

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080223\  
 Data File : BP016473.D  
 Acq On : 02 Aug 2023 17:37  
 Operator : MA/JU  
 Sample : 03831-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-17-20230727

Quant Time: Aug 02 21:47:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.075  | 152  | 413023   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.910 | 136  | 1762888  | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.722 | 164  | 1100486  | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.492 | 188  | 2434576  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.586 | 240  | 1894858  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.180 | 264  | 1805314  | 20.000  | ng    | -0.01    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.587  | 112  | 1492431  | 58.950  | ng    | -0.02    |
| 7) Phenol-d6                | 7.210  | 99   | 1200892  | 34.607  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.275  | 82   | 2932363  | 93.114  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.222 | 330  | 1850663  | 114.311 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.351 | 172  | 6630826  | 86.384  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.039 | 244  | 8806415  | 98.175  | ng    | 0.00     |

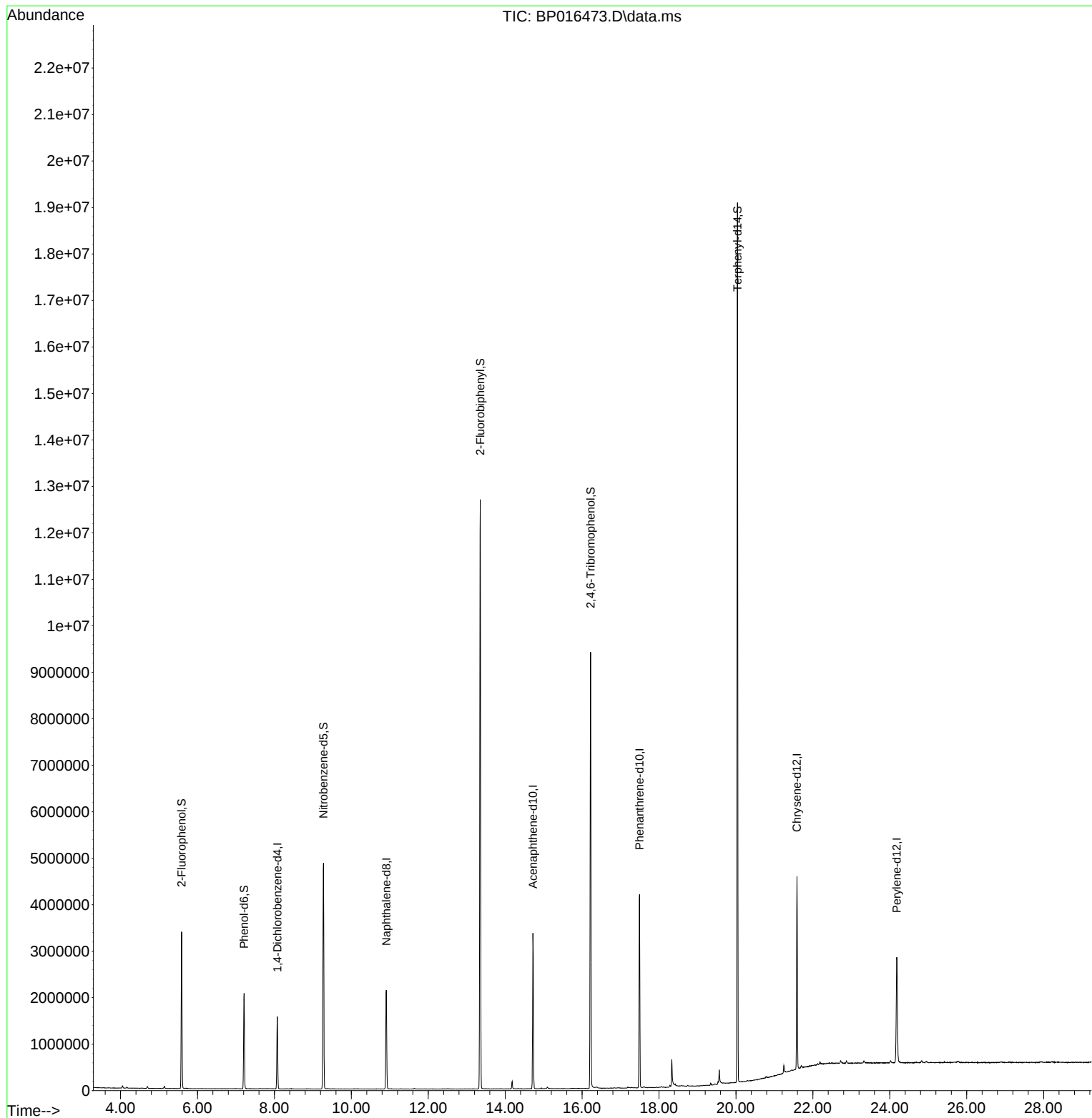
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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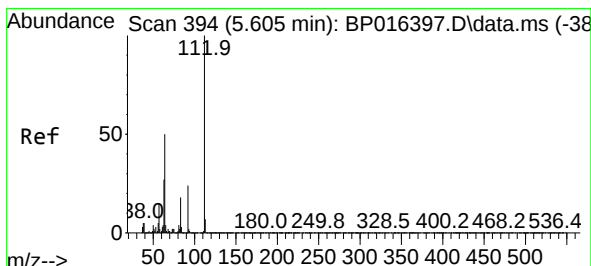
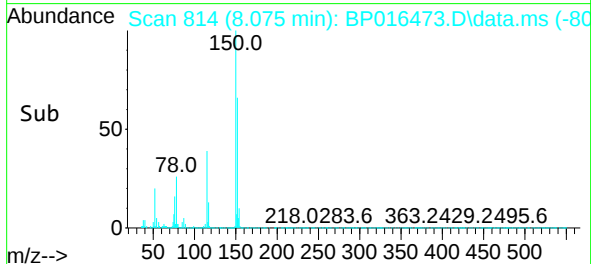
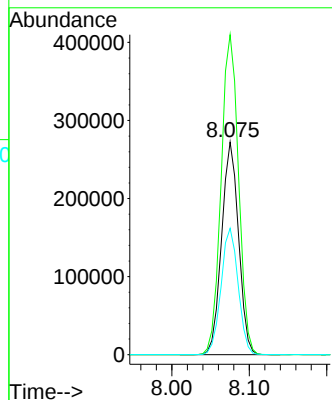
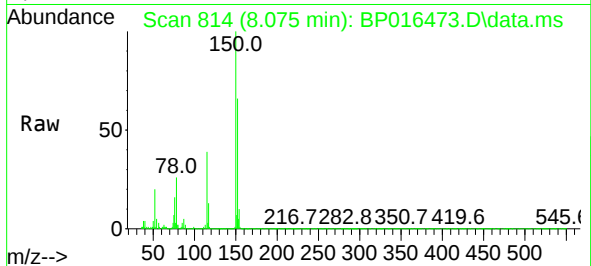




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.075 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP016473.D  
Acq: 02 Aug 2023 17:37

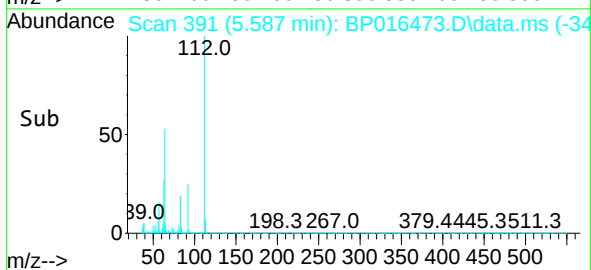
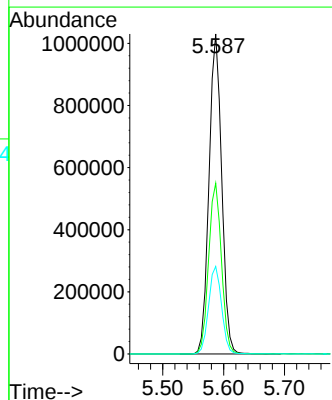
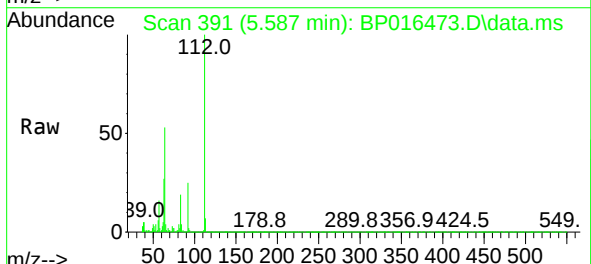
Instrument :  
BNA\_P  
ClientSampleId :  
MW-17-20230727

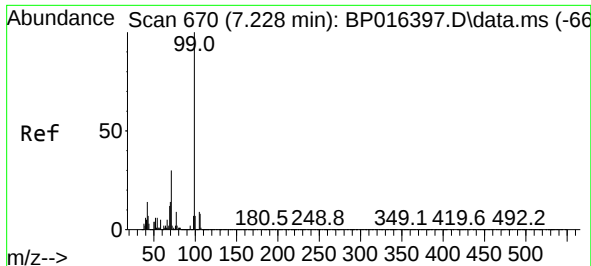
Tgt Ion:152 Resp: 413023  
Ion Ratio Lower Upper  
152 100  
150 150.5 124.9 187.3  
115 59.4 46.8 70.2



#5  
2-Fluorophenol  
Concen: 58.950 ng  
RT: 5.587 min Scan# 391  
Delta R.T. -0.018 min  
Lab File: BP016473.D  
Acq: 02 Aug 2023 17:37

Tgt Ion:112 Resp: 1492431  
Ion Ratio Lower Upper  
112 100  
64 53.4 40.0 60.0  
63 27.4 21.2 31.8

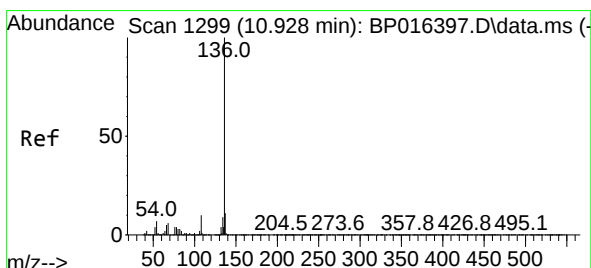
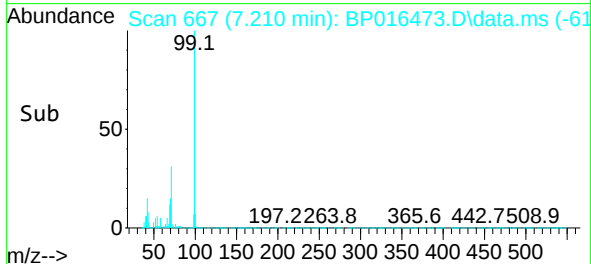
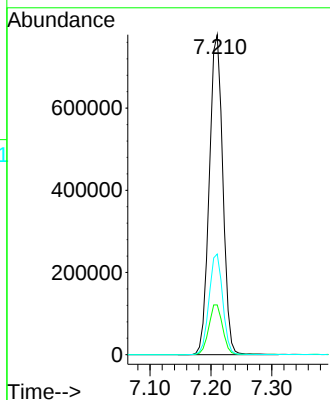
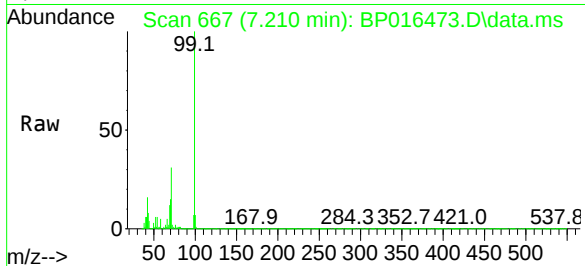




#7  
Phenol-d6  
Concen: 34.607 ng  
RT: 7.210 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BP016473.D  
Acq: 02 Aug 2023 17:37

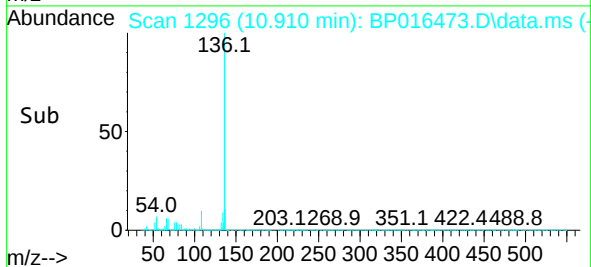
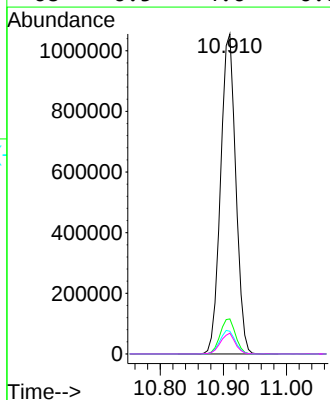
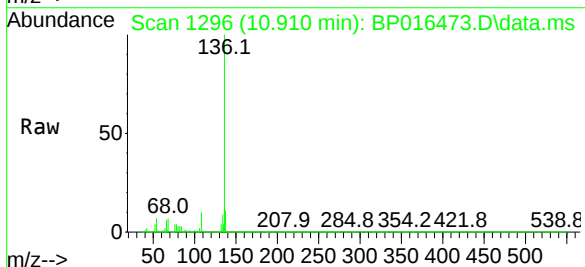
Instrument :  
BNA\_P  
ClientSampleId :  
MW-17-20230727

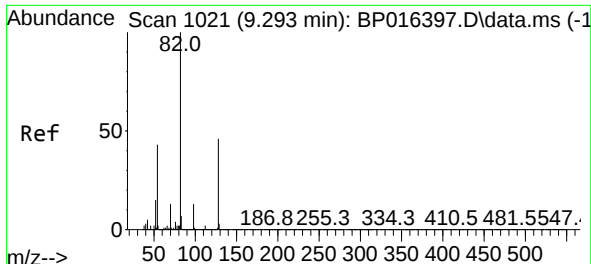
Tgt Ion: 99 Resp: 1200892  
Ion Ratio Lower Upper  
99 100  
42 15.5 11.6 17.4  
71 31.5 24.3 36.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.910 min Scan# 1296  
Delta R.T. -0.018 min  
Lab File: BP016473.D  
Acq: 02 Aug 2023 17:37

Tgt Ion:136 Resp: 1762888  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 7.1 5.6 8.4  
68 6.5 4.6 6.8

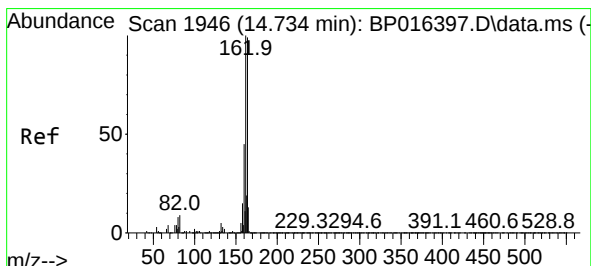
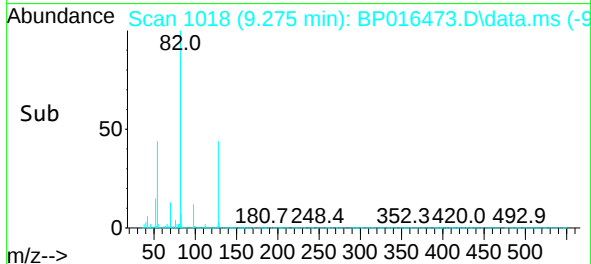
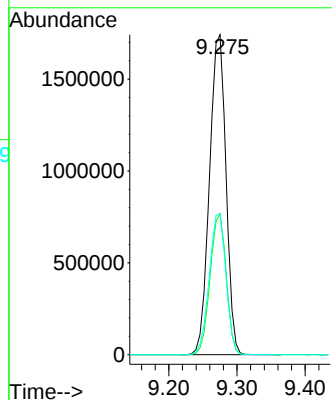
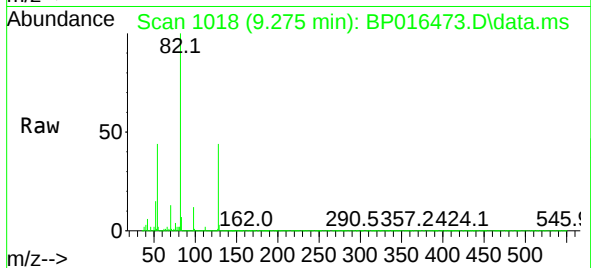




#23  
Nitrobenzene-d5  
Concen: 93.114 ng  
RT: 9.275 min Scan# 1018  
Delta R.T. -0.018 min  
Lab File: BP016473.D  
Acq: 02 Aug 2023 17:37

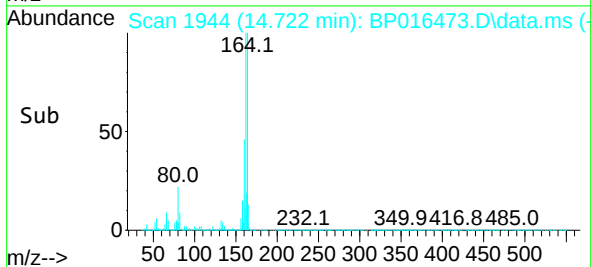
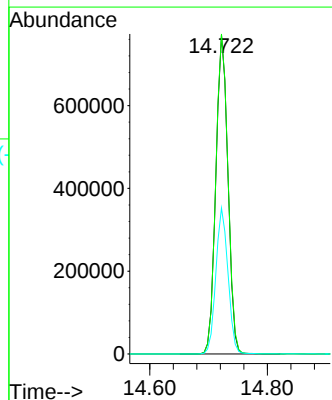
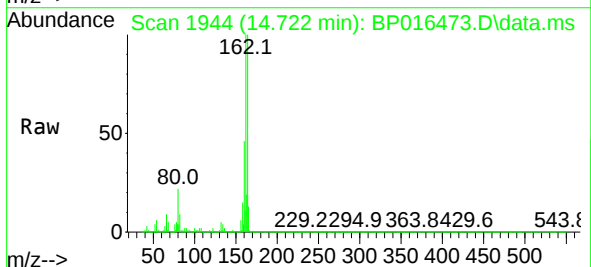
Instrument :  
BNA\_P  
ClientSampleId :  
MW-17-20230727

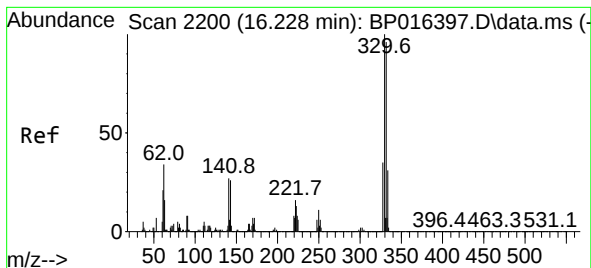
Tgt Ion: 82 Resp: 2932363  
Ion Ratio Lower Upper  
82 100  
128 44.1 36.6 55.0  
54 43.9 34.5 51.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.722 min Scan# 1944  
Delta R.T. -0.012 min  
Lab File: BP016473.D  
Acq: 02 Aug 2023 17:37

Tgt Ion: 164 Resp: 1100486  
Ion Ratio Lower Upper  
164 100  
162 100.3 81.0 121.6  
160 45.7 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 114.311 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016473.D

Acq: 02 Aug 2023 17:37

Instrument :

BNA\_P

ClientSampleId :

MW-17-20230727

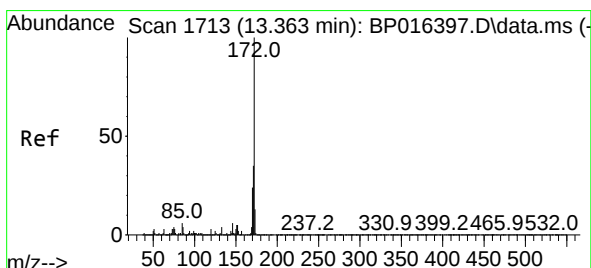
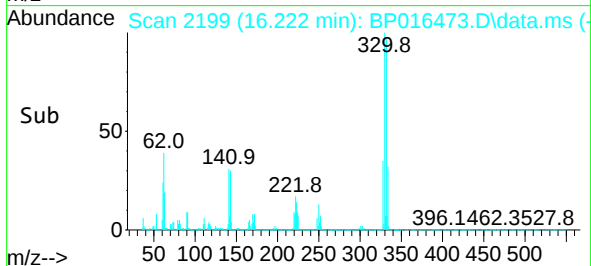
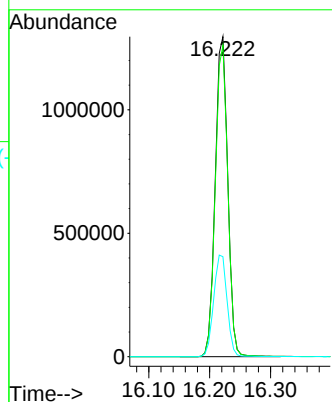
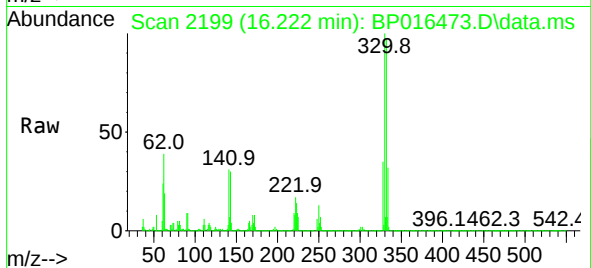
Tgt Ion:330 Resp: 1850663

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.8

141 34.1 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 86.384 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016473.D

Acq: 02 Aug 2023 17:37

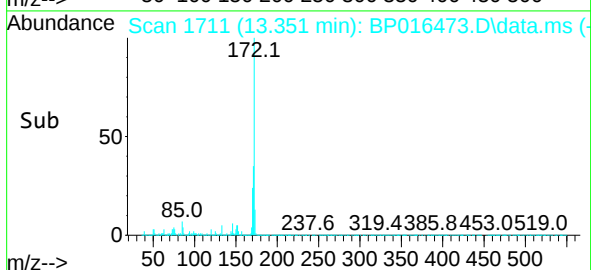
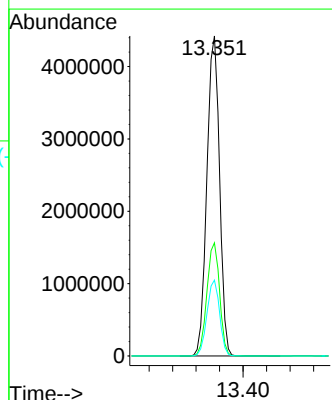
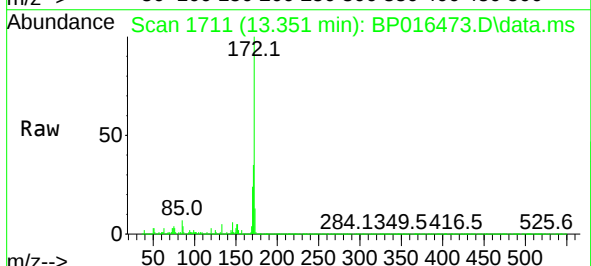
Tgt Ion:172 Resp: 6630826

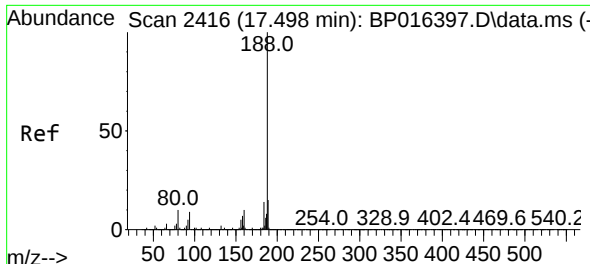
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.7 19.1 28.7

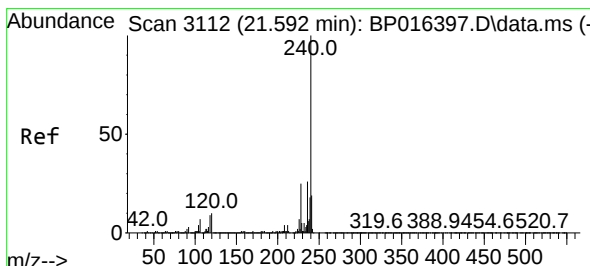
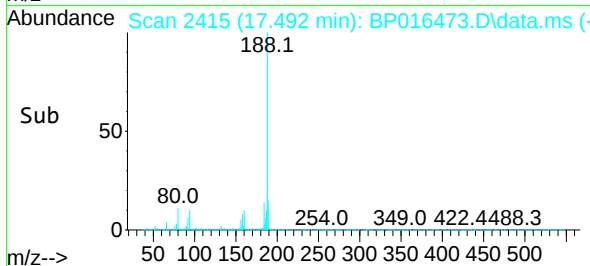
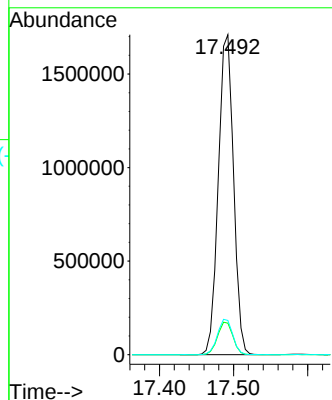
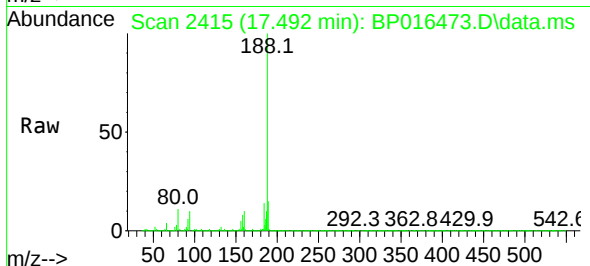




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.492 min Scan# 2415  
Delta R.T. -0.006 min  
Lab File: BP016473.D  
Acq: 02 Aug 2023 17:37

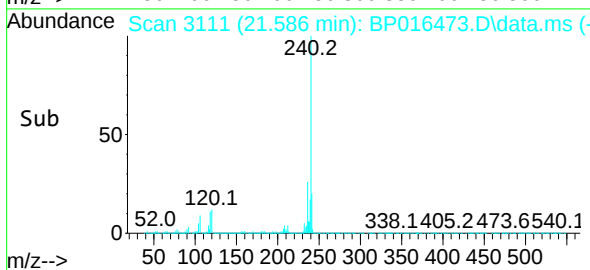
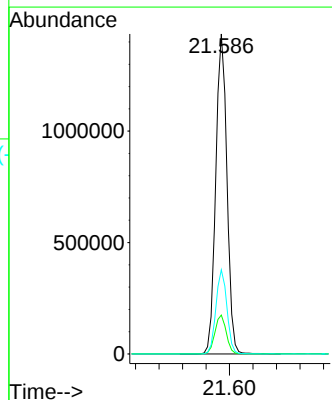
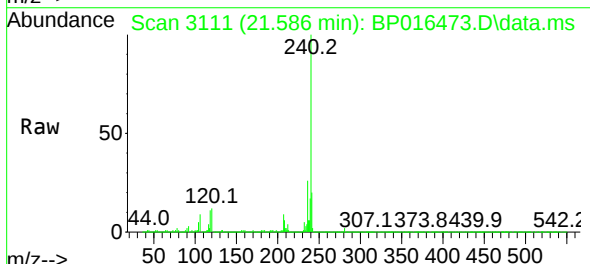
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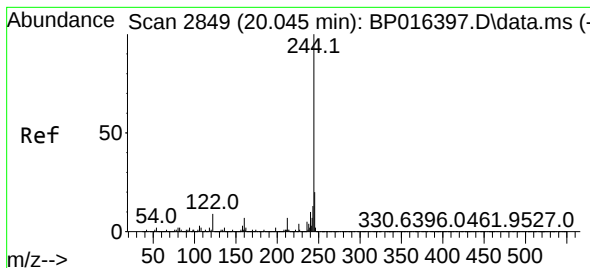
Tgt Ion:188 Resp: 2434576  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.4 11.0  
80 10.7 7.8 11.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.586 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BP016473.D  
Acq: 02 Aug 2023 17:37

Tgt Ion:240 Resp: 1894858  
Ion Ratio Lower Upper  
240 100  
120 12.2 7.9 11.9#  
236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 98.175 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016473.D

Acq: 02 Aug 2023 17:37

Instrument :

BNA\_P

ClientSampleId :

MW-17-20230727

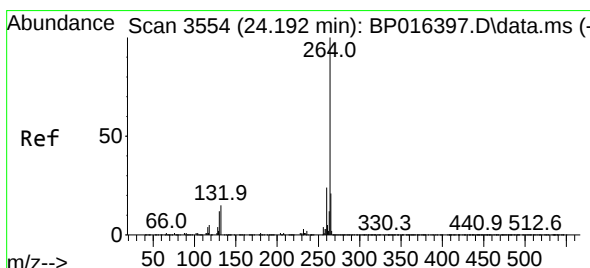
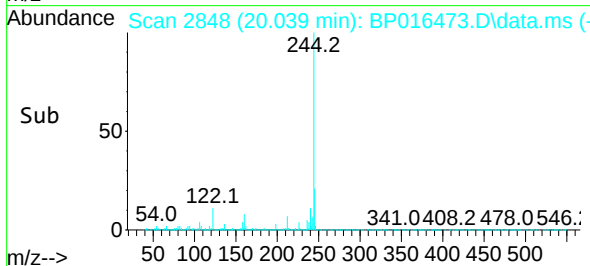
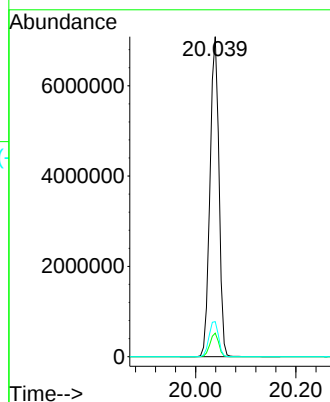
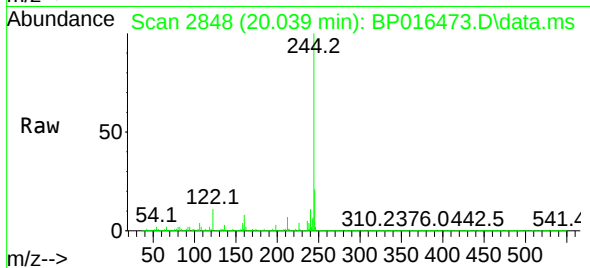
Tgt Ion:244 Resp: 8806415

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 11.0 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3552

Delta R.T. -0.012 min

Lab File: BP016473.D

Acq: 02 Aug 2023 17:37

Tgt Ion:264 Resp: 1805314

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.9 17.4 26.0

