

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
 Data File : BP019925.D  
 Acq On : 28 Feb 2024 20:01  
 Operator : MA/JU  
 Sample : P1610-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SU-02-02272024

Quant Time: Feb 29 00:35:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 02:05:05 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.893  | 152  | 117019   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.698 | 136  | 455574   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.539 | 164  | 312598   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.304 | 188  | 605719   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.410 | 240  | 432974   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.845 | 264  | 497470   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 231026   | 32.405 | ng    | 0.00     |
| 7) Phenol-d6                | 7.069  | 99   | 339957   | 32.027 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.069  | 82   | 238075   | 21.097 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.039 | 330  | 184325   | 34.389 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.163 | 172  | 609883   | 26.360 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.874 | 244  | 774848   | 28.207 | ng    | 0.00     |

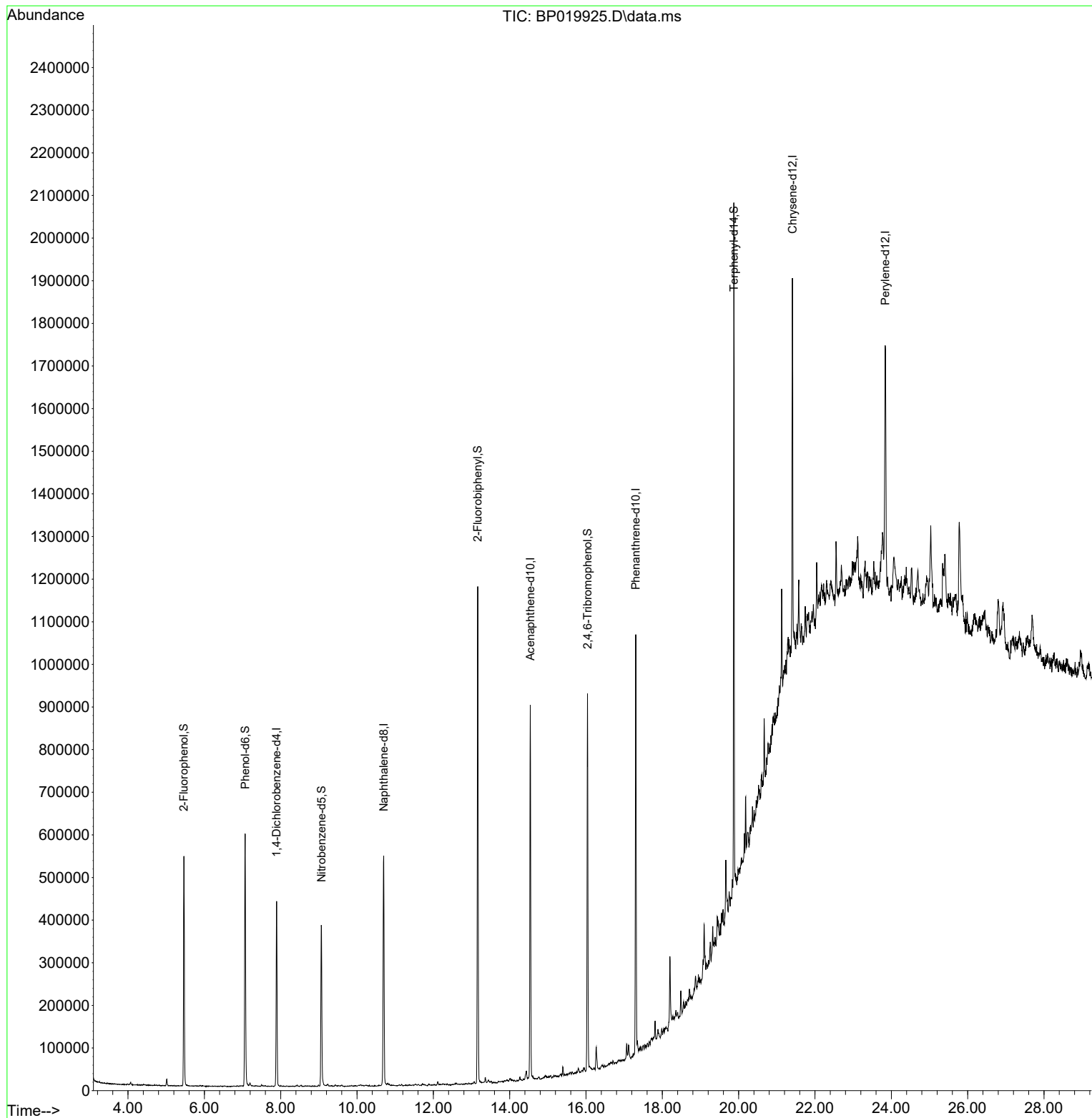
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

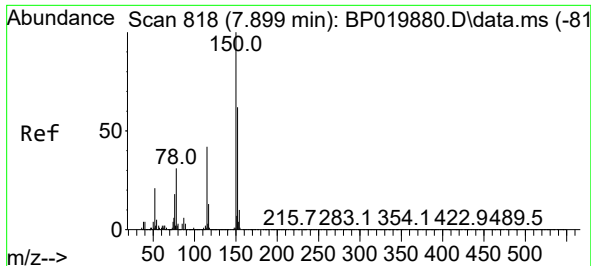
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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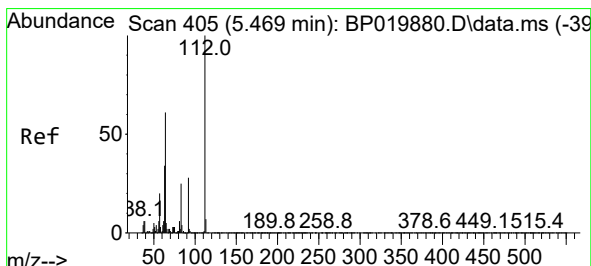
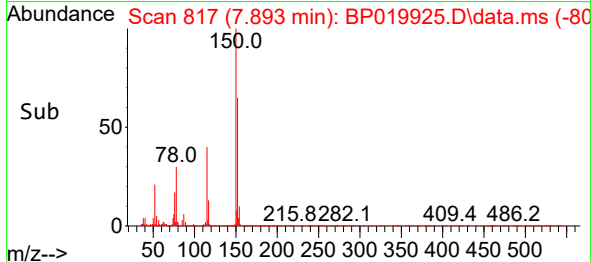
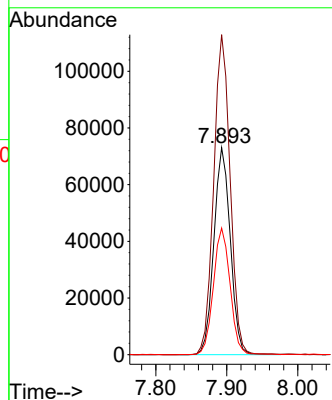
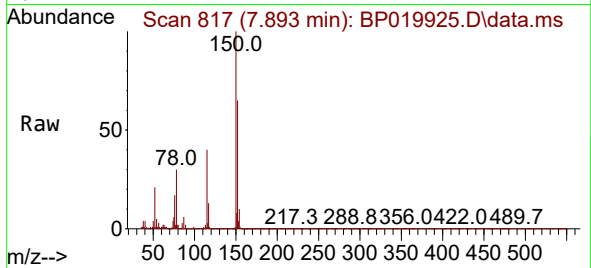




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.893 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP019925.D  
Acq: 28 Feb 2024 20:01

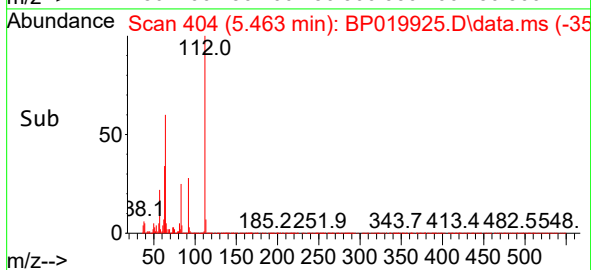
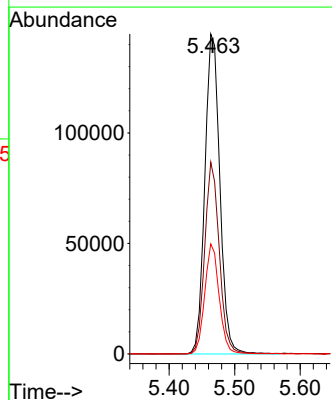
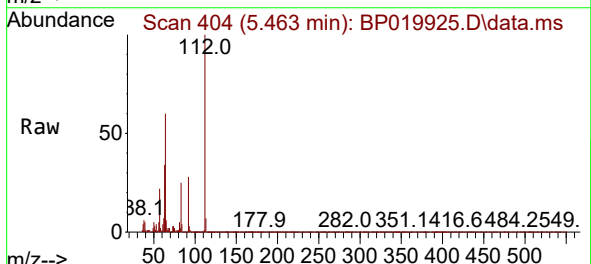
Instrument :  
BNA\_P  
ClientSampleId :  
SU-02-02272024

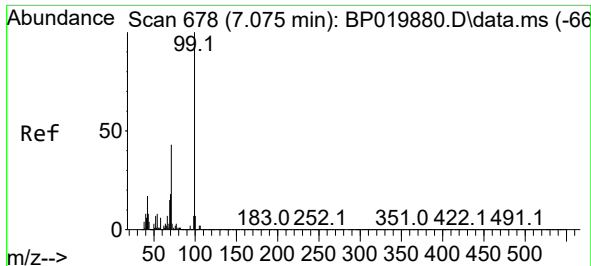
Tgt Ion:152 Resp: 117019  
Ion Ratio Lower Upper  
152 100  
150 154.6 128.6 192.8  
115 61.2 53.4 80.2



#5  
2-Fluorophenol  
Concen: 32.405 ng  
RT: 5.463 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: BP019925.D  
Acq: 28 Feb 2024 20:01

Tgt Ion:112 Resp: 231026  
Ion Ratio Lower Upper  
112 100  
64 59.9 49.0 73.6  
63 34.4 27.6 41.4

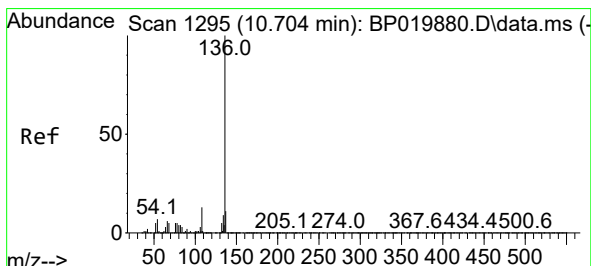
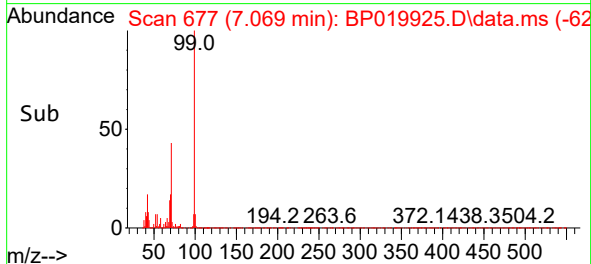
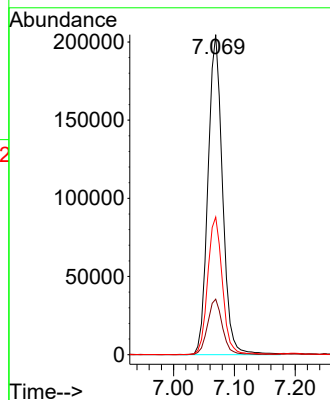
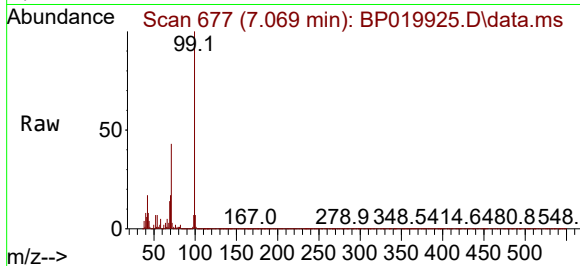




#7  
Phenol-d6  
Concen: 32.027 ng  
RT: 7.069 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP019925.D  
Acq: 28 Feb 2024 20:01

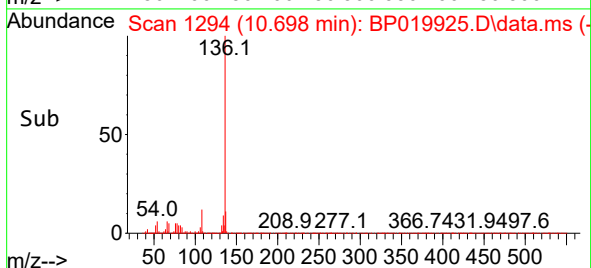
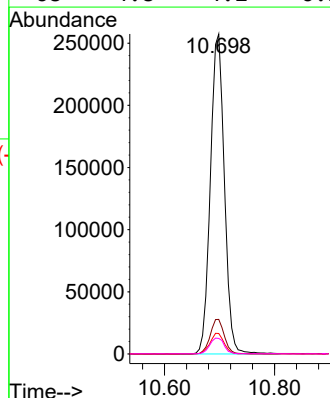
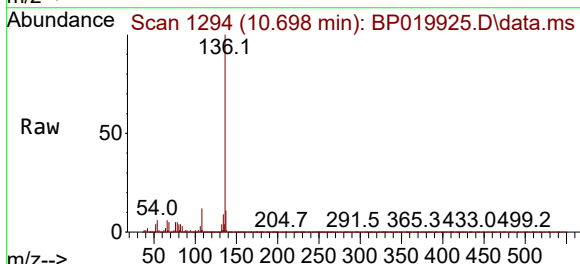
Instrument :  
BNA\_P  
ClientSampleId :  
SU-02-02272024

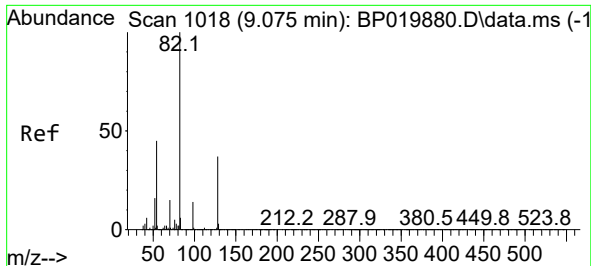
Tgt Ion: 99 Resp: 339957  
Ion Ratio Lower Upper  
99 100  
42 17.3 13.8 20.8  
71 43.0 34.5 51.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.698 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: BP019925.D  
Acq: 28 Feb 2024 20:01

Tgt Ion: 136 Resp: 455574  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 6.4 6.0 9.0  
68 4.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 21.097 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BP019925.D

Acq: 28 Feb 2024 20:01

Instrument :

BNA\_P

ClientSampleId :

SU-02-02272024

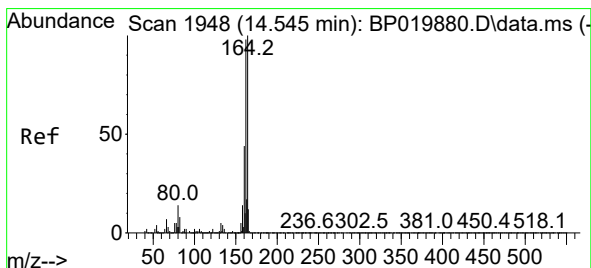
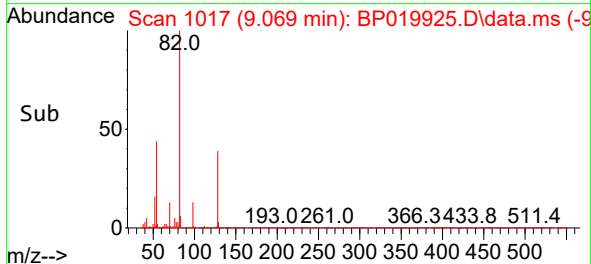
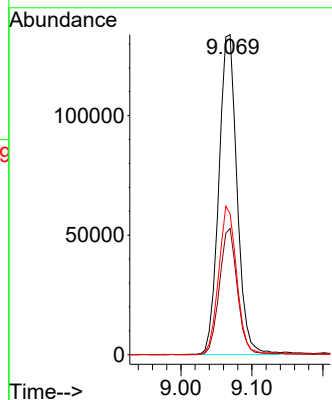
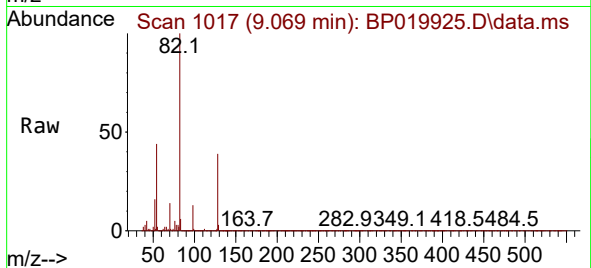
Tgt Ion: 82 Resp: 238075

Ion Ratio Lower Upper

82 100

128 39.5 29.6 44.4

54 44.1 36.3 54.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BP019925.D

Acq: 28 Feb 2024 20:01

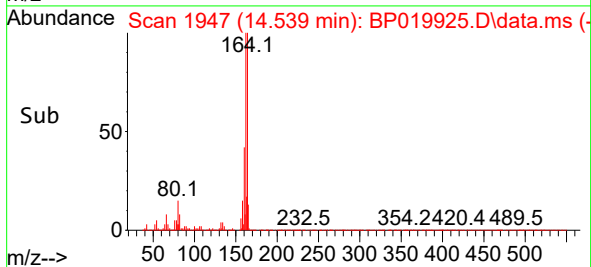
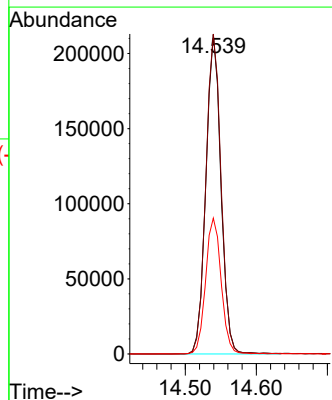
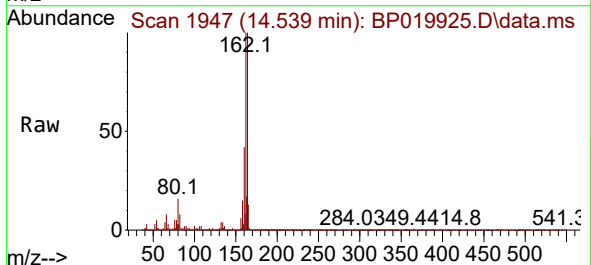
Tgt Ion:164 Resp: 312598

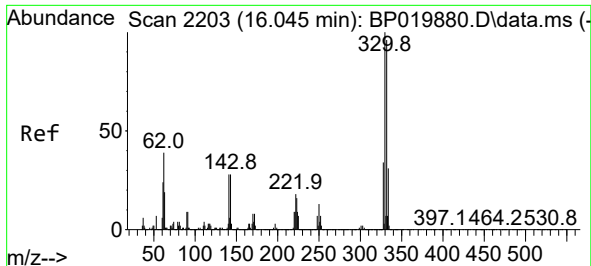
Ion Ratio Lower Upper

164 100

162 100.2 78.1 117.1

160 42.6 35.3 52.9

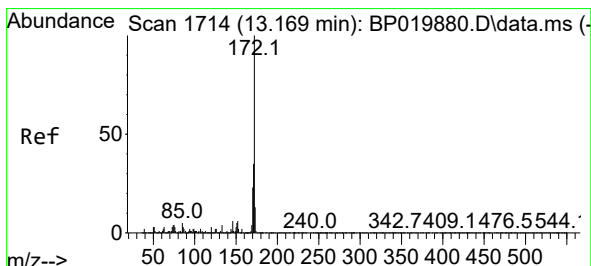
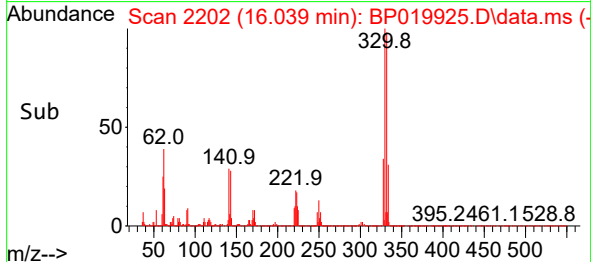
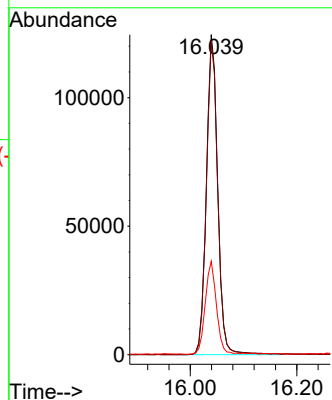
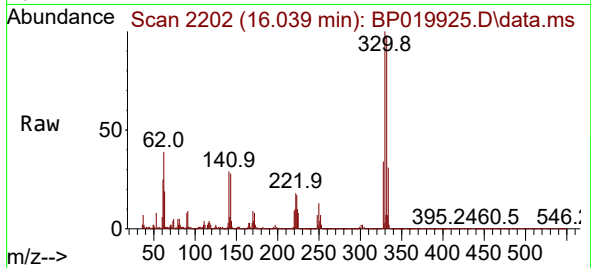




#42  
2,4,6-Tribromophenol  
Concen: 34.389 ng  
RT: 16.039 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019925.D  
Acq: 28 Feb 2024 20:01

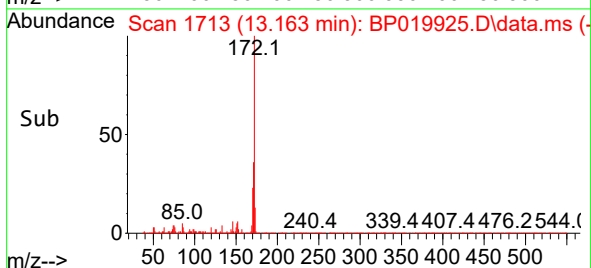
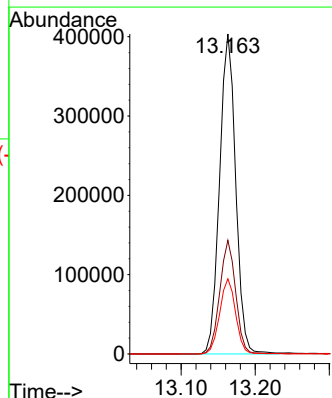
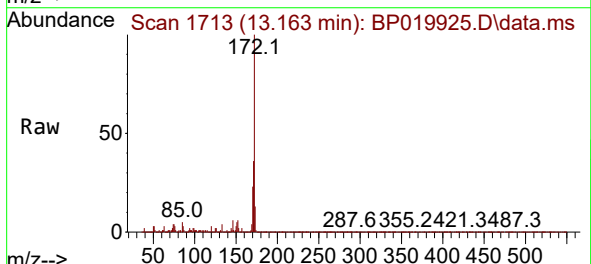
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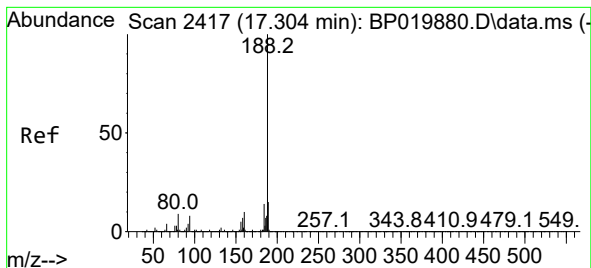
Tgt Ion:330 Resp: 184325  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.4 116.2  
141 28.7 24.6 37.0



#45  
2-Fluorobiphenyl  
Concen: 26.360 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BP019925.D  
Acq: 28 Feb 2024 20:01

Tgt Ion:172 Resp: 609883  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.8 41.6  
170 23.5 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP019925.D

Acq: 28 Feb 2024 20:01

Instrument :

BNA\_P

ClientSampleId :

SU-02-02272024

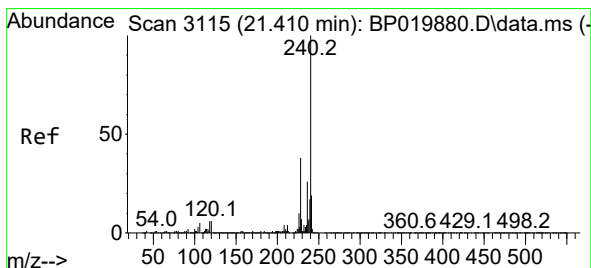
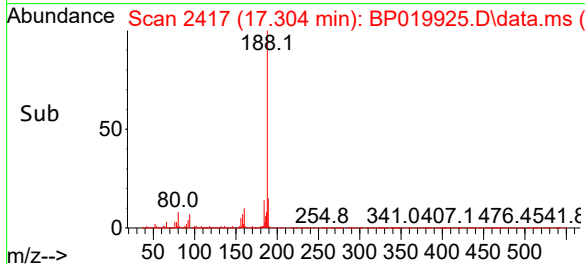
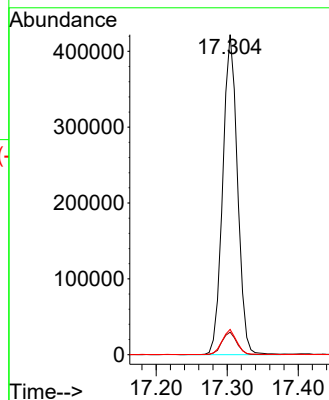
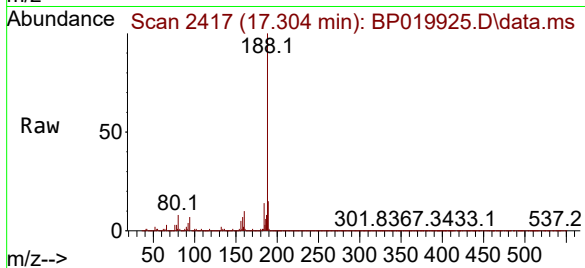
Tgt Ion:188 Resp: 605719

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

80 7.9 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP019925.D

Acq: 28 Feb 2024 20:01

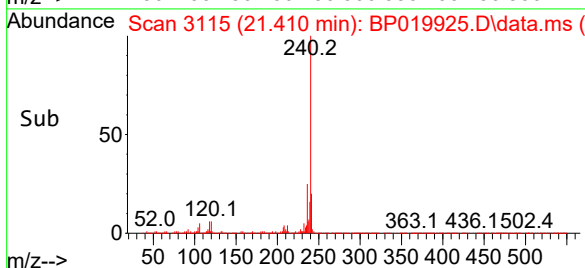
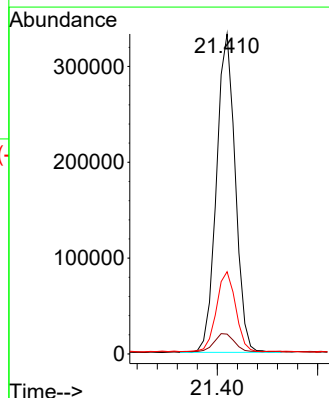
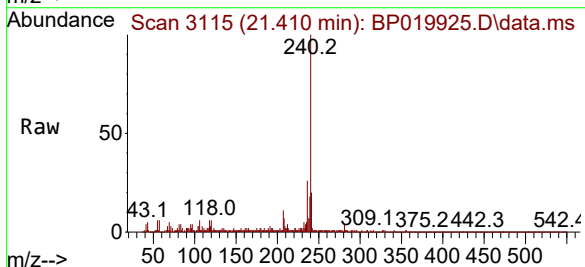
Tgt Ion:240 Resp: 432974

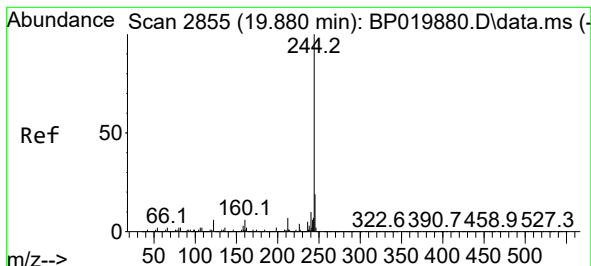
Ion Ratio Lower Upper

240 100

120 6.2 5.1 7.7

236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 28.207 ng

RT: 19.874 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019925.D

Acq: 28 Feb 2024 20:01

Instrument :

BNA\_P

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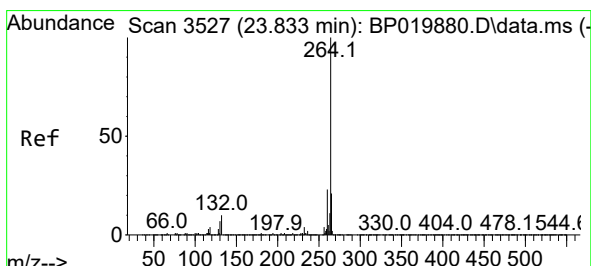
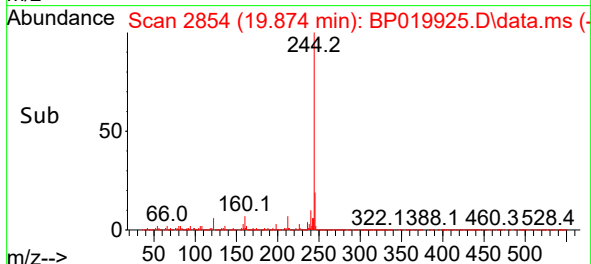
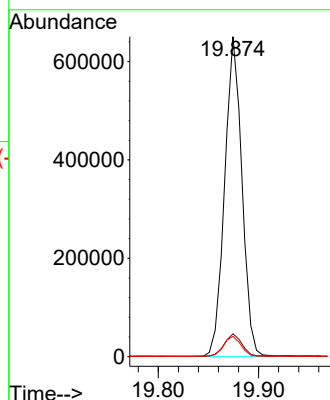
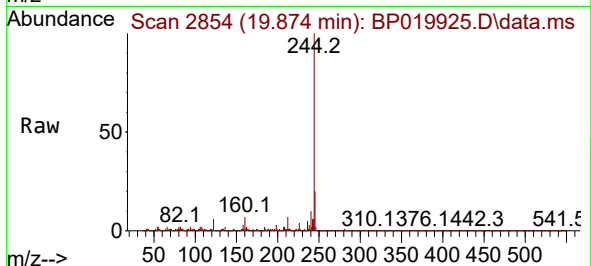
Tgt Ion:244 Resp: 774848

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 6.4 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3529

Delta R.T. 0.012 min

Lab File: BP019925.D

Acq: 28 Feb 2024 20:01

Tgt Ion:264 Resp: 497470

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 23.0 17.4 26.2

