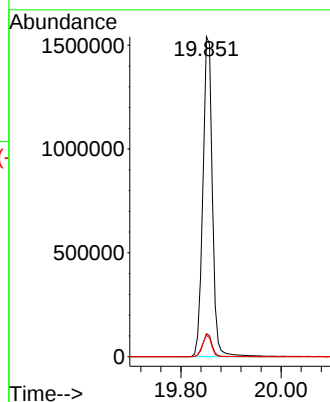
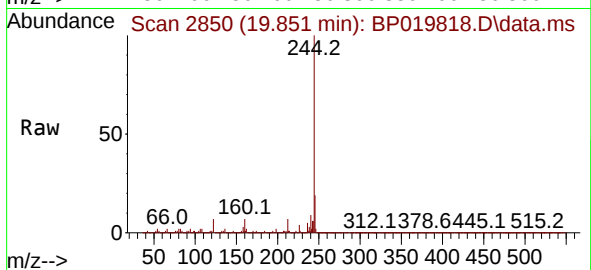
Tgt Ion:244 Resp: 2025076

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.7 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BP019818.D

Acq: 22 Feb 2024 11:20

Tgt Ion:264 Resp: 456344

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 23.2 17.0 25.4

