

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
 Data File : BP008436.D  
 Acq On : 16 Dec 2021 03:58  
 Operator : CG/JU  
 Sample : M5074-03  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CS-2

Quant Time: Dec 16 06:48:32 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 14 17:59:47 2021  
 Response via : Initial Calibration

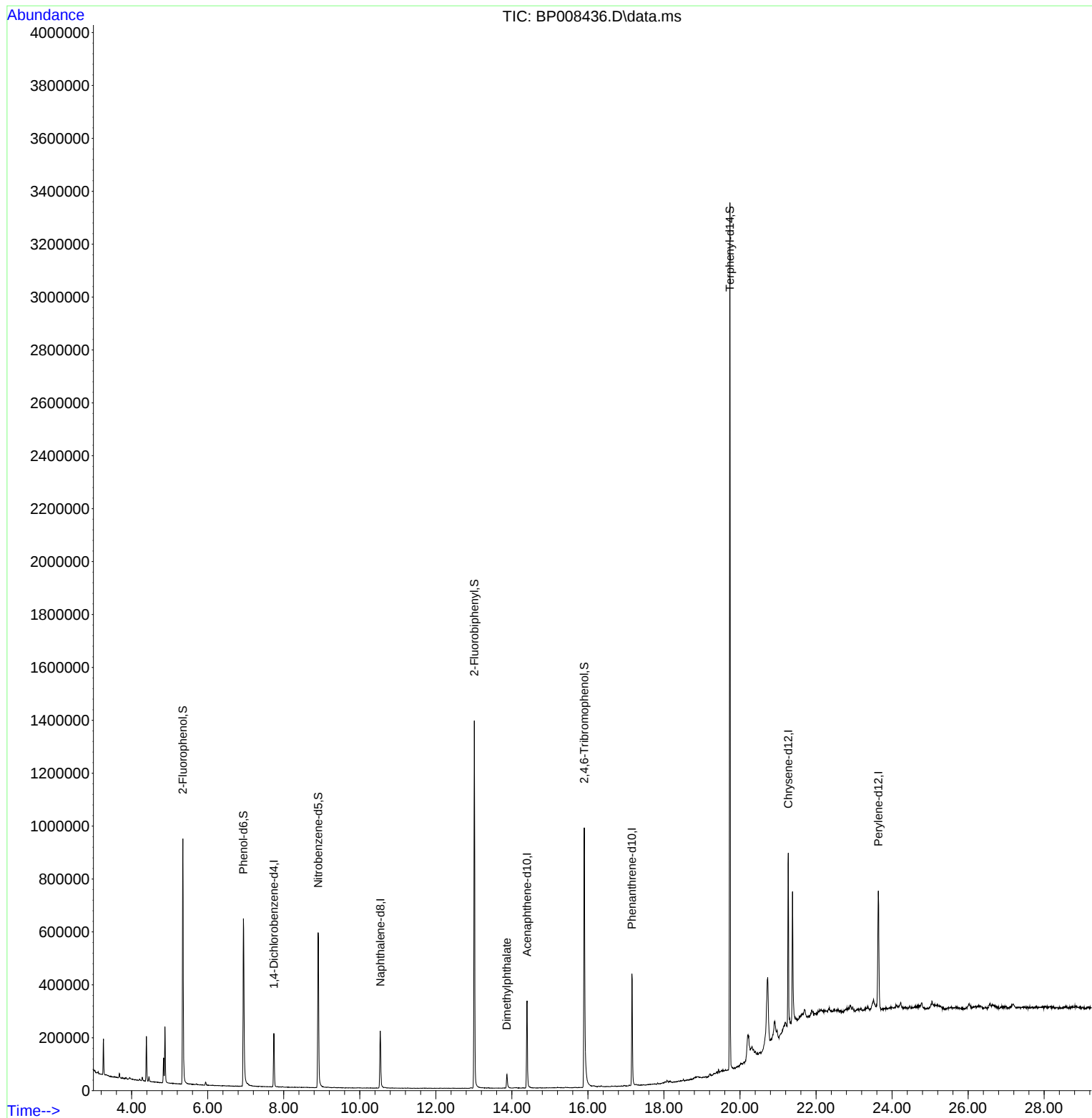
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.740  | 152  | 51651    | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.540 | 136  | 184582   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.398 | 164  | 122482   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.157 | 188  | 276275   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.269 | 240  | 337933   | 20.000  | ng    | # 0.00    |
| 86) Perylene-d12            | 23.639 | 264  | 374707   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.346  | 112  | 378737   | 115.799 | ng    | 0.00      |
| 7) Phenol-d6                | 6.940  | 99   | 405080   | 92.218  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.905  | 82   | 373643   | 85.758  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.904 | 330  | 243381   | 135.214 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.010 | 172  | 734358   | 76.216  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.733 | 244  | 1518921  | 78.226  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 50) Dimethylphthalate       | 13.869 | 163  | 41549    | 4.480   | ng    | Qvalue 96 |
| -----                       |        |      |          |         |       |           |

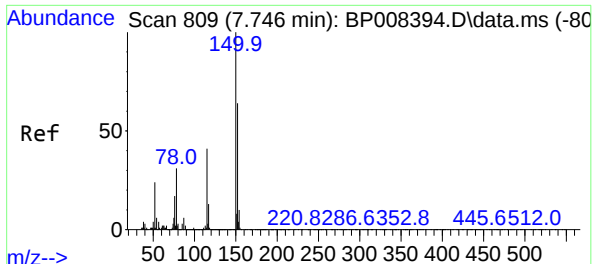
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M5074-03  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
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Quant Time: Dec 16 06:48:32 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 14 17:59:47 2021  
Response via : Initial Calibration

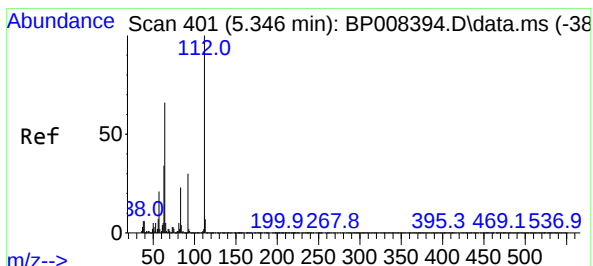
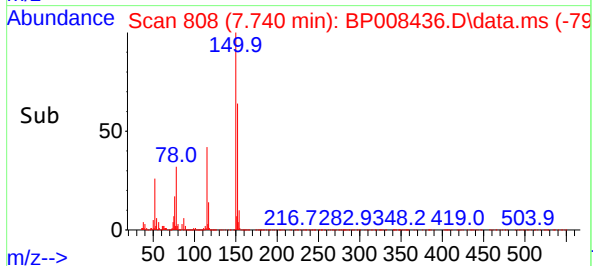
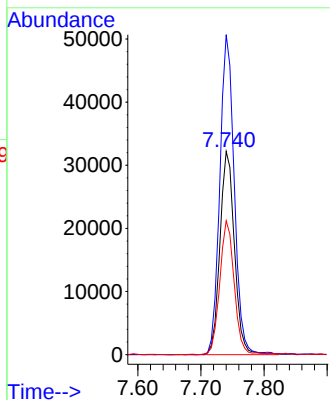
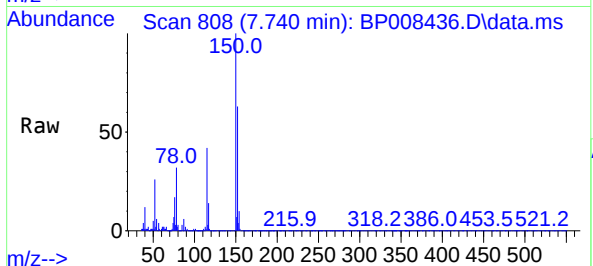




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BP008436.D  
Acq: 16 Dec 2021 03:58

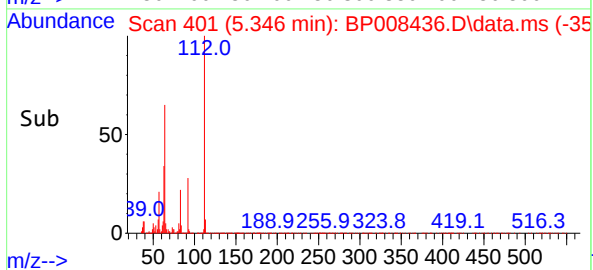
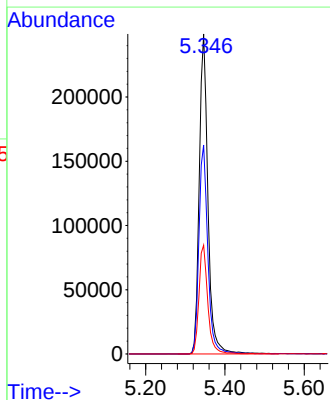
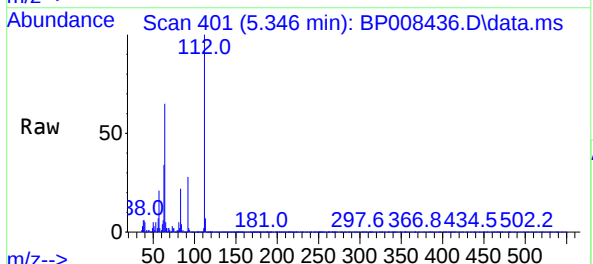
Instrument :  
BNA\_P  
ClientSampleId :  
CS-2

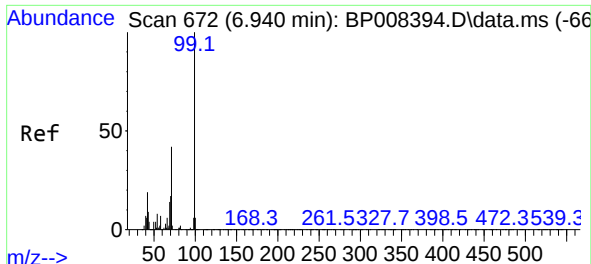
Tgt Ion:152 Resp: 51651  
Ion Ratio Lower Upper  
152 100  
150 157.5 125.7 188.5  
115 65.9 50.7 76.1



#5  
2-Fluorophenol  
Concen: 115.799 ng  
RT: 5.346 min Scan# 401  
Delta R.T. 0.000 min  
Lab File: BP008436.D  
Acq: 16 Dec 2021 03:58

Tgt Ion:112 Resp: 378737  
Ion Ratio Lower Upper  
112 100  
64 65.3 53.4 80.2  
63 34.0 27.8 41.8

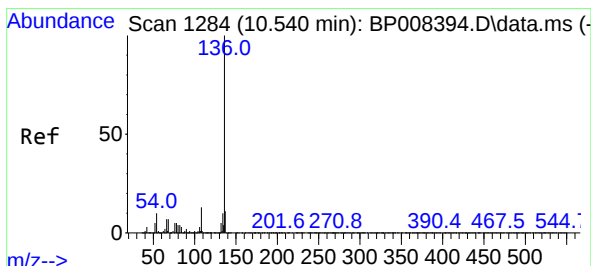
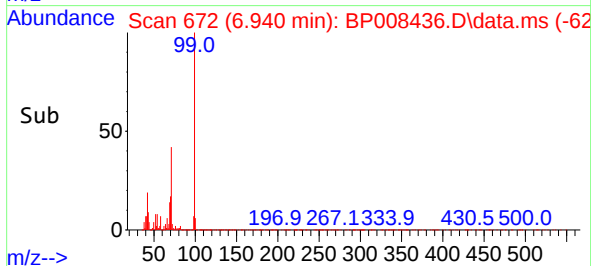
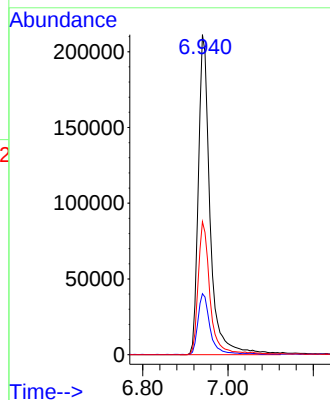
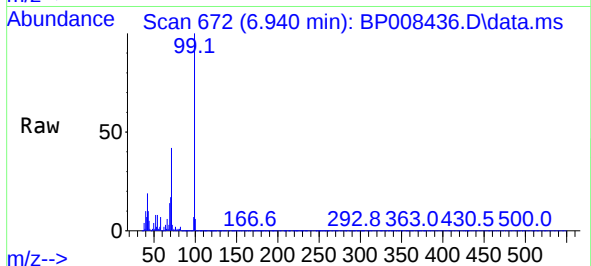




#7  
Phenol-d6  
Concen: 92.218 ng  
RT: 6.940 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP008436.D  
Acq: 16 Dec 2021 03:58

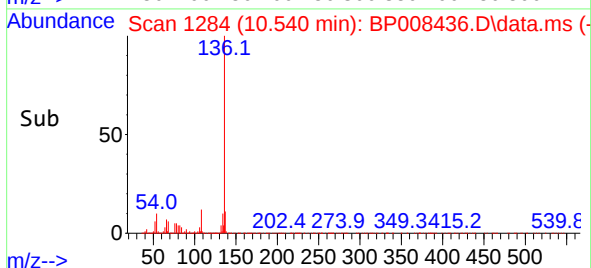
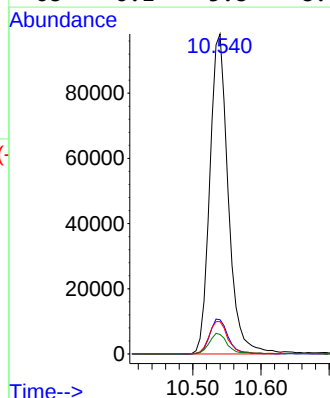
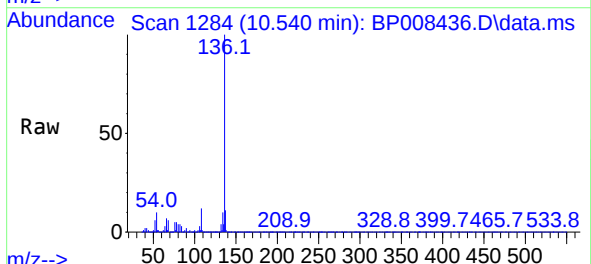
Instrument :  
BNA\_P  
ClientSampleId :  
CS-2

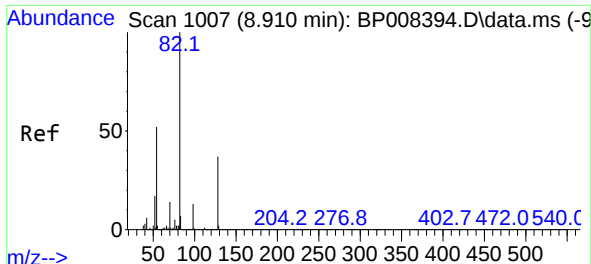
Tgt Ion: 99 Resp: 405080  
Ion Ratio Lower Upper  
99 100  
42 19.0 14.6 22.0  
71 41.6 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.540 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BP008436.D  
Acq: 16 Dec 2021 03:58

Tgt Ion: 136 Resp: 184582  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.0 13.6  
54 10.1 8.2 12.4  
68 6.1 5.8 8.8





#23

Nitrobenzene-d5

Concen: 85.758 ng

RT: 8.905 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP008436.D

Acq: 16 Dec 2021 03:58

Instrument :

BNA\_P

ClientSampleId :

CS-2

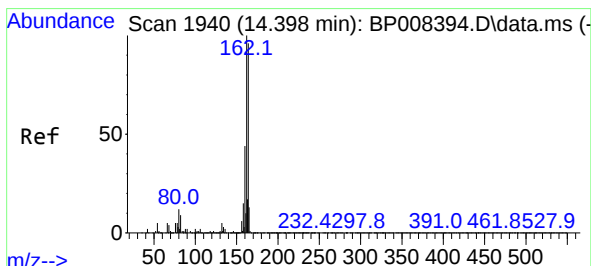
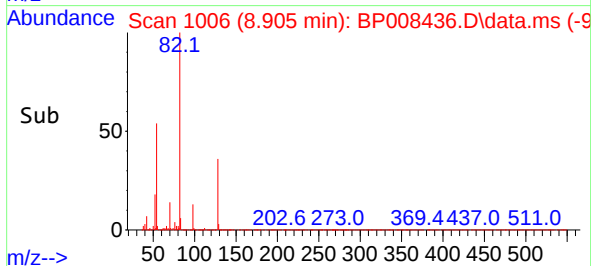
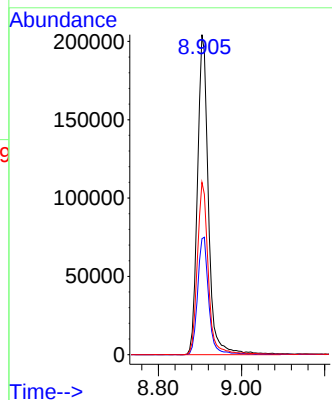
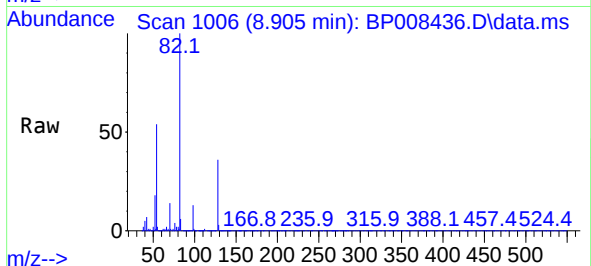
Tgt Ion: 82 Resp: 373643

Ion Ratio Lower Upper

82 100

128 36.3 29.6 44.4

54 53.8 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BP008436.D

Acq: 16 Dec 2021 03:58

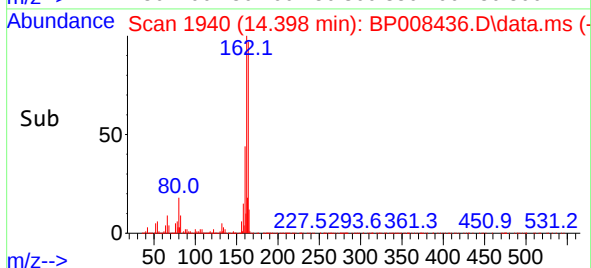
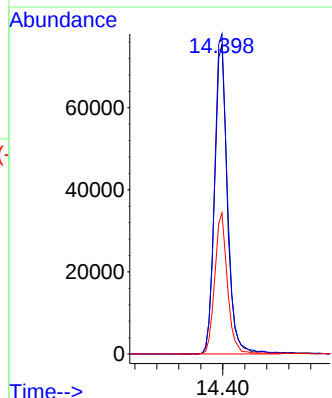
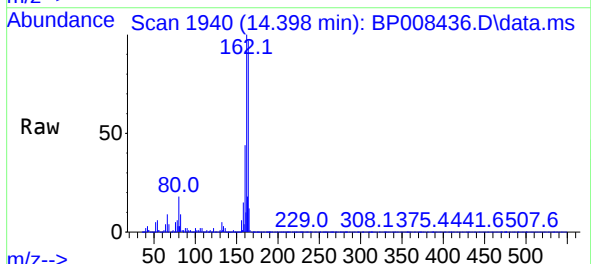
Tgt Ion: 164 Resp: 122482

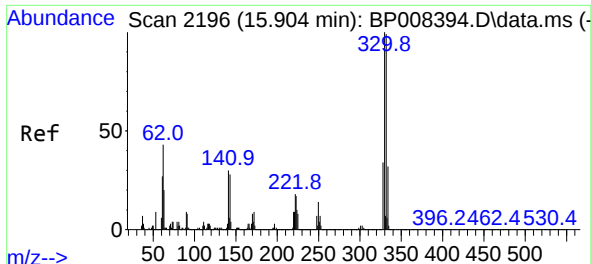
Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

160 45.6 35.4 53.0



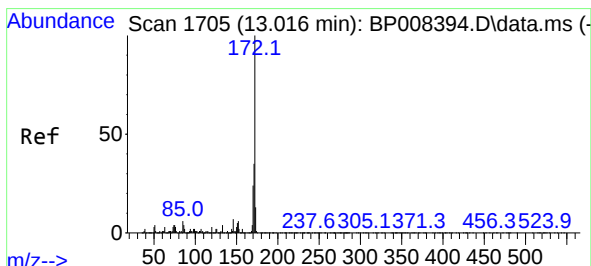
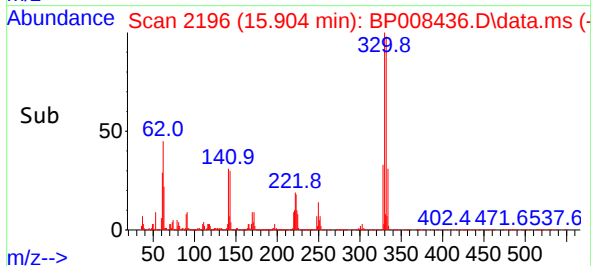
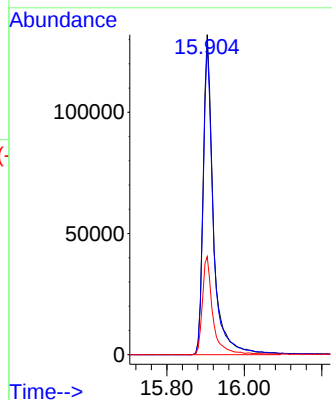
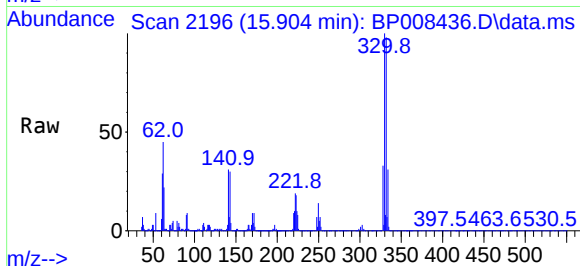


#42  
2,4,6-Tribromophenol  
Concen: 135.214 ng  
RT: 15.904 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: BP008436.D  
Acq: 16 Dec 2021 03:58

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Tgt Ion: 330 Resp: 243381

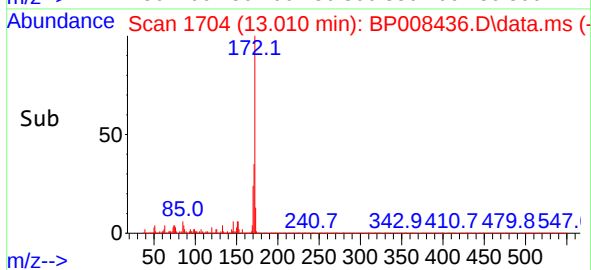
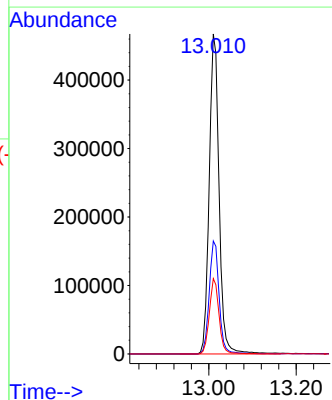
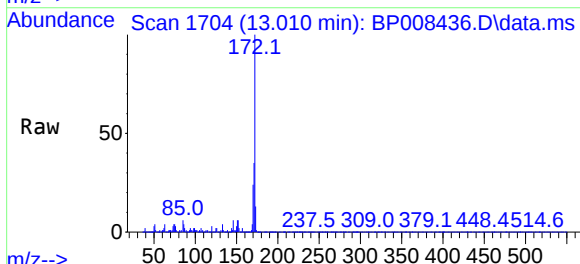
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.9  | 77.0  | 115.4 |
| 141 | 30.7  | 28.4  | 42.6  |

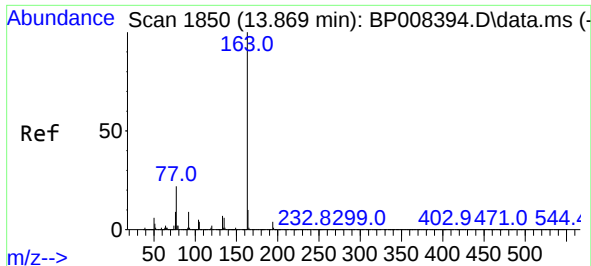


#45  
2-Fluorobiphenyl  
Concen: 76.216 ng  
RT: 13.010 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: BP008436.D  
Acq: 16 Dec 2021 03:58

Tgt Ion: 172 Resp: 734358

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.3  | 28.0  | 42.0  |
| 170 | 23.5  | 18.9  | 28.3  |

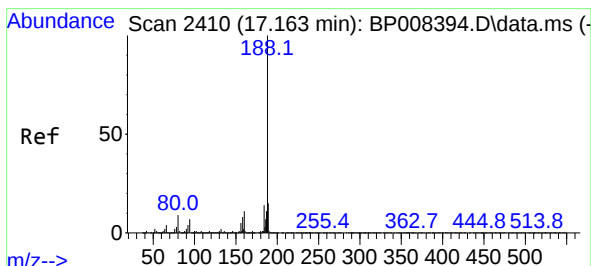
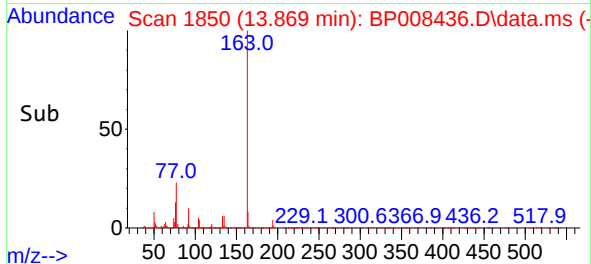
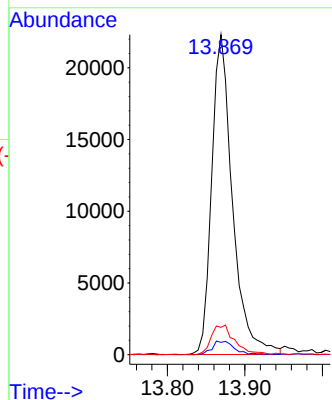
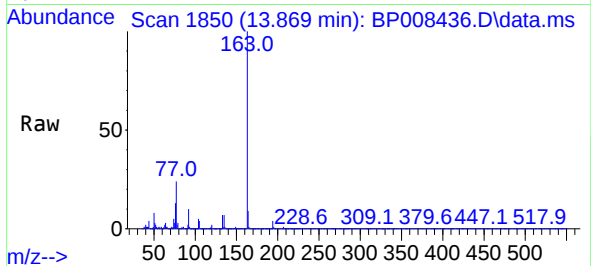




#50  
Dimethylphthalate  
Concen: 4.480 ng  
RT: 13.869 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP008436.D  
Acq: 16 Dec 2021 03:58

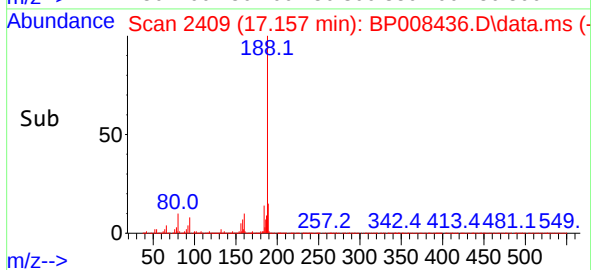
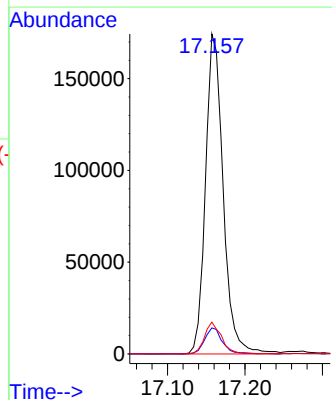
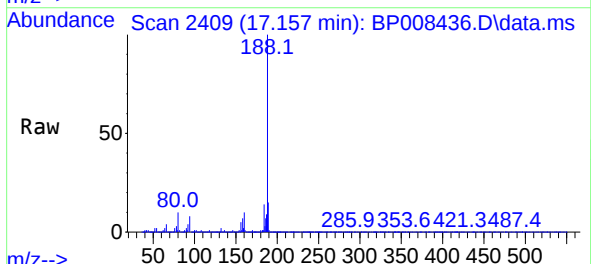
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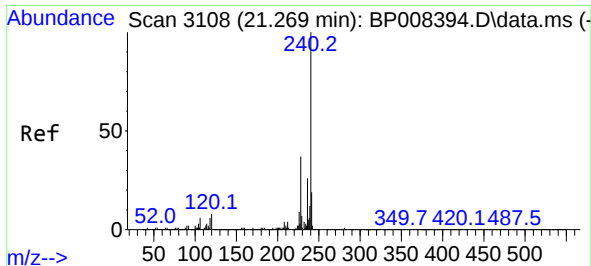
Tgt Ion:163 Resp: 41549  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.4 5.2  
164 8.5 8.2 12.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.157 min Scan# 2409  
Delta R.T. -0.006 min  
Lab File: BP008436.D  
Acq: 16 Dec 2021 03:58

Tgt Ion:188 Resp: 276275  
Ion Ratio Lower Upper  
188 100  
94 8.2 7.2 10.8  
80 10.0 8.2 12.4

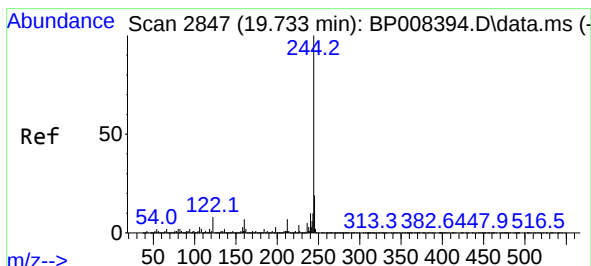
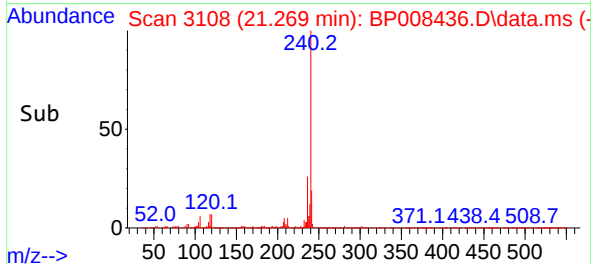
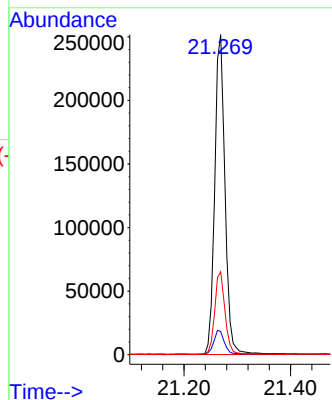
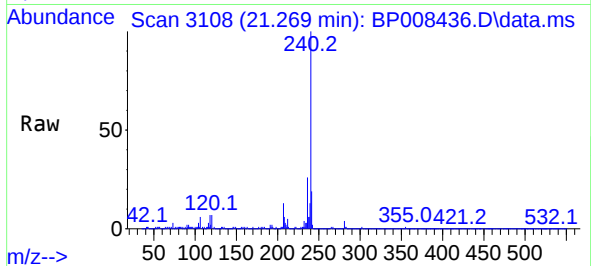




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.269 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: BP008436.D  
Acq: 16 Dec 2021 03:58

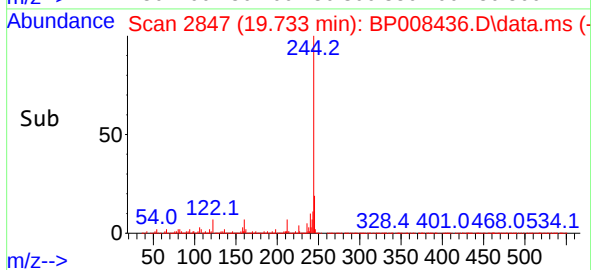
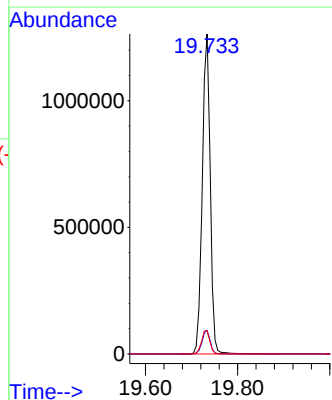
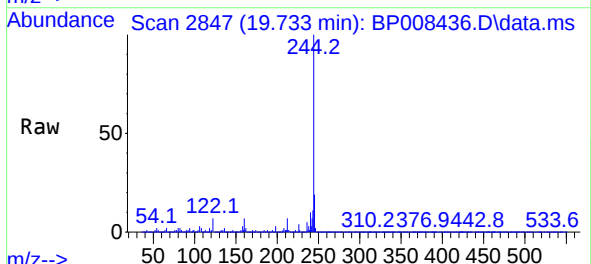
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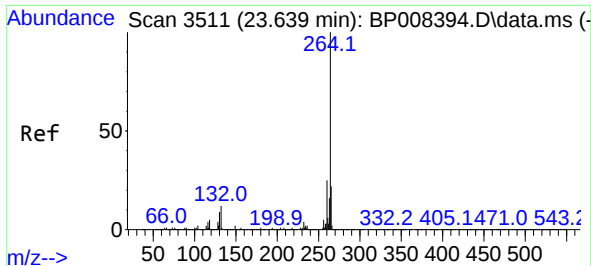
Tgt Ion:240 Resp: 337933  
Ion Ratio Lower Upper  
240 100  
120 7.3 7.3 10.9#  
236 25.9 21.4 32.2



#79  
Terphenyl-d14  
Concen: 78.226 ng  
RT: 19.733 min Scan# 2847  
Delta R.T. 0.000 min  
Lab File: BP008436.D  
Acq: 16 Dec 2021 03:58

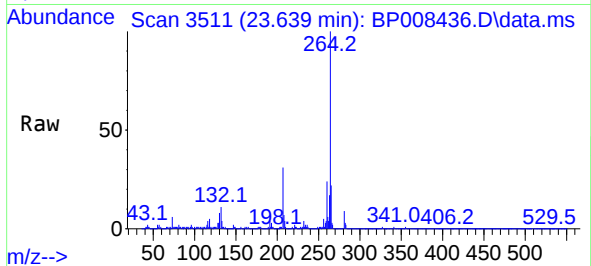
Tgt Ion:244 Resp: 1518921  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.0 9.0  
122 7.3 6.6 9.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.639 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BP008436.D  
 Acq: 16 Dec 2021 03:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
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Tgt Ion:264 Resp: 374707  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.4 29.2  
 265 22.4 17.6 26.4

