

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012323\  
 Data File : BP013554.D  
 Acq On : 23 Jan 2023 19:14  
 Operator : CG/JU  
 Sample : PB150389BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150389BL

Quant Time: Jan 24 05:48:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 24 04:44:15 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.163  | 152  | 323697   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.993 | 136  | 1336319  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.798 | 164  | 748722   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.551 | 188  | 1442526  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.627 | 240  | 993314   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 24.216 | 264  | 957459   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.693  | 112  | 2972704  | 157.348 | ng    | 0.00     |
| 7) Phenol-d6                | 7.305  | 99   | 3729880  | 146.690 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.334  | 82   | 2032950  | 100.432 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.287 | 330  | 1112267  | 148.105 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.428 | 172  | 4961324  | 90.957  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.080 | 244  | 5766501  | 104.438 | ng    | 0.00     |

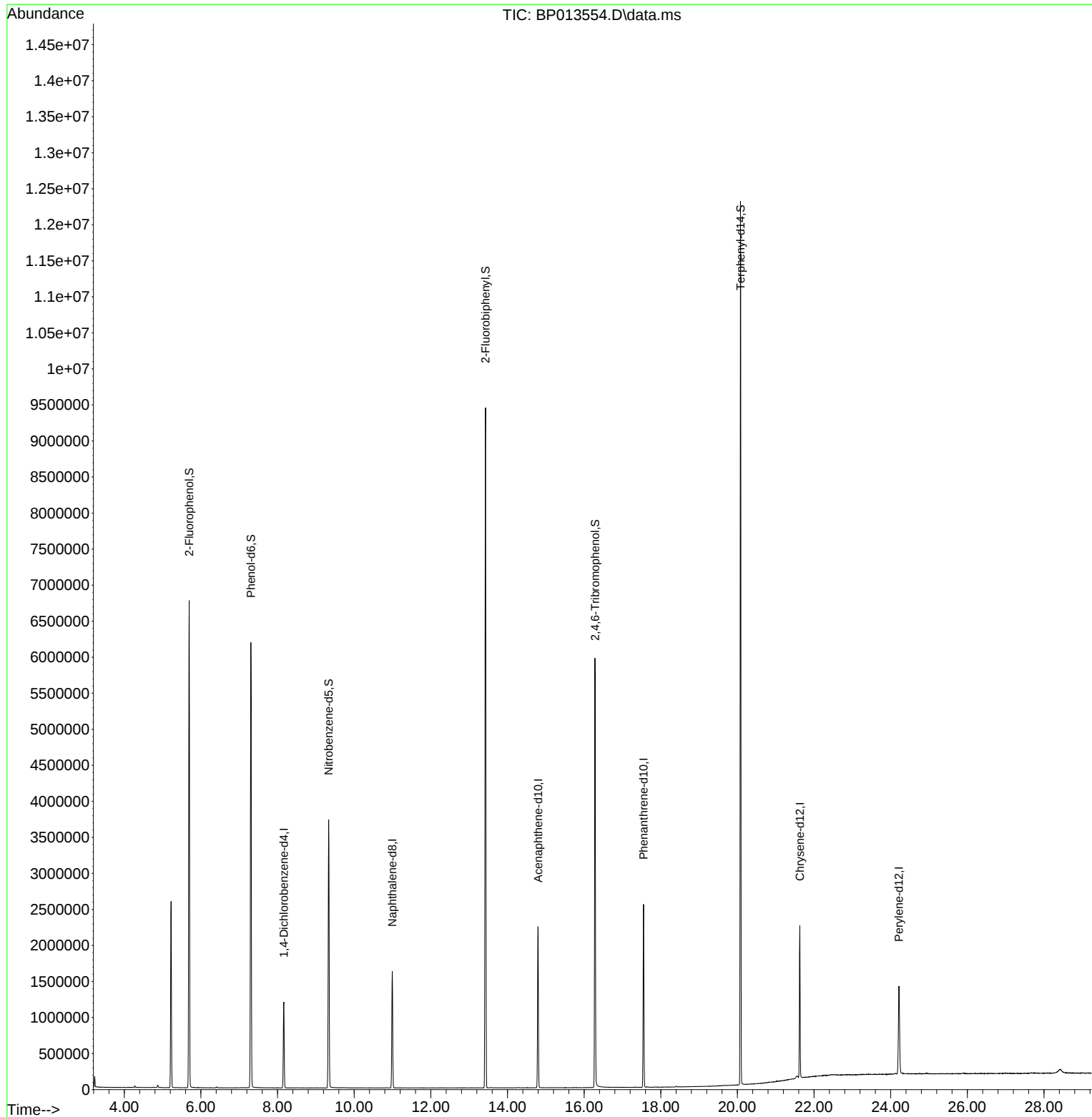
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

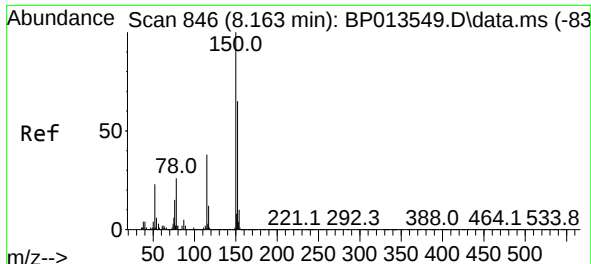
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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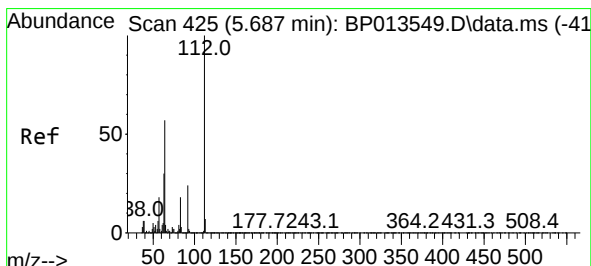
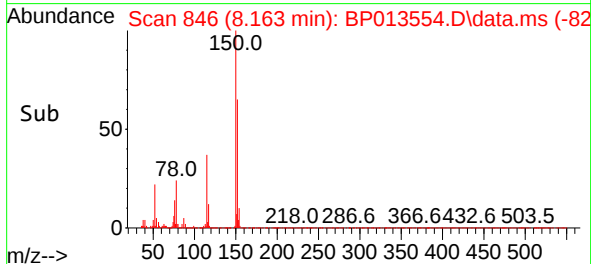
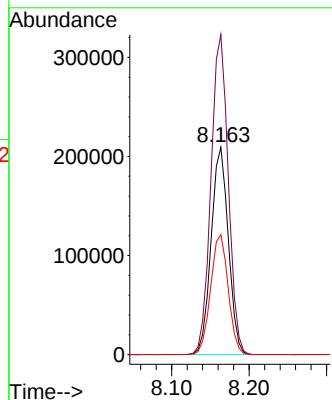
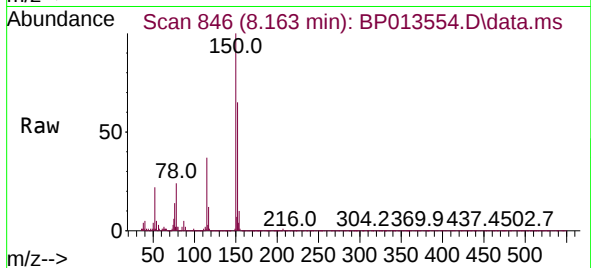




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.163 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BP013554.D  
Acq: 23 Jan 2023 19:14

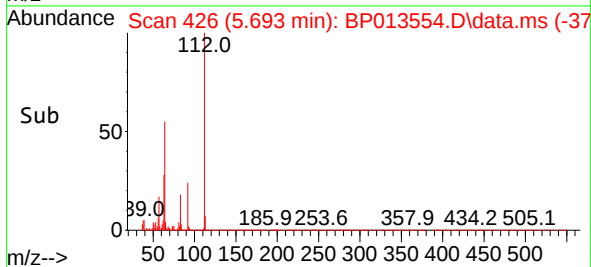
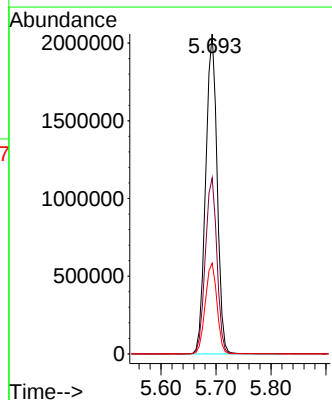
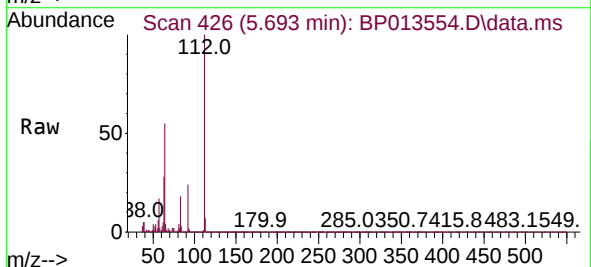
Instrument :  
BNA\_P  
ClientSampleId :  
PB150389BL

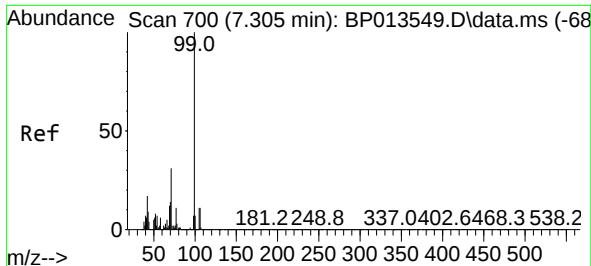
Tgt Ion:152 Resp: 323697  
Ion Ratio Lower Upper  
152 100  
150 154.3 122.4 183.6  
115 57.8 46.1 69.1



#5  
2-Fluorophenol  
Concen: 157.348 ng  
RT: 5.693 min Scan# 426  
Delta R.T. 0.006 min  
Lab File: BP013554.D  
Acq: 23 Jan 2023 19:14

Tgt Ion:112 Resp: 2972704  
Ion Ratio Lower Upper  
112 100  
64 55.0 45.4 68.0  
63 28.3 24.1 36.1

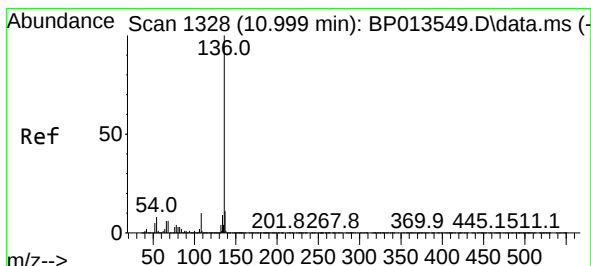
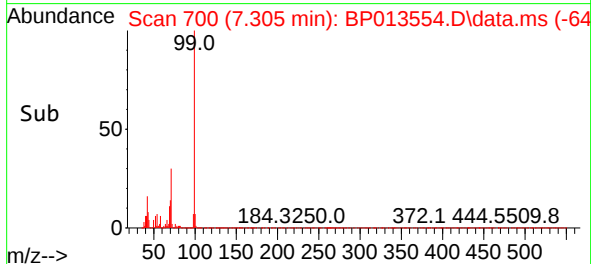
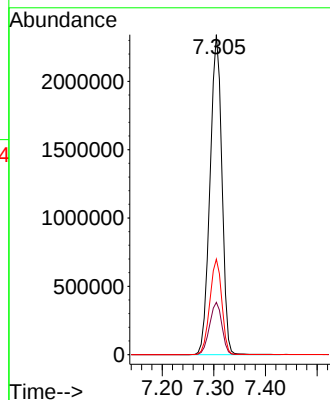
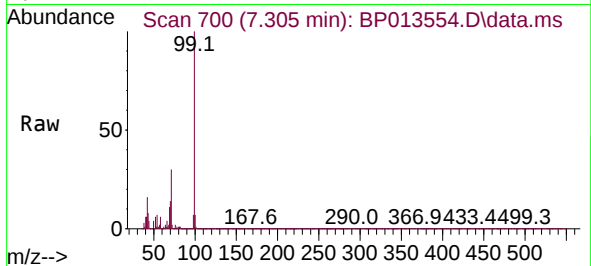




#7  
Phenol-d6  
Concen: 146.690 ng  
RT: 7.305 min Scan# 700  
Delta R.T. 0.000 min  
Lab File: BP013554.D  
Acq: 23 Jan 2023 19:14

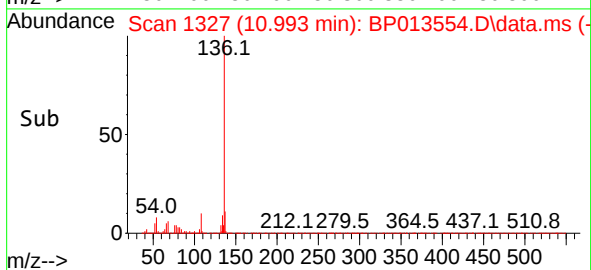
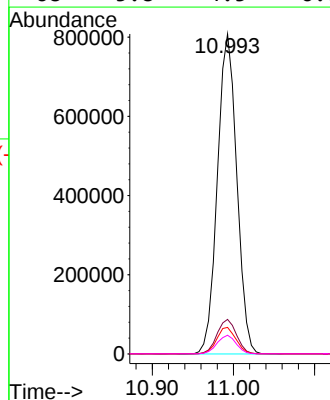
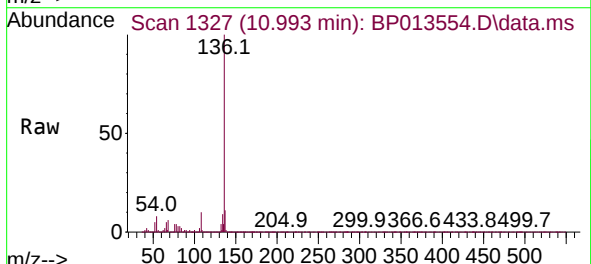
Instrument :  
BNA\_P  
ClientSampleId :  
PB150389BL

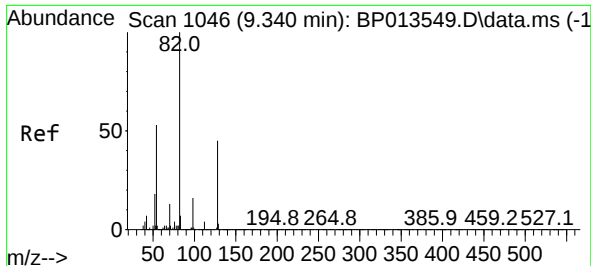
Tgt Ion: 99 Resp: 3729880  
Ion Ratio Lower Upper  
99 100  
42 16.3 14.0 21.0  
71 29.8 24.7 37.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.993 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BP013554.D  
Acq: 23 Jan 2023 19:14

Tgt Ion:136 Resp: 1336319  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.4  
54 8.3 6.6 9.8  
68 5.8 4.5 6.7

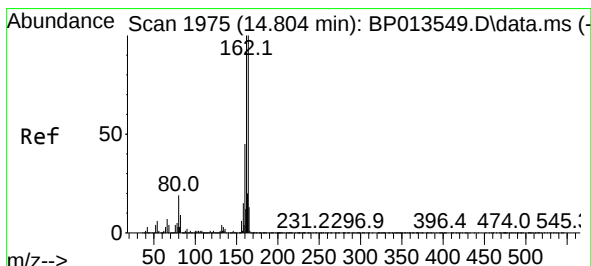
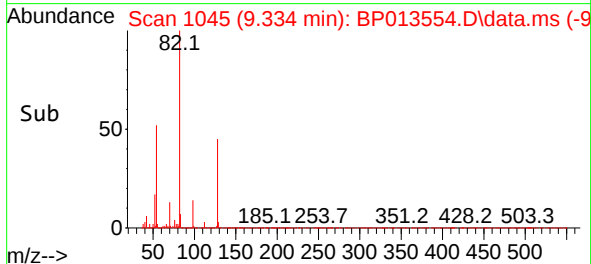
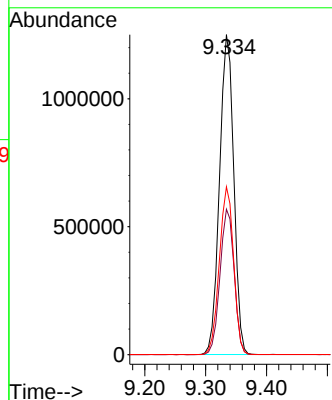
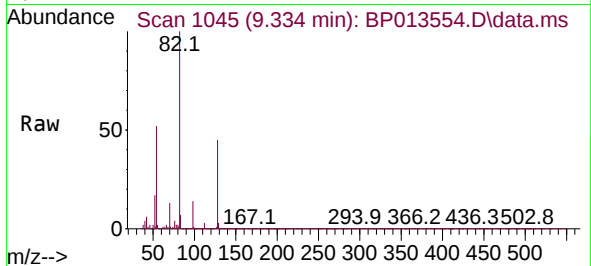




#23  
Nitrobenzene-d5  
Concen: 100.432 ng  
RT: 9.334 min Scan# 1045  
Delta R.T. -0.006 min  
Lab File: BP013554.D  
Acq: 23 Jan 2023 19:14

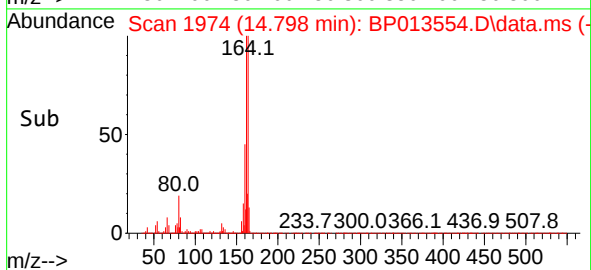
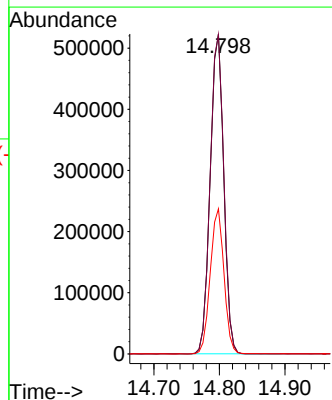
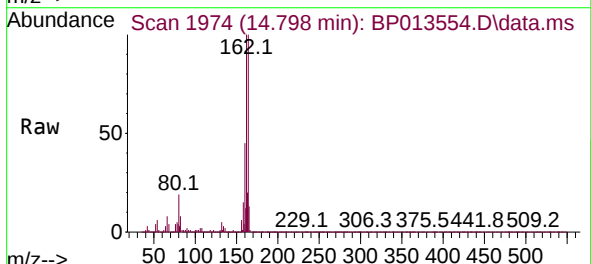
Instrument :  
BNA\_P  
ClientSampleId :  
PB150389BL

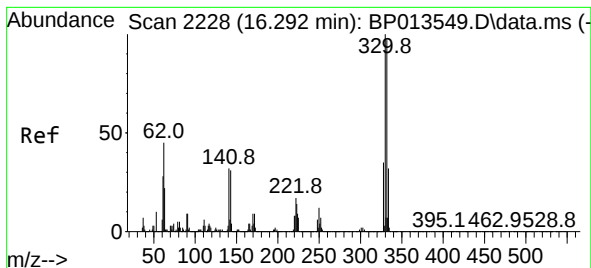
Tgt Ion: 82 Resp: 2032950  
Ion Ratio Lower Upper  
82 100  
128 45.4 35.8 53.6  
54 52.5 42.6 64.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.798 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BP013554.D  
Acq: 23 Jan 2023 19:14

Tgt Ion: 164 Resp: 748722  
Ion Ratio Lower Upper  
164 100  
162 99.8 80.1 120.1  
160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 148.105 ng

RT: 16.287 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

Instrument :

BNA\_P

ClientSampleId :

PB150389BL

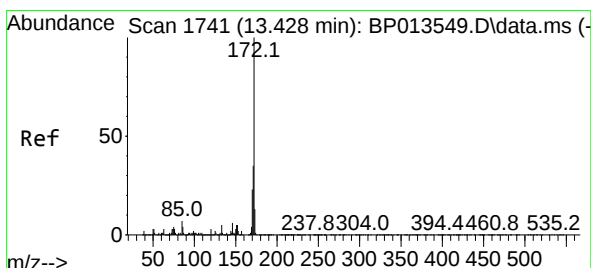
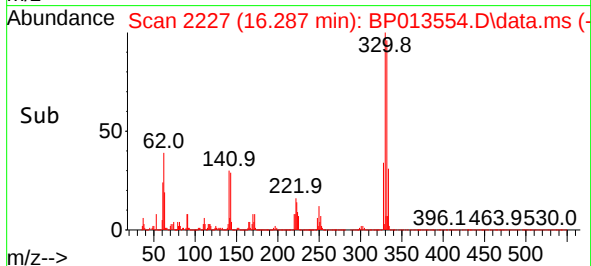
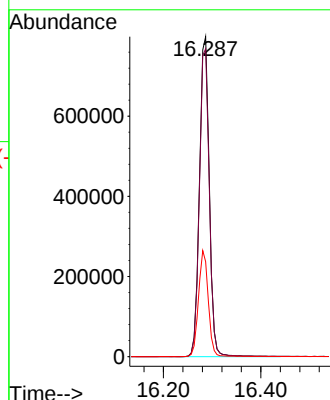
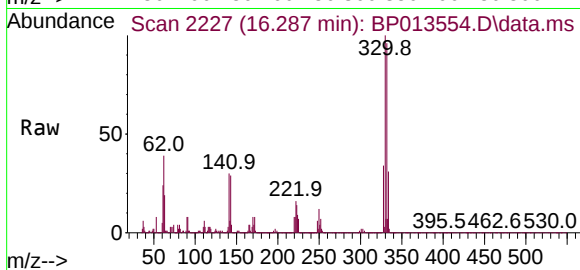
Tgt Ion:330 Resp: 1112267

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 33.0 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 90.957 ng

RT: 13.428 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

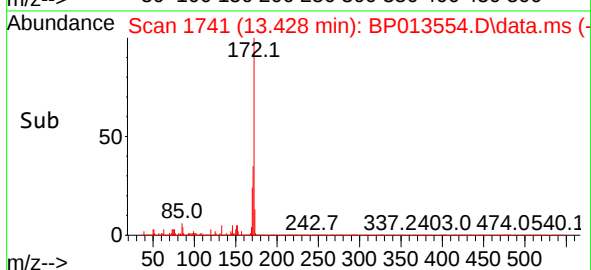
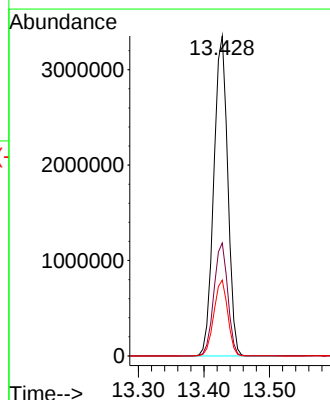
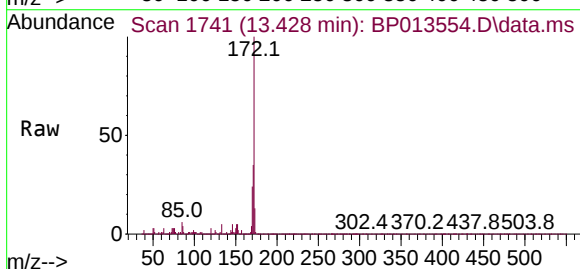
Tgt Ion:172 Resp: 4961324

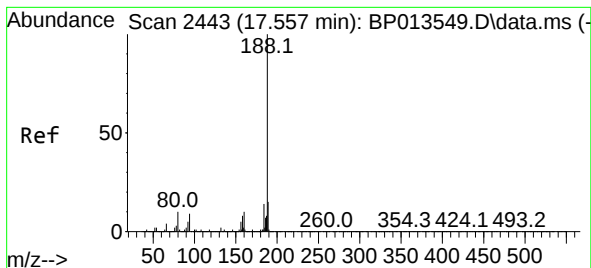
Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.8

170 23.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.551 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

Instrument :

BNA\_P

ClientSampleId :

PB150389BL

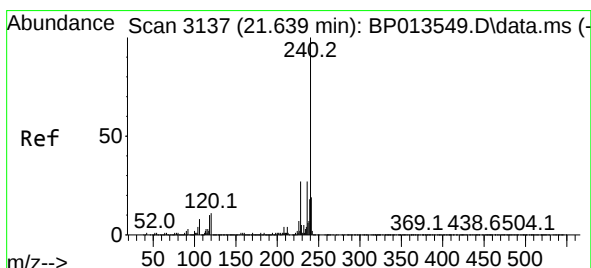
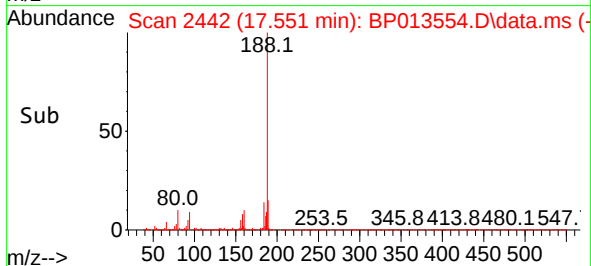
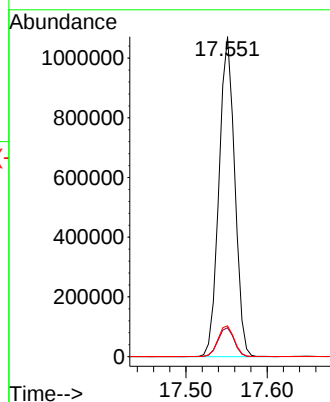
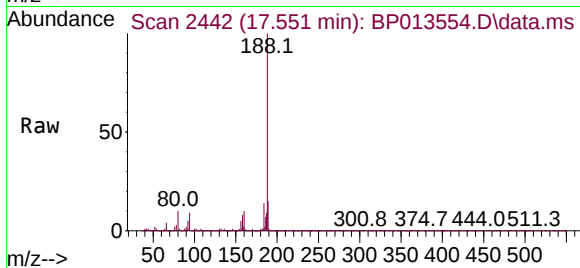
Tgt Ion:188 Resp: 1442526

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.6 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

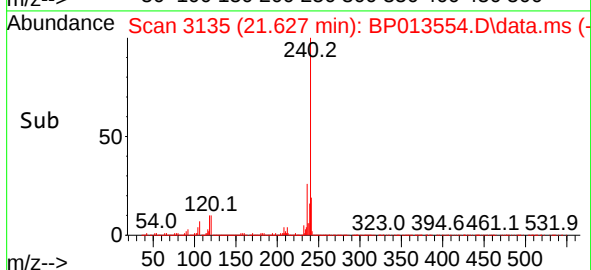
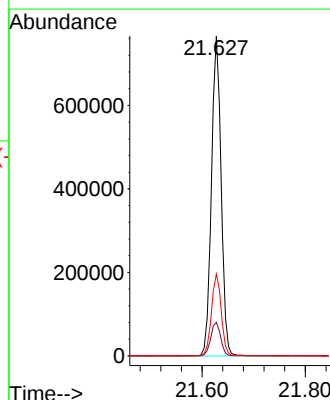
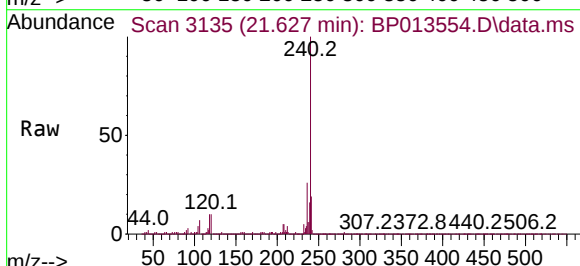
Tgt Ion:240 Resp: 993314

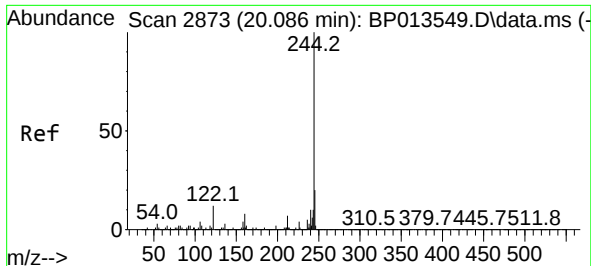
Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 25.6 21.3 31.9

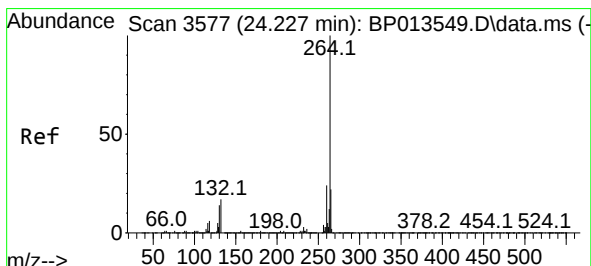
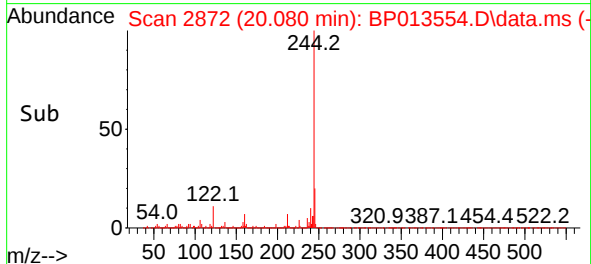
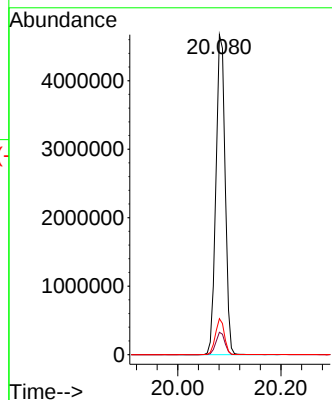
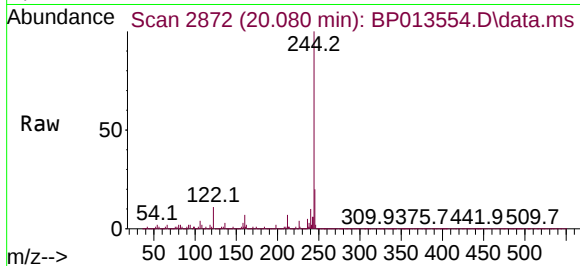




#79  
 Terphenyl-d14  
 Concen: 104.438 ng  
 RT: 20.080 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP013554.D  
 Acq: 23 Jan 2023 19:14

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150389BL

Tgt Ion:244 Resp: 5766501  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.2  
 122 11.2 9.2 13.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.216 min Scan# 3575  
 Delta R.T. -0.012 min  
 Lab File: BP013554.D  
 Acq: 23 Jan 2023 19:14

Tgt Ion:264 Resp: 957459  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.8 28.2  
 265 22.0 17.4 26.2

