

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022424\  
 Data File : BP019865.D  
 Acq On : 24 Feb 2024 16:59  
 Operator : MA/JU  
 Sample : P1564-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LKWD-BACKFILL-11

Quant Time: Feb 26 00:13:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 13:10:49 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.899  | 152  | 84584    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 265632   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.539 | 164  | 165061   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.304 | 188  | 368396   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.410 | 240  | 408048   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 23.845 | 264  | 506003   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 359030   | 68.421 | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 510898   | 72.208 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.069  | 82   | 311539   | 50.820 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.045 | 330  | 224874   | 93.308 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.169 | 172  | 684056   | 51.233 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.875 | 244  | 1292369  | 52.086 | ng    | -0.02    |

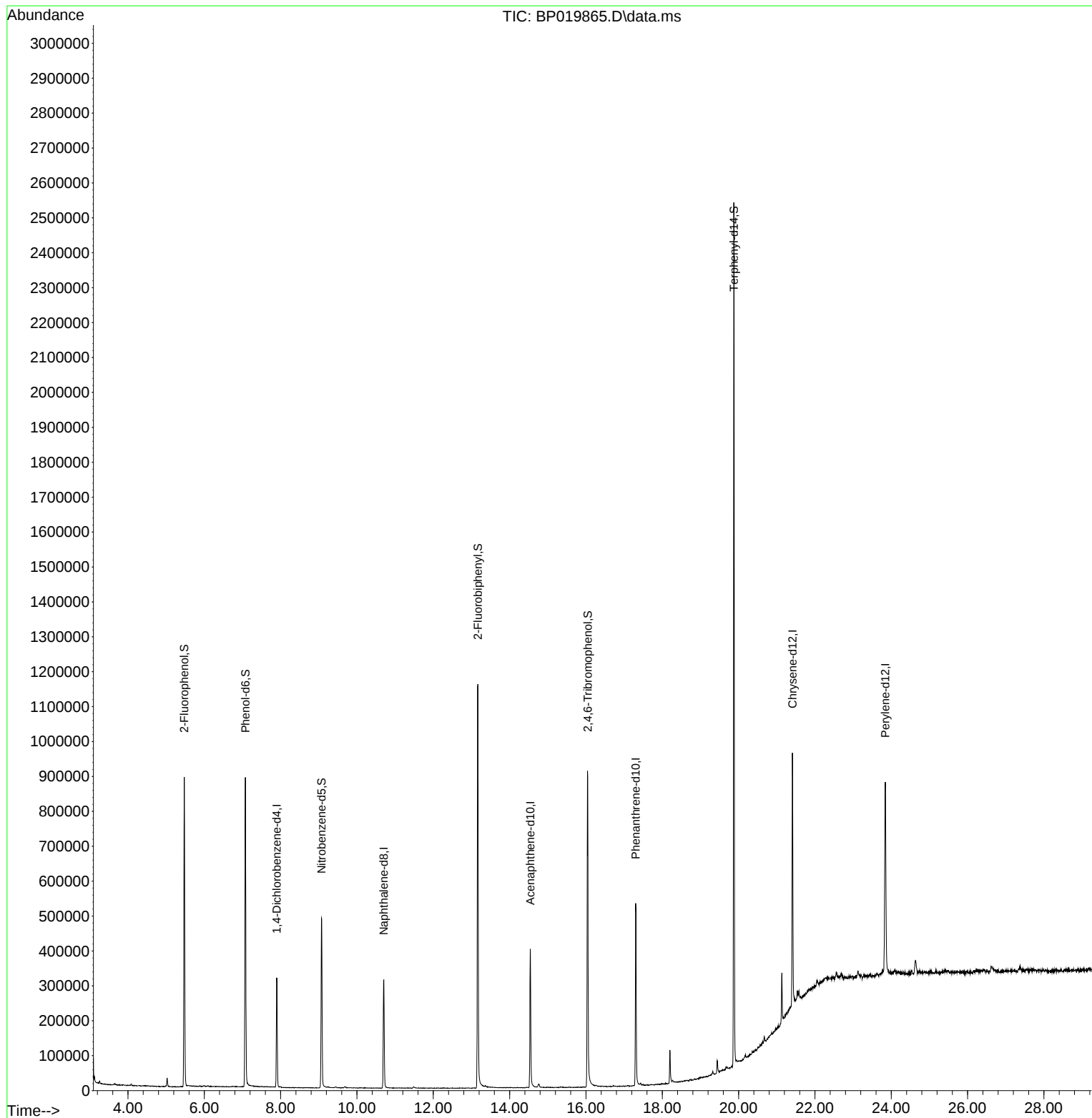
Target Compounds Qvalue

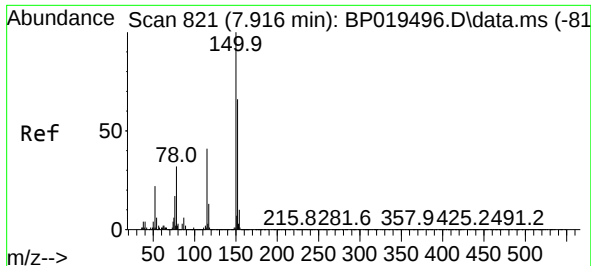
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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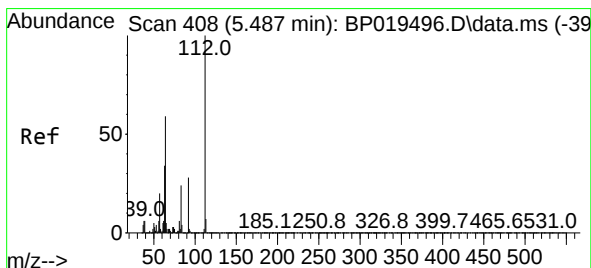
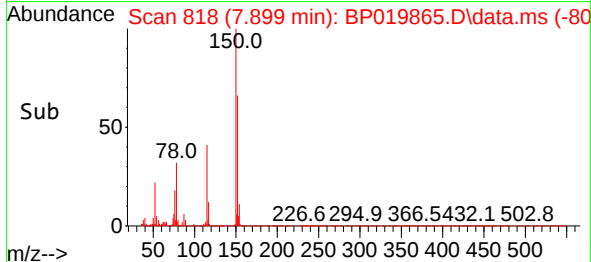
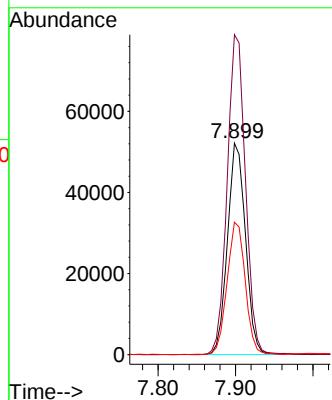
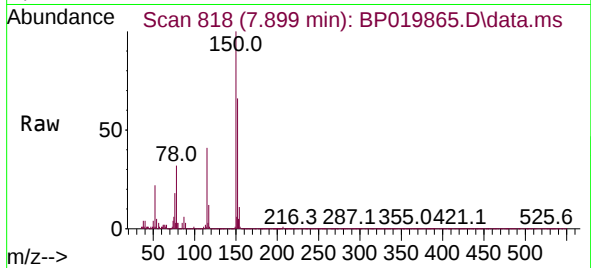




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.899 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP019865.D  
Acq: 24 Feb 2024 16:59

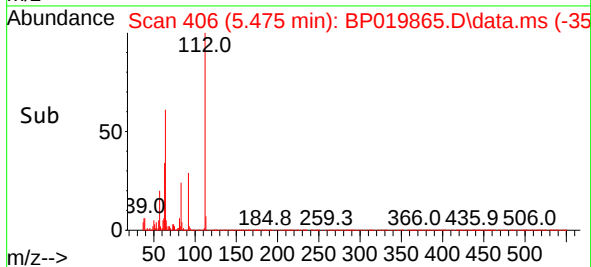
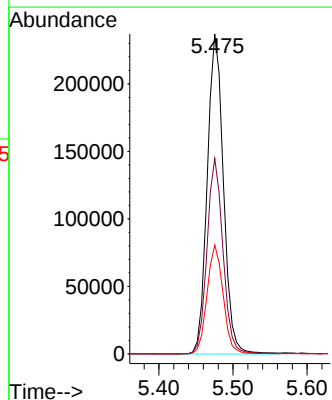
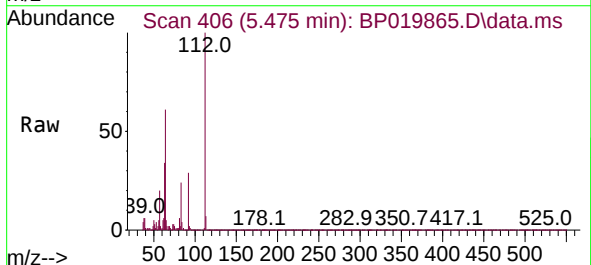
Instrument :  
BNA\_P  
ClientSampleId :  
LKWD-BACKFILL-11

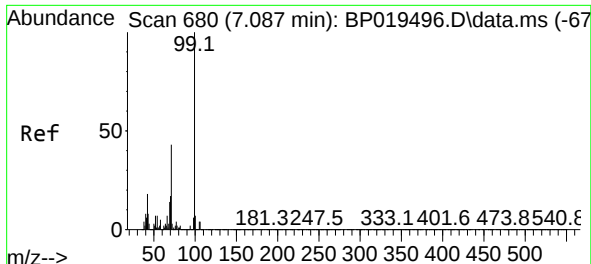
Tgt Ion:152 Resp: 84584  
Ion Ratio Lower Upper  
152 100  
150 151.4 121.8 182.8  
115 62.7 49.9 74.9



#5  
2-Fluorophenol  
Concen: 68.421 ng  
RT: 5.475 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: BP019865.D  
Acq: 24 Feb 2024 16:59

Tgt Ion:112 Resp: 359030  
Ion Ratio Lower Upper  
112 100  
64 61.1 47.4 71.0  
63 34.1 27.0 40.6

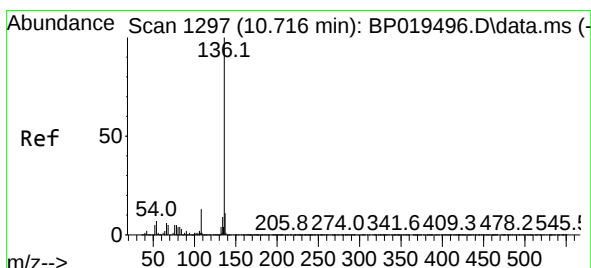
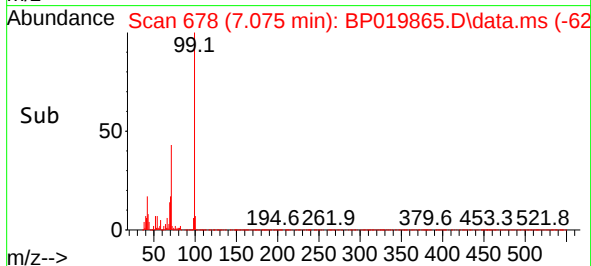
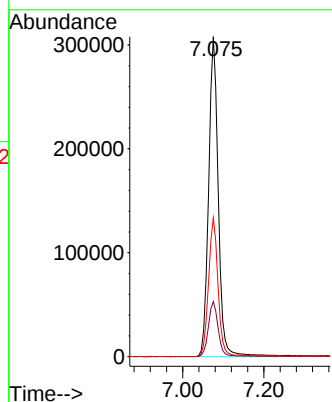
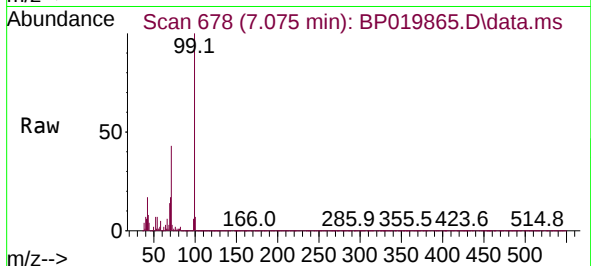




#7  
Phenol-d6  
Concen: 72.208 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP019865.D  
Acq: 24 Feb 2024 16:59

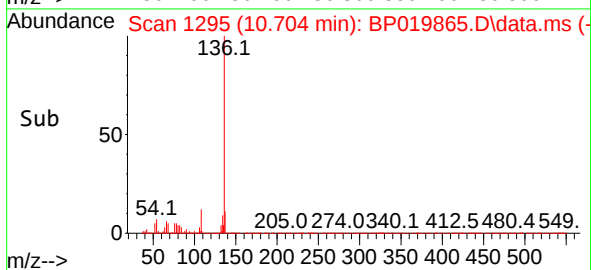
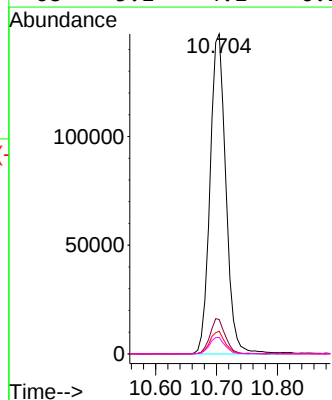
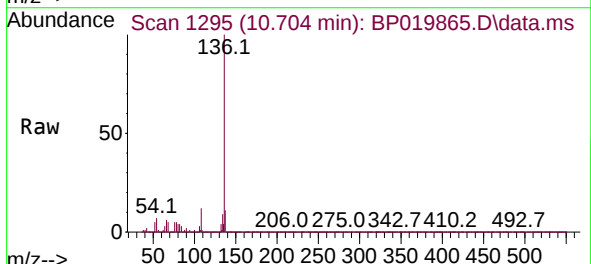
Instrument :  
BNA\_P  
ClientSampleId :  
LKWD-BACKFILL-11

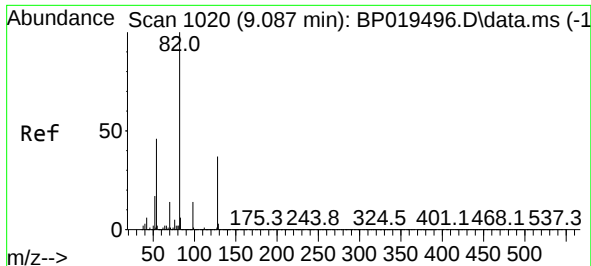
Tgt Ion: 99 Resp: 510898  
Ion Ratio Lower Upper  
99 100  
42 17.2 14.7 22.1  
71 43.4 34.8 52.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BP019865.D  
Acq: 24 Feb 2024 16:59

Tgt Ion: 136 Resp: 265632  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 7.1 5.3 7.9  
68 5.1 4.1 6.1

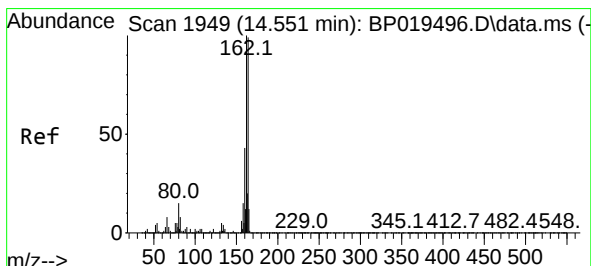
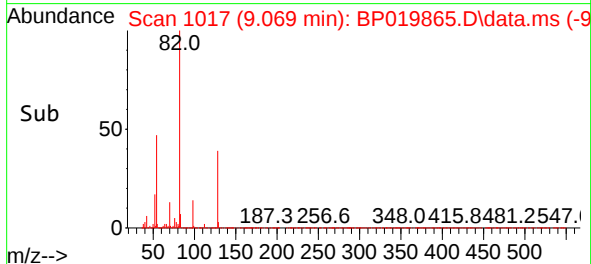
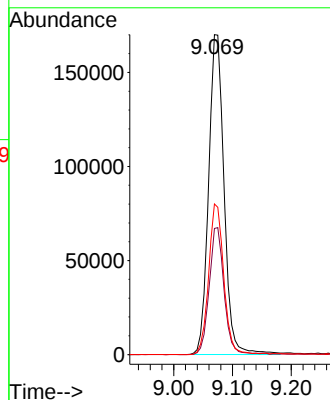
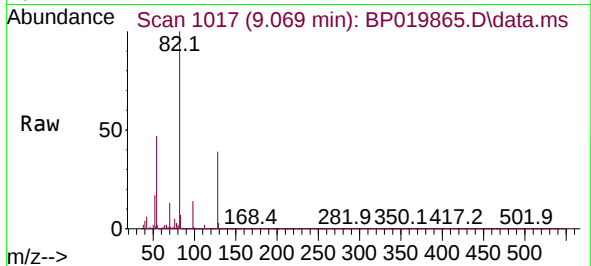




#23  
Nitrobenzene-d5  
Concen: 50.820 ng  
RT: 9.069 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BP019865.D  
Acq: 24 Feb 2024 16:59

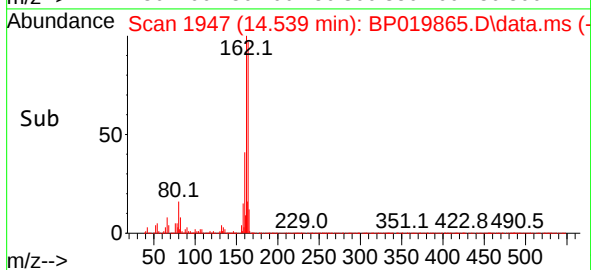
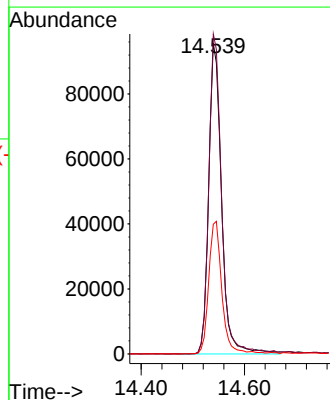
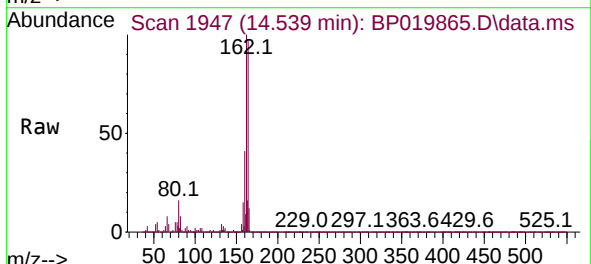
Instrument :  
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ClientSampleId :  
LKWD-BACKFILL-11

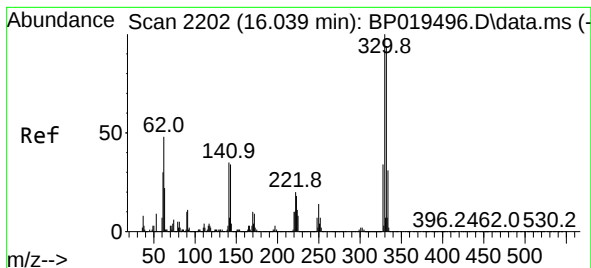
Tgt Ion: 82 Resp: 311539  
Ion Ratio Lower Upper  
82 100  
128 39.4 29.7 44.5  
54 47.1 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BP019865.D  
Acq: 24 Feb 2024 16:59

Tgt Ion: 164 Resp: 165061  
Ion Ratio Lower Upper  
164 100  
162 103.1 81.2 121.8  
160 41.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 93.308 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019865.D

Acq: 24 Feb 2024 16:59

Instrument :

BNA\_P

ClientSampleId :

LKWD-BACKFILL-11

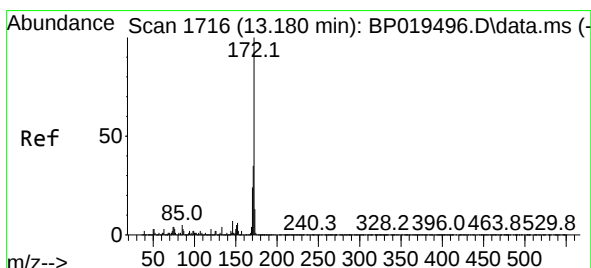
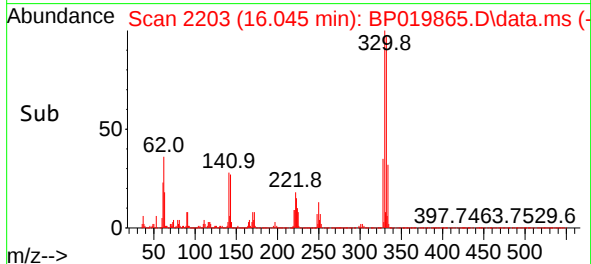
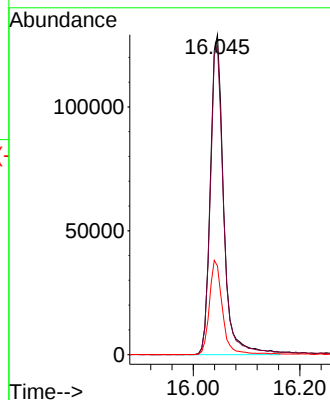
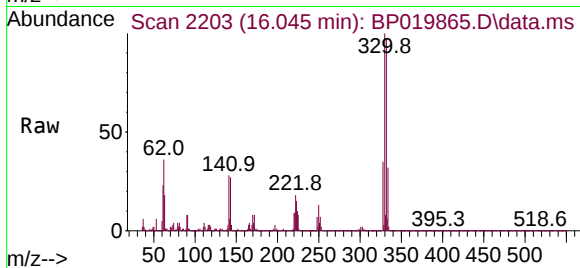
Tgt Ion:330 Resp: 224874

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 28.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 51.233 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP019865.D

Acq: 24 Feb 2024 16:59

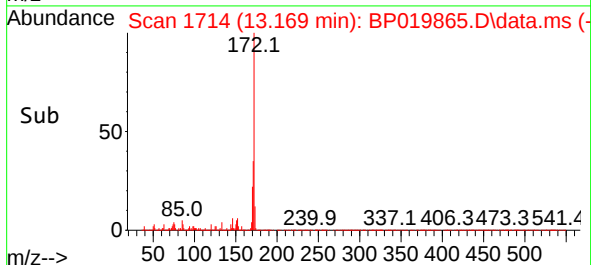
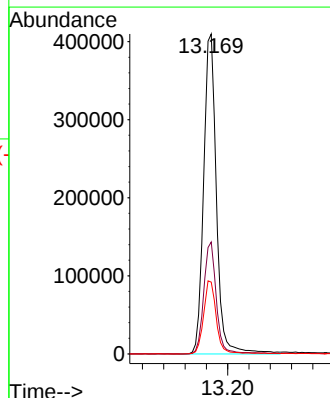
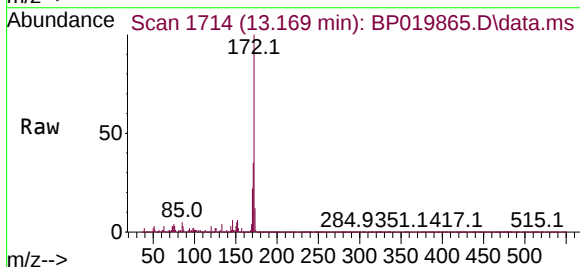
Tgt Ion:172 Resp: 684056

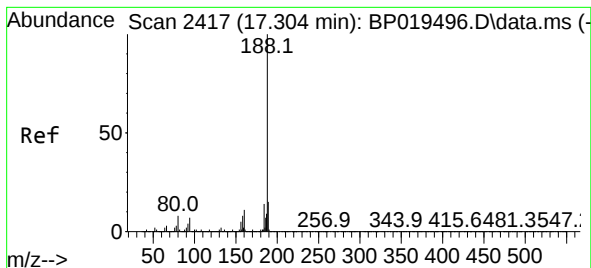
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 22.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019865.D

Acq: 24 Feb 2024 16:59

Instrument :

BNA\_P

ClientSampleId :

LKWD-BACKFILL-11

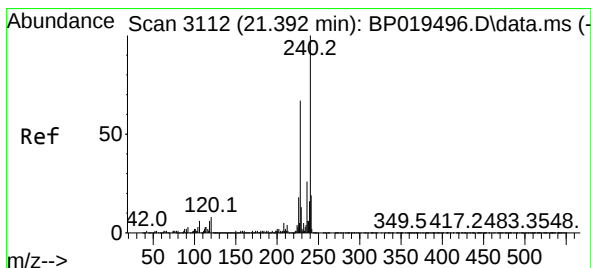
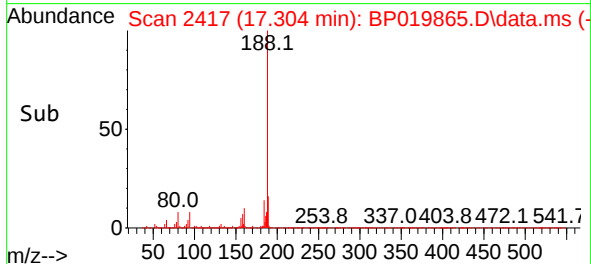
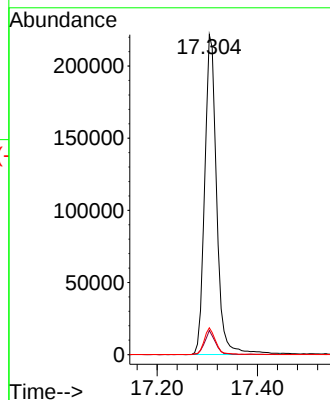
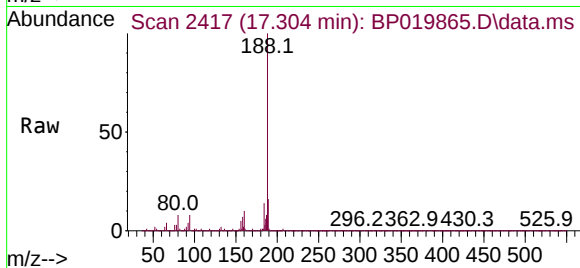
Tgt Ion:188 Resp: 368396

Ion Ratio Lower Upper

188 100

94 7.5 5.4 8.2

80 8.4 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3115

Delta R.T. -0.018 min

Lab File: BP019865.D

Acq: 24 Feb 2024 16:59

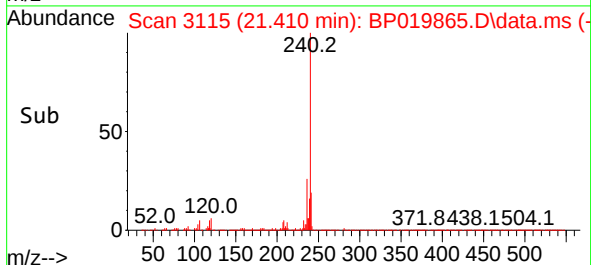
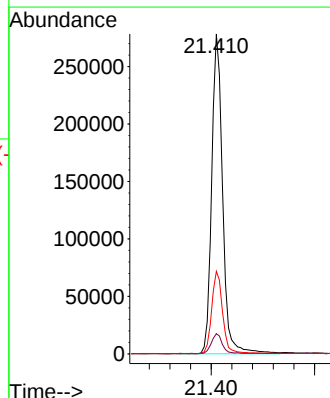
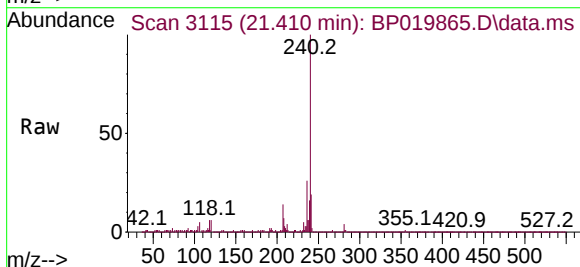
Tgt Ion:240 Resp: 408048

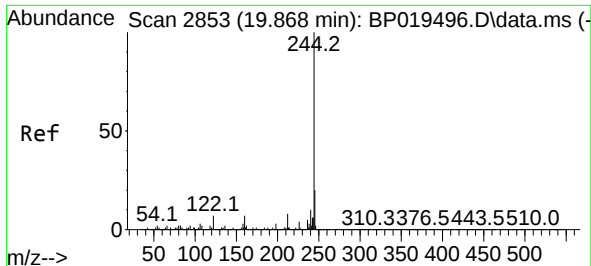
Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 25.8 20.7 31.1



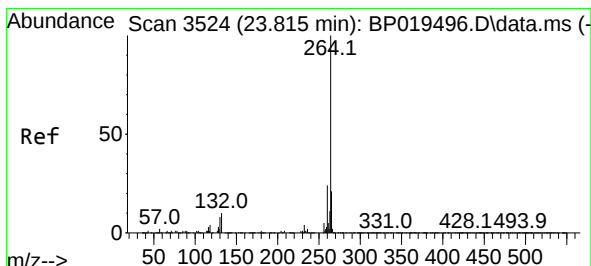
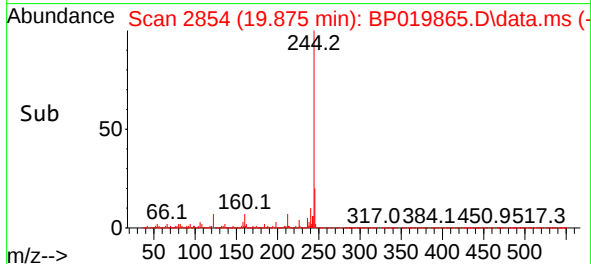
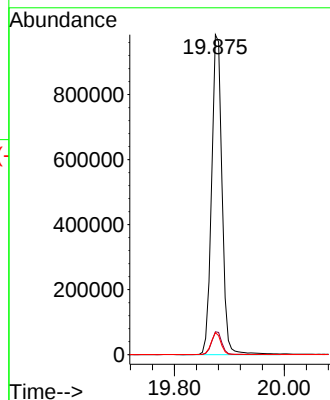
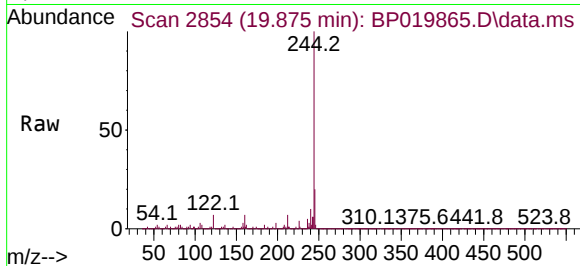


#79  
 Terphenyl-d14  
 Concen: 52.086 ng  
 RT: 19.875 min Scan# 2853  
 Delta R.T. -0.018 min  
 Lab File: BP019865.D  
 Acq: 24 Feb 2024 16:59

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LKWD-BACKFILL-11

Tgt Ion:244 Resp: 1292369  

| 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: 23.845 min Scan# 3529  
 Delta R.T. -0.024 min  
 Lab File: BP019865.D  
 Acq: 24 Feb 2024 16:59

Tgt Ion:264 Resp: 506003  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 19.2  | 28.8  |
| 265 | 22.3  | 17.0  | 25.4  |

