

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080223\  
 Data File : BP016465.D  
 Acq On : 02 Aug 2023 12:59  
 Operator : MA/JU  
 Sample : PB154596BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB154596BL

Quant Time: Aug 02 21:42:30 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  | 468413   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.904 | 136  | 1873049  | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.722 | 164  | 1207115  | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.492 | 188  | 2830907  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.586 | 240  | 2683906  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.180 | 264  | 2342756  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.587  | 112  | 3829145  | 133.364 | ng    | -0.02    |
| 7) Phenol-d6                | 7.216  | 99   | 4898503  | 124.470 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.269  | 82   | 2832613  | 84.656  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.222 | 330  | 2501463  | 140.861 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.345 | 172  | 6967712  | 82.754  | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.039 | 244  | 11947332 | 94.034  | ng    | 0.00     |

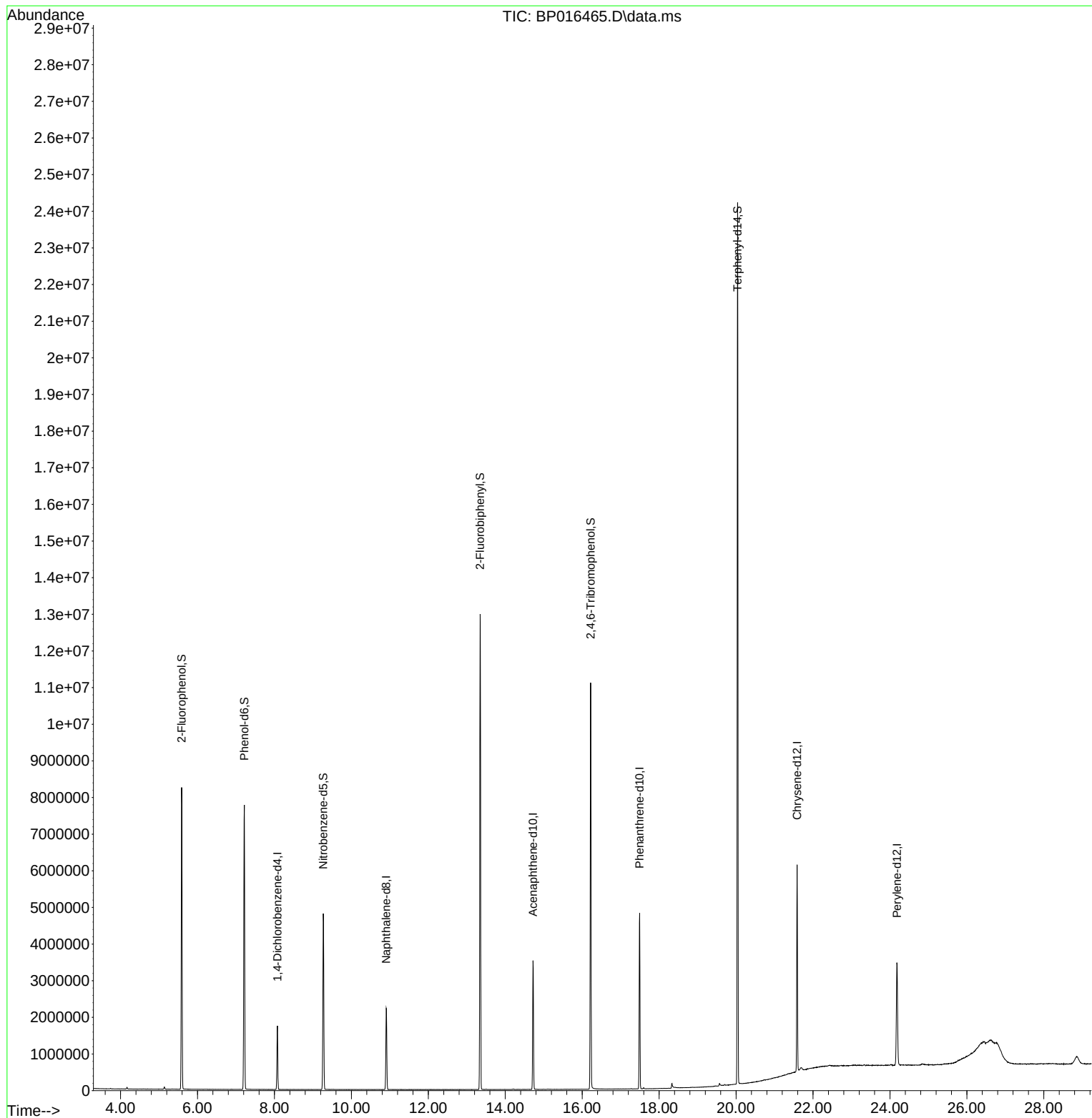
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

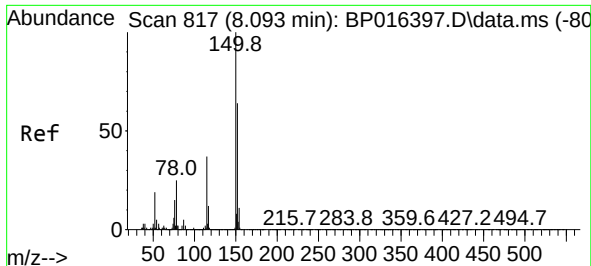
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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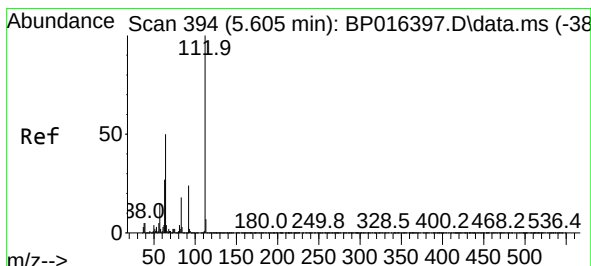
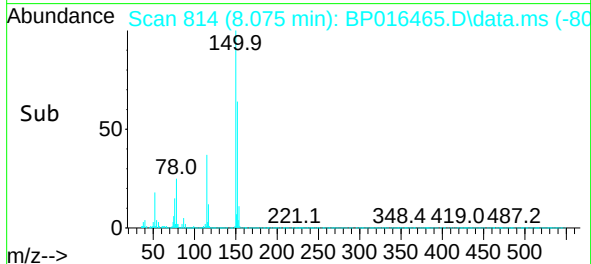
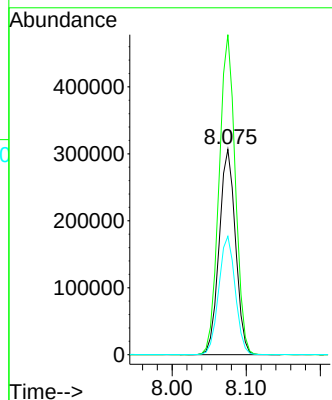
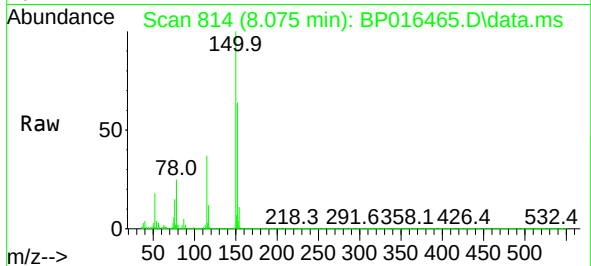




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.075 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP016465.D  
Acq: 02 Aug 2023 12:59

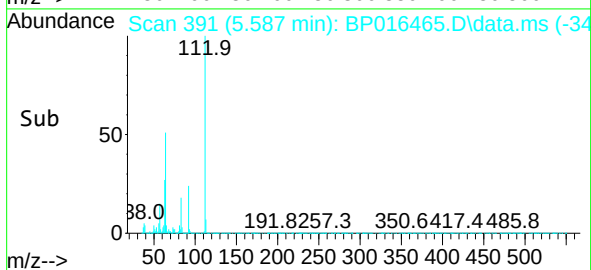
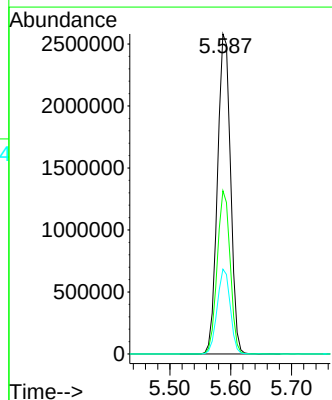
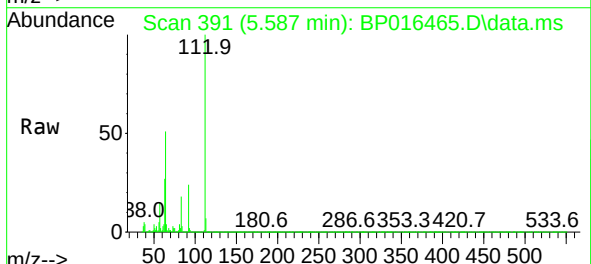
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BL

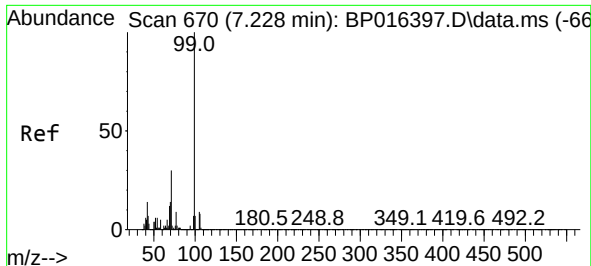
Tgt Ion:152 Resp: 468413  
Ion Ratio Lower Upper  
152 100  
150 155.9 124.9 187.3  
115 57.6 46.8 70.2



#5  
2-Fluorophenol  
Concen: 133.364 ng  
RT: 5.587 min Scan# 391  
Delta R.T. -0.018 min  
Lab File: BP016465.D  
Acq: 02 Aug 2023 12:59

Tgt Ion:112 Resp: 3829145  
Ion Ratio Lower Upper  
112 100  
64 51.0 40.0 60.0  
63 26.5 21.2 31.8

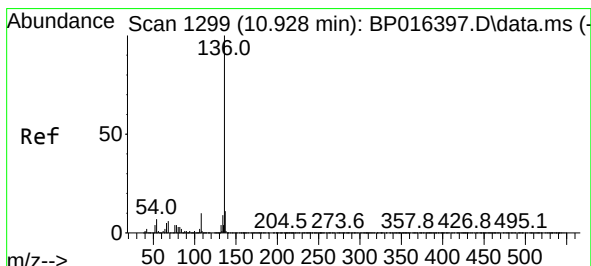
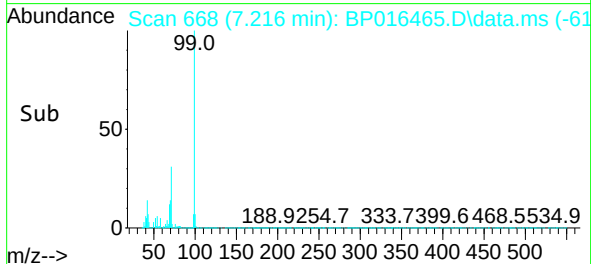
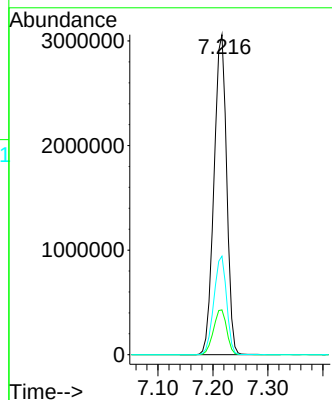
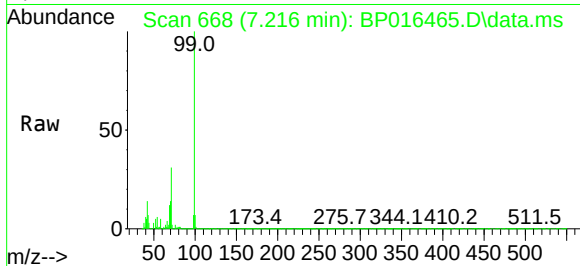




#7  
Phenol-d6  
Concen: 124.470 ng  
RT: 7.216 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP016465.D  
Acq: 02 Aug 2023 12:59

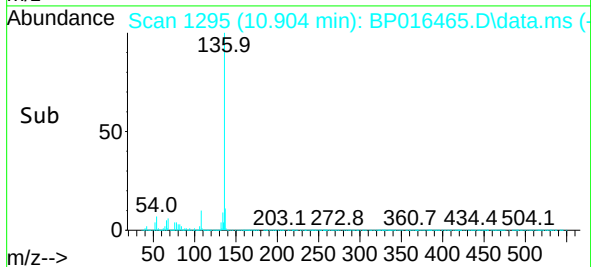
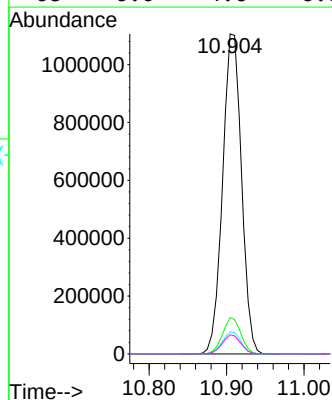
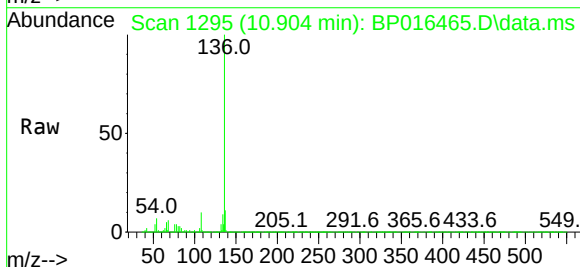
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BL

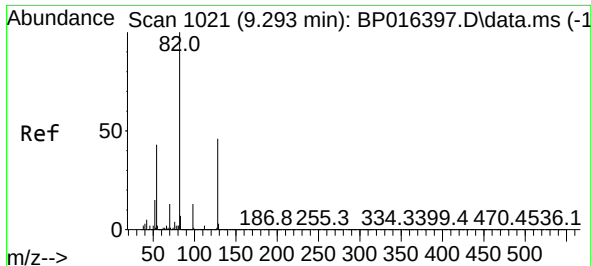
Tgt Ion: 99 Resp: 4898503  
Ion Ratio Lower Upper  
99 100  
42 14.0 11.6 17.4  
71 30.8 24.3 36.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.904 min Scan# 1295  
Delta R.T. -0.024 min  
Lab File: BP016465.D  
Acq: 02 Aug 2023 12:59

Tgt Ion: 136 Resp: 1873049  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 13.0  
54 6.9 5.6 8.4  
68 6.0 4.6 6.8

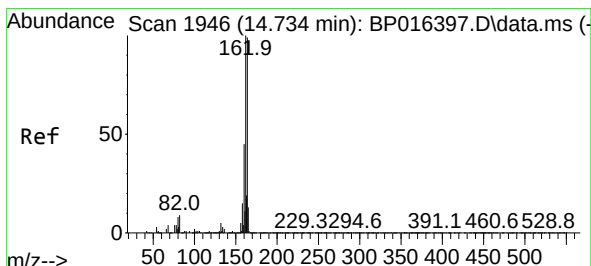
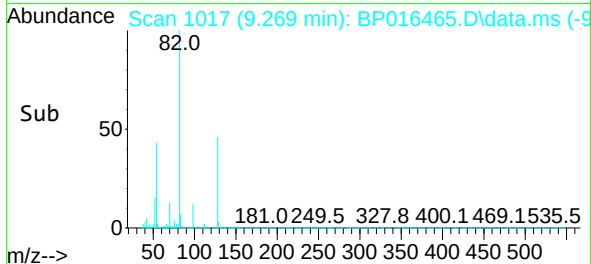
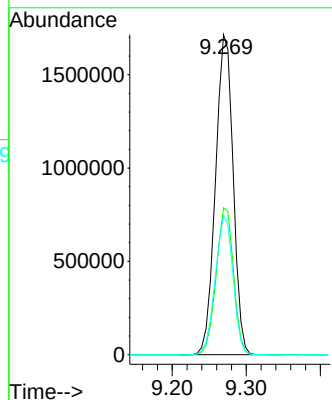
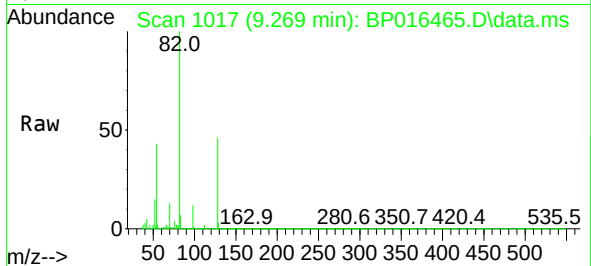




#23  
Nitrobenzene-d5  
Concen: 84.656 ng  
RT: 9.269 min Scan# 1021  
Delta R.T. -0.024 min  
Lab File: BP016465.D  
Acq: 02 Aug 2023 12:59

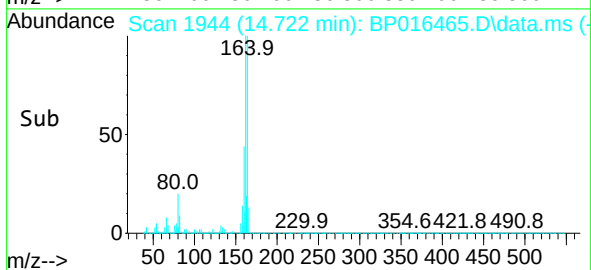
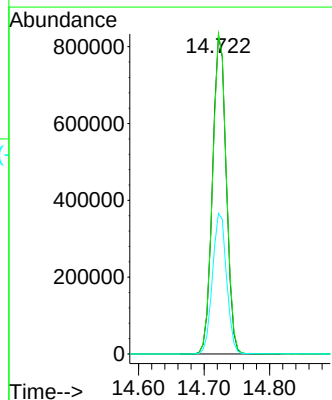
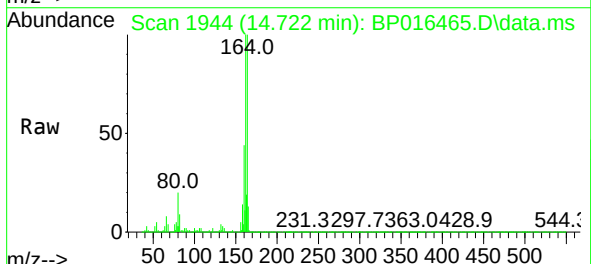
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BL

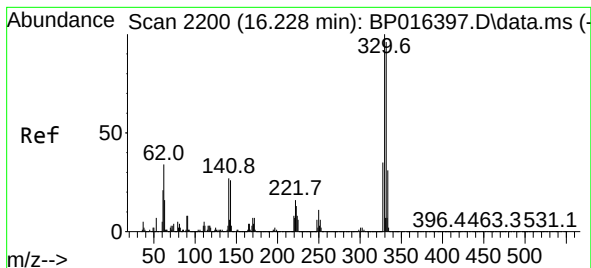
Tgt Ion: 82 Resp: 2832613  
Ion Ratio Lower Upper  
82 100  
128 45.9 36.6 55.0  
54 43.4 34.5 51.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.722 min Scan# 1944  
Delta R.T. -0.012 min  
Lab File: BP016465.D  
Acq: 02 Aug 2023 12:59

Tgt Ion:164 Resp: 1207115  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.0 121.6  
160 44.1 36.6 55.0

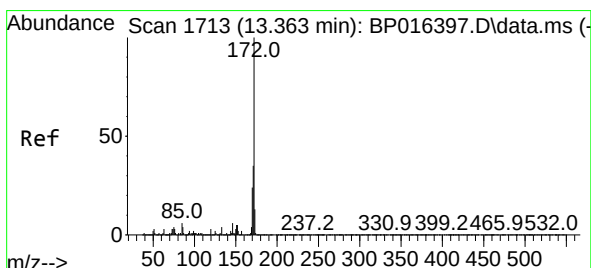
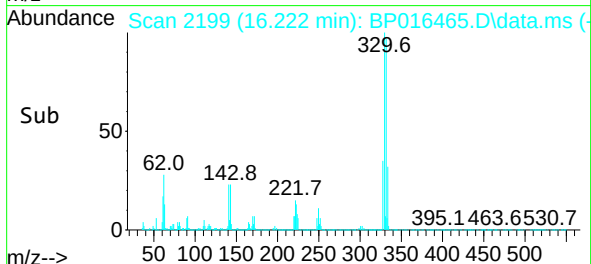
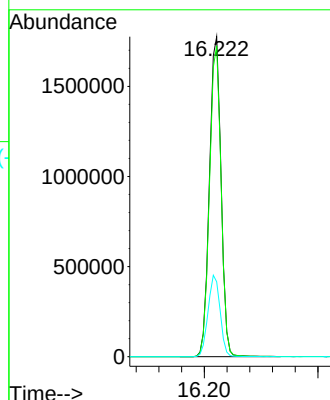
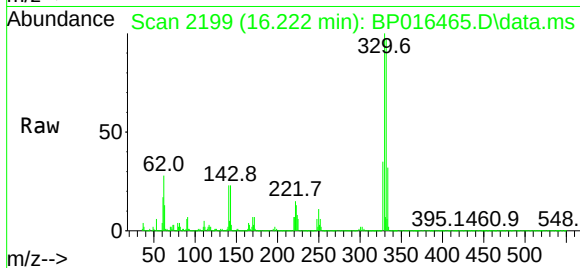




#42  
2,4,6-Tribromophenol  
Concen: 140.861 ng  
RT: 16.222 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP016465.D  
Acq: 02 Aug 2023 12:59

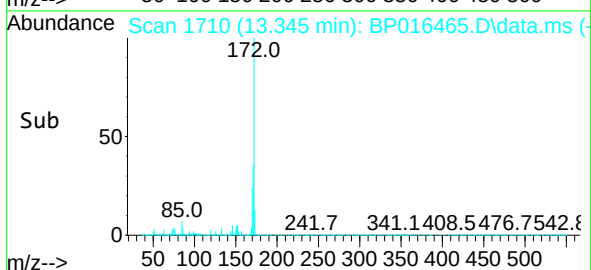
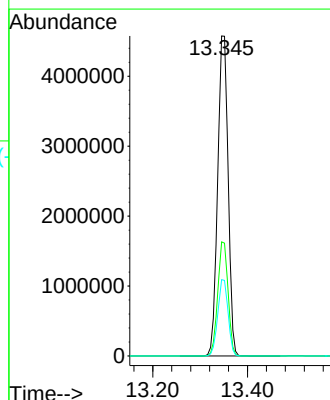
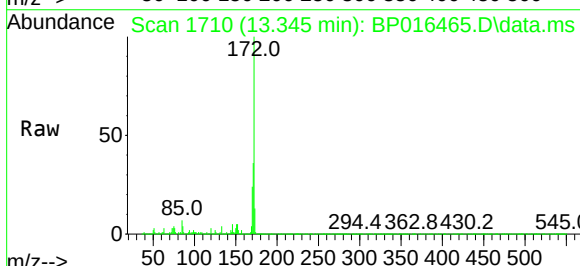
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BL

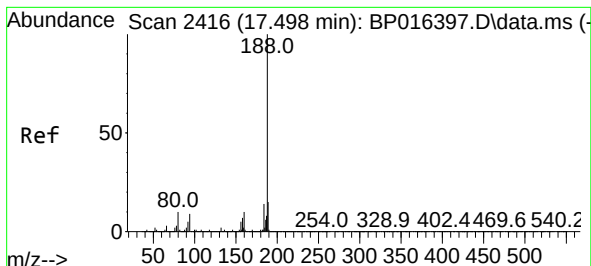
Tgt Ion: 330 Resp: 2501463  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.8  
141 26.5 22.6 34.0



#45  
2-Fluorobiphenyl  
Concen: 82.754 ng  
RT: 13.345 min Scan# 1710  
Delta R.T. -0.018 min  
Lab File: BP016465.D  
Acq: 02 Aug 2023 12:59

Tgt Ion: 172 Resp: 6967712  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.492 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP016465.D

Acq: 02 Aug 2023 12:59

Instrument :

BNA\_P

ClientSampleId :

PB154596BL

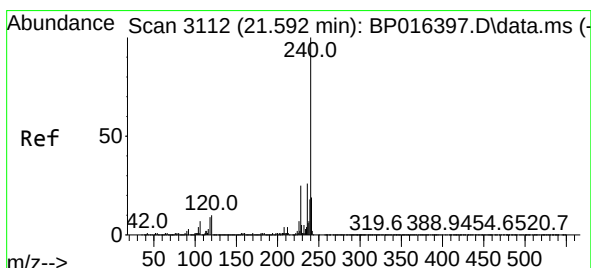
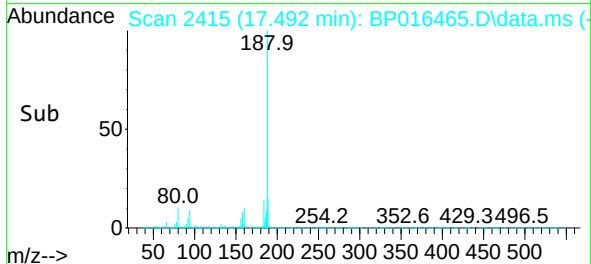
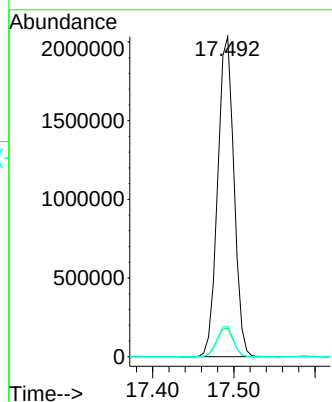
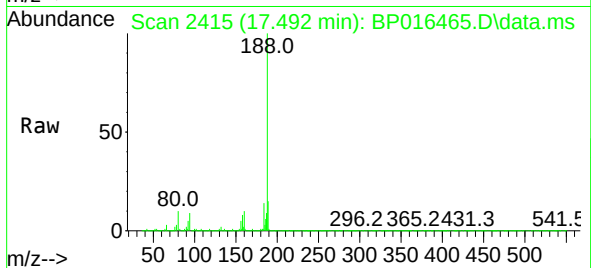
Tgt Ion:188 Resp: 2830907

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.0

80 9.6 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: BP016465.D

Acq: 02 Aug 2023 12:59

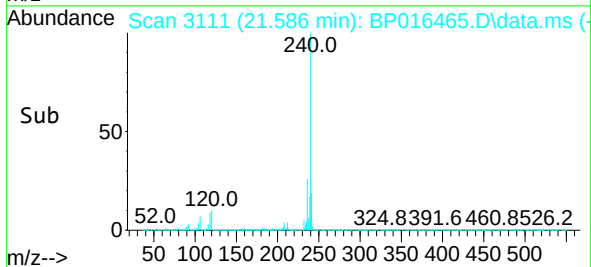
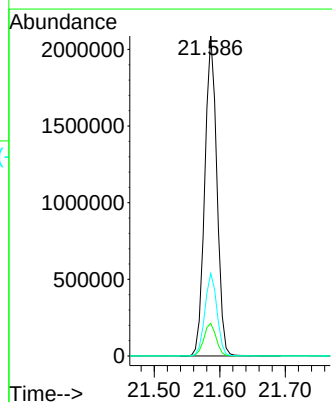
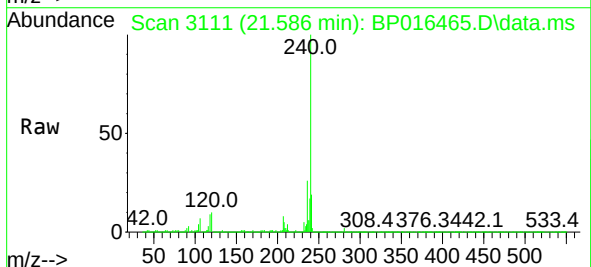
Tgt Ion:240 Resp: 2683906

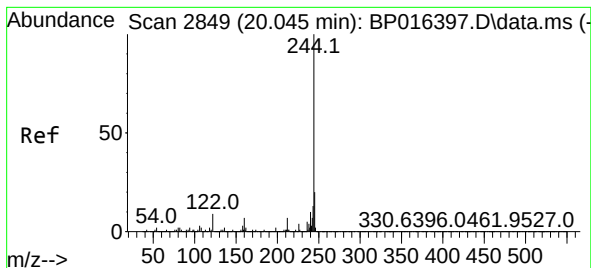
Ion Ratio Lower Upper

240 100

120 10.2 7.9 11.9

236 25.8 21.1 31.7





#79

Terphenyl-d14

Concen: 94.034 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016465.D

Acq: 02 Aug 2023 12:59

Instrument :

BNA\_P

ClientSampleId :

PB154596BL

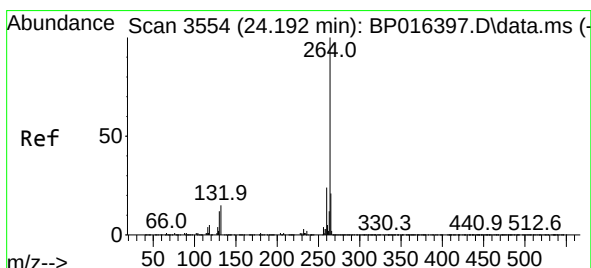
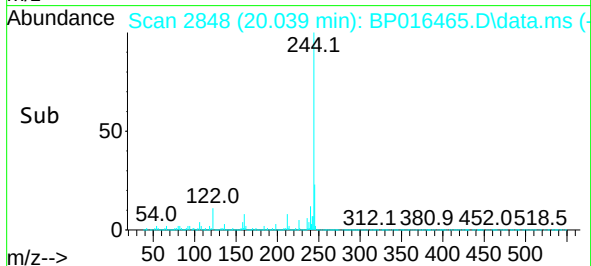
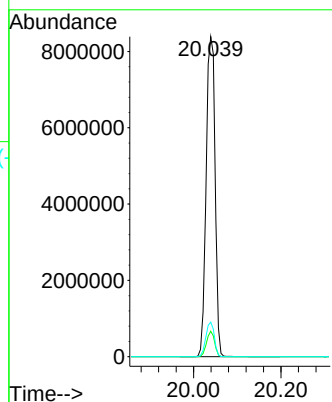
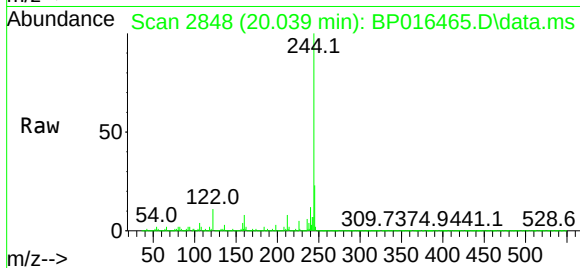
Tgt Ion:244 Resp:11947332

Ion Ratio Lower Upper

244 100

212 7.9 5.6 8.4

122 10.8 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: BP016465.D

Acq: 02 Aug 2023 12:59

Tgt Ion:264 Resp: 2342756

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.4 17.4 26.0

