

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092722\  
 Data File : BP011817.D  
 Acq On : 27 Sep 2022 16:00  
 Operator : CG/JU  
 Sample : N4837-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 251563-4

Quant Time: Sep 28 02:08:15 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:03:33 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.911  | 152  | 347794   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.722 | 136  | 1495874  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.551 | 164  | 956159   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.310 | 188  | 2072665  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.392 | 240  | 1982576  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.833 | 264  | 2016269  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.470  | 112  | 1002718  | 50.586  | ng    | 0.00     |
| 7) Phenol-d6                | 7.069  | 99   | 721701   | 24.624  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.075  | 82   | 2098538  | 73.428  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.045 | 330  | 1237366  | 192.189 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.181 | 172  | 4848746  | 80.193  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.863 | 244  | 7579717  | 87.907  | ng    | 0.00     |

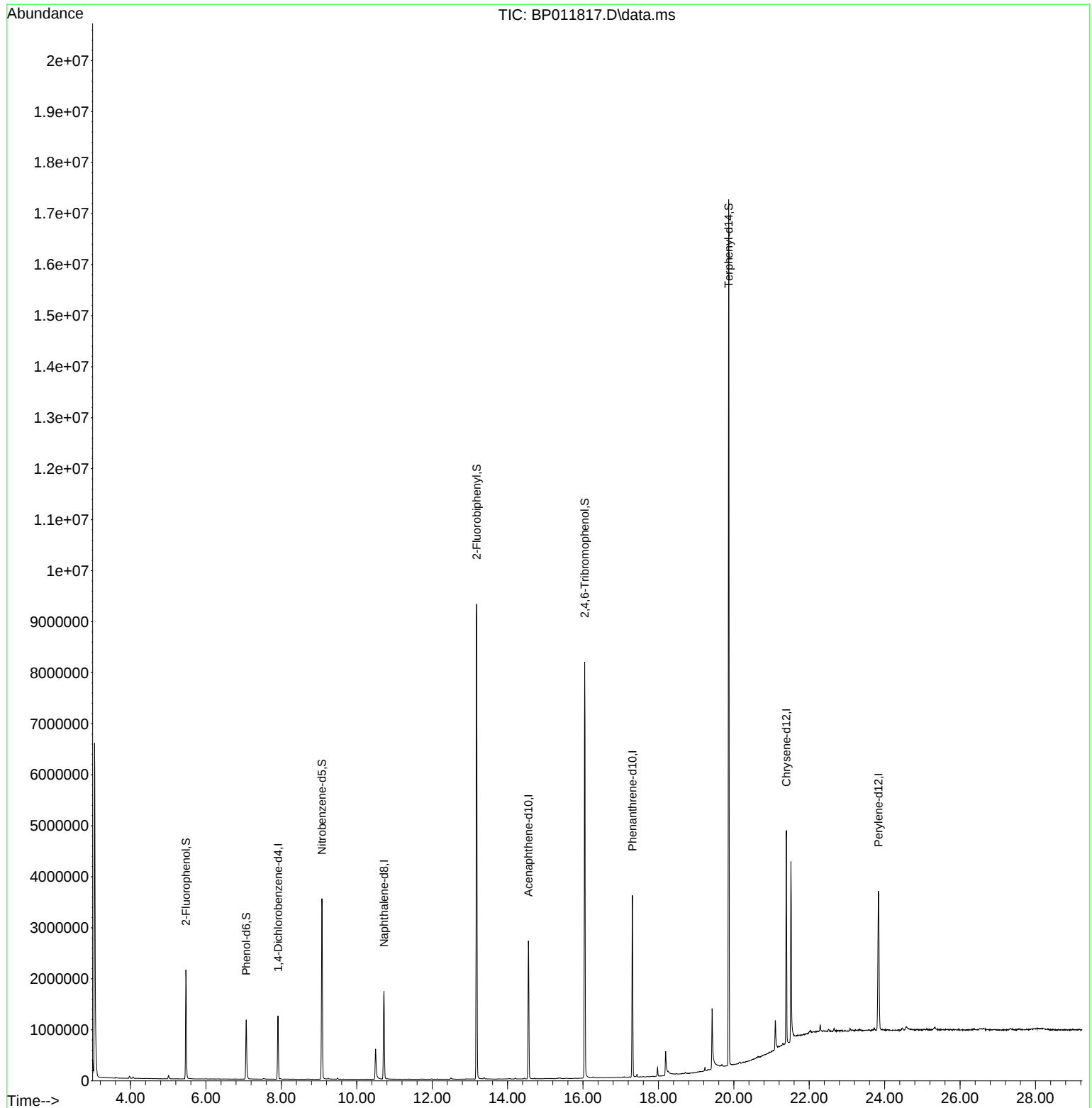
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

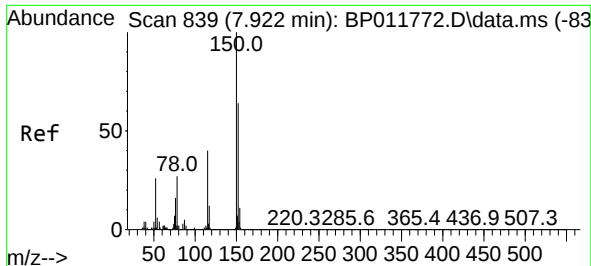
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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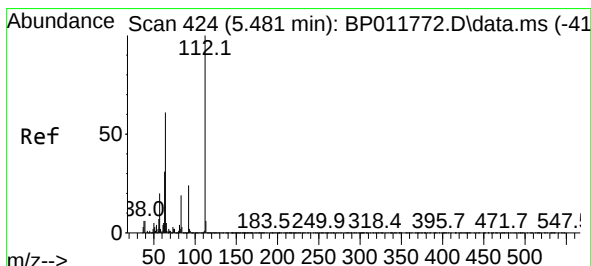
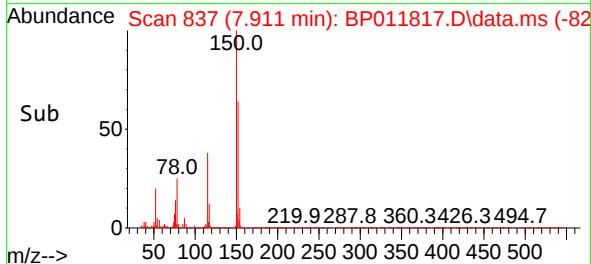
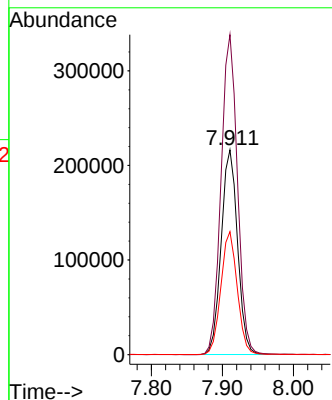
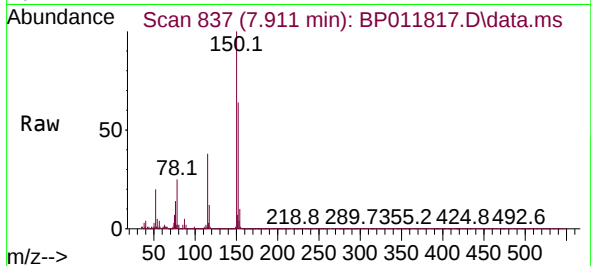




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.911 min Scan# 83  
Delta R.T. 0.001 min  
Lab File: BP011817.D  
Acq: 27 Sep 2022 16:00

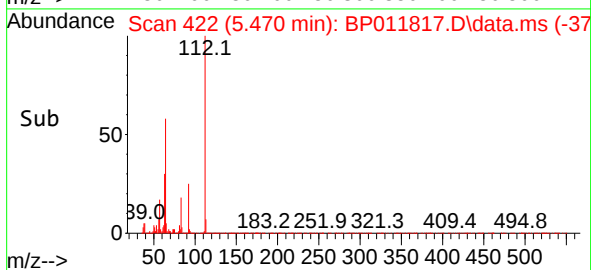
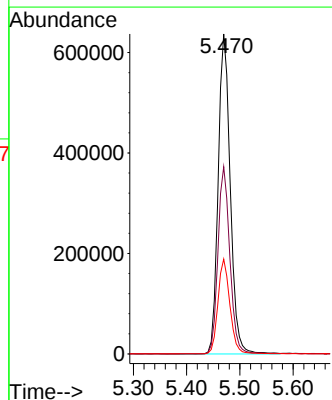
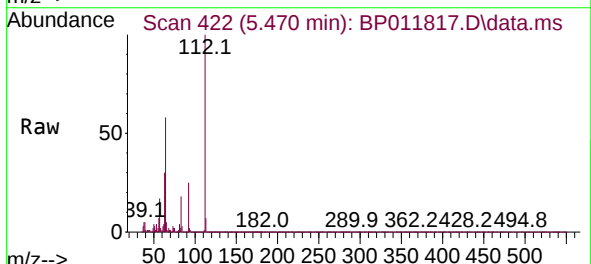
Instrument :  
BNA\_P  
ClientSampleId :  
251563-4

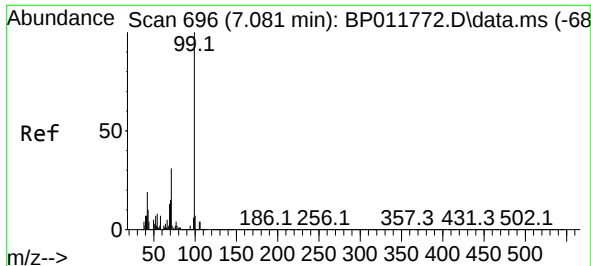
Tgt Ion:152 Resp: 347794  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.2 186.4  
115 60.0 50.0 75.0



#5  
2-Fluorophenol  
Concen: 50.586 ng  
RT: 5.470 min Scan# 422  
Delta R.T. 0.000 min  
Lab File: BP011817.D  
Acq: 27 Sep 2022 16:00

Tgt Ion:112 Resp: 1002718  
Ion Ratio Lower Upper  
112 100  
64 58.5 49.2 73.8  
63 29.6 25.2 37.8

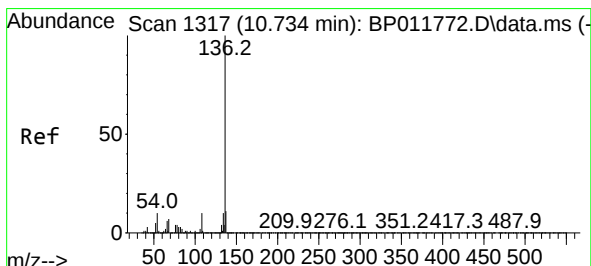
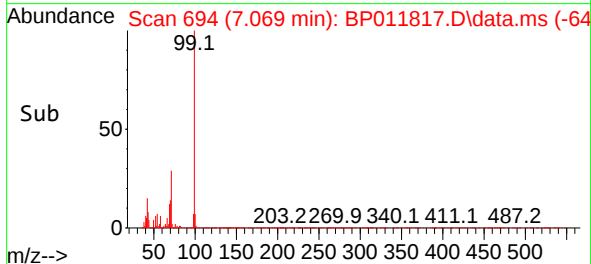
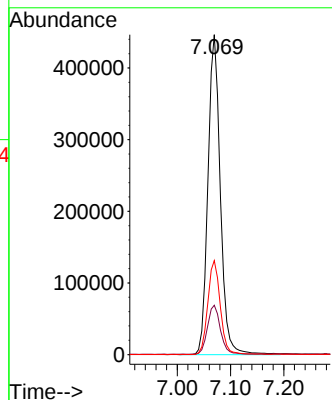
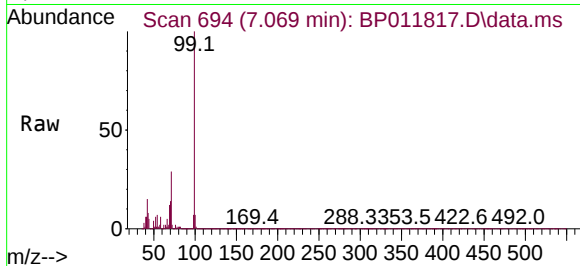




#7  
Phenol-d6  
Concen: 24.624 ng  
RT: 7.069 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: BP011817.D  
Acq: 27 Sep 2022 16:00

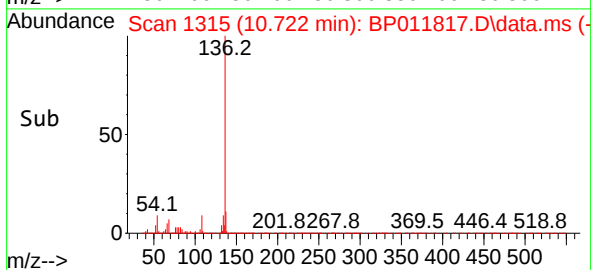
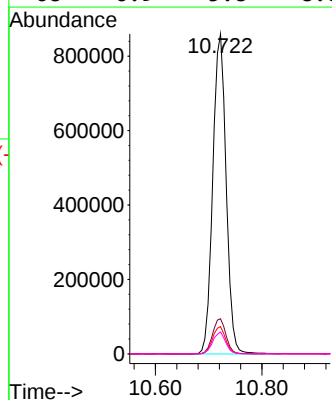
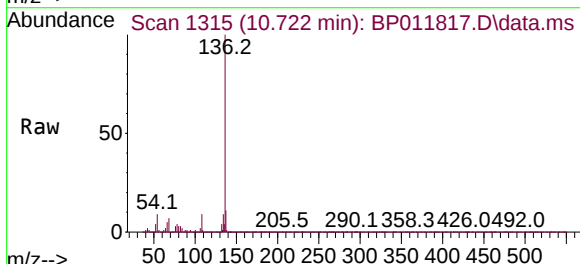
Instrument :  
BNA\_P  
ClientSampleId :  
251563-4

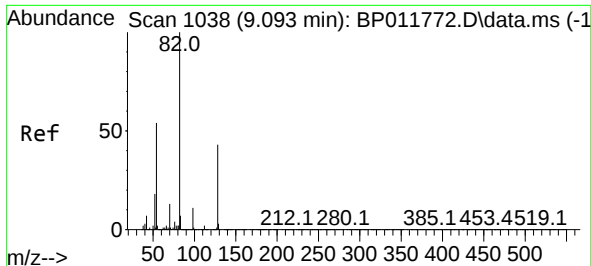
Tgt Ion: 99 Resp: 721701  
Ion Ratio Lower Upper  
99 100  
42 15.4 15.4 23.2#  
71 29.4 24.7 37.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.722 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: BP011817.D  
Acq: 27 Sep 2022 16:00

Tgt Ion:136 Resp: 1495874  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 8.5 8.2 12.4  
68 6.9 5.8 8.8

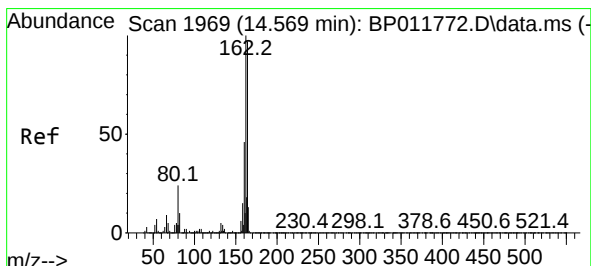
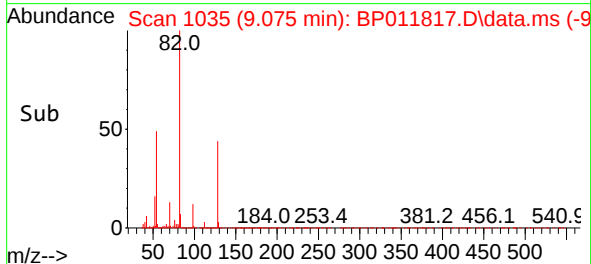
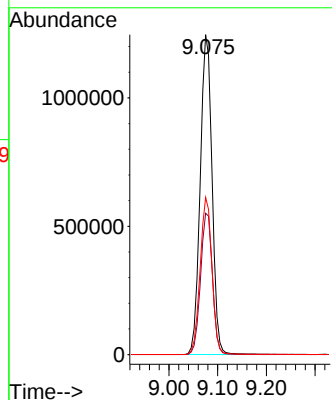
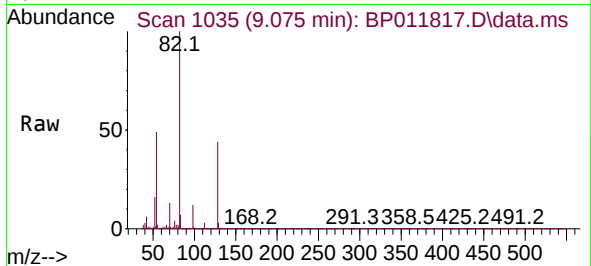




#23  
Nitrobenzene-d5  
Concen: 73.428 ng  
RT: 9.075 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BP011817.D  
Acq: 27 Sep 2022 16:00

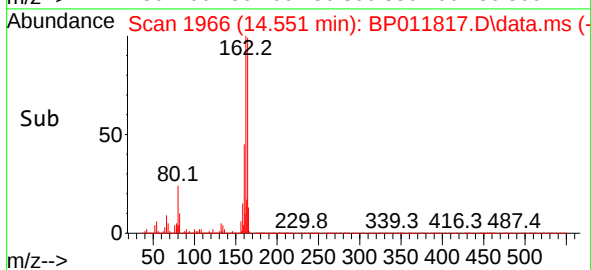
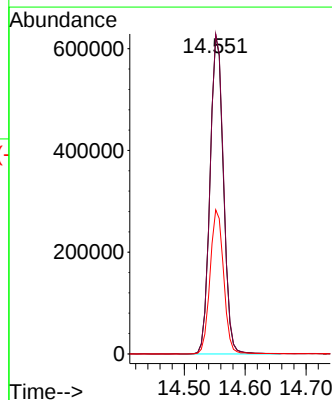
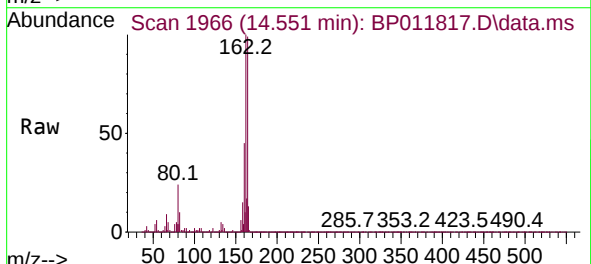
Instrument :  
BNA\_P  
ClientSampleId :  
251563-4

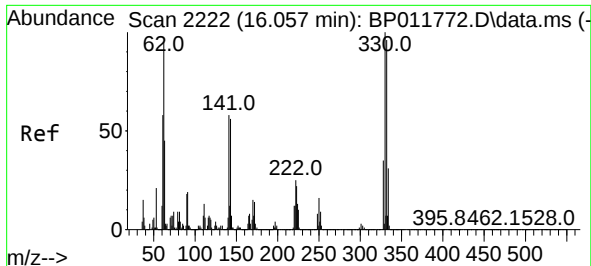
Tgt Ion: 82 Resp: 2098538  
Ion Ratio Lower Upper  
82 100  
128 44.2 34.2 51.4  
54 49.1 43.1 64.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.551 min Scan# 1966  
Delta R.T. -0.006 min  
Lab File: BP011817.D  
Acq: 27 Sep 2022 16:00

Tgt Ion:164 Resp: 956159  
Ion Ratio Lower Upper  
164 100  
162 100.6 82.5 123.7  
160 45.3 37.8 56.6

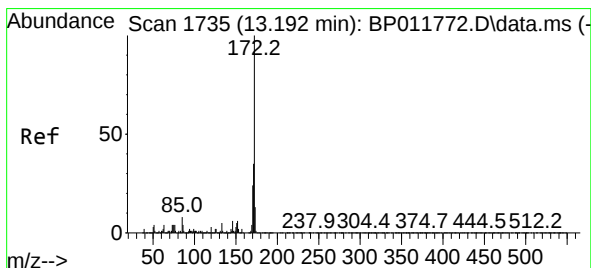
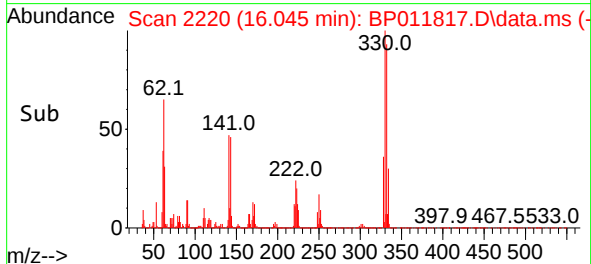
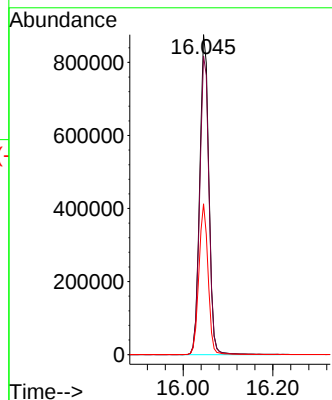
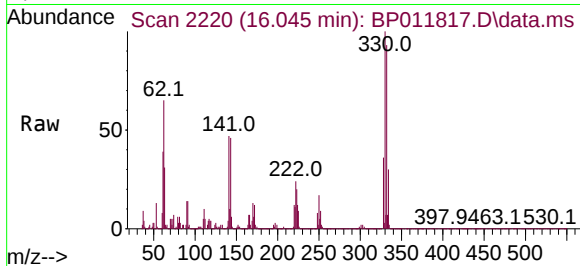




#42  
2,4,6-Tribromophenol  
Concen: 192.189 ng  
RT: 16.045 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP011817.D  
Acq: 27 Sep 2022 16:00

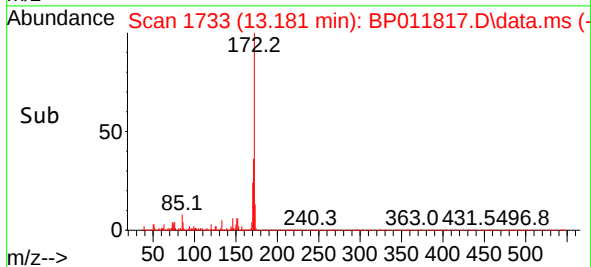
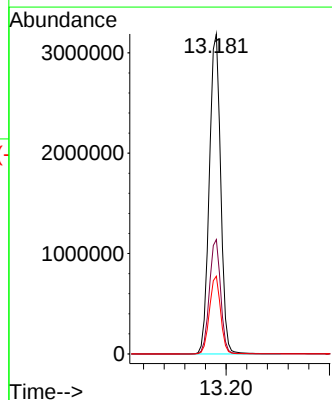
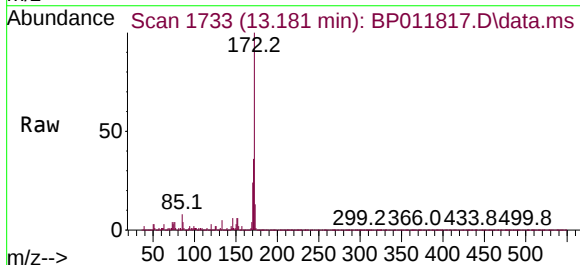
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ClientSampleId :  
251563-4

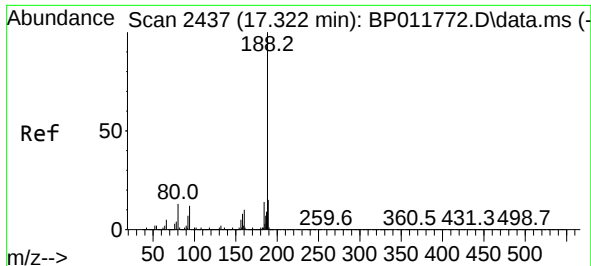
Tgt Ion:330 Resp: 1237366  
Ion Ratio Lower Upper  
330 100  
332 94.8 76.6 114.8  
141 47.2 48.7 73.1#



#45  
2-Fluorobiphenyl  
Concen: 80.193 ng  
RT: 13.181 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: BP011817.D  
Acq: 27 Sep 2022 16:00

Tgt Ion:172 Resp: 4848746  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.9 41.9  
170 24.3 19.5 29.3

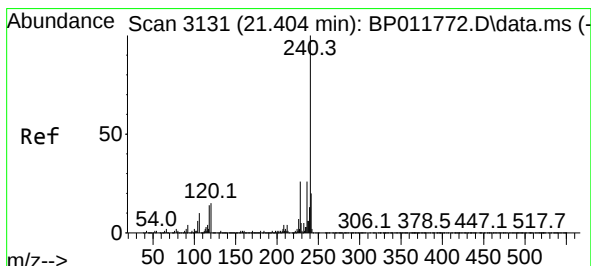
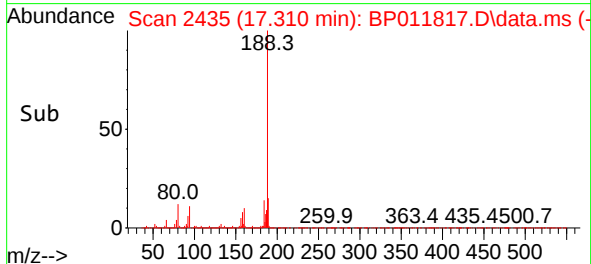
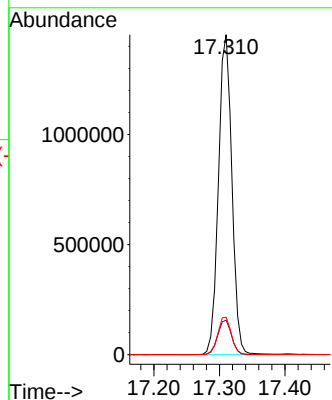
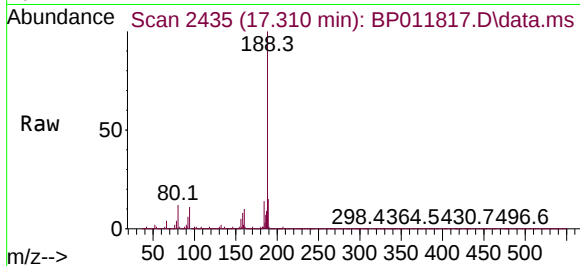




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.310 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: BP011817.D  
Acq: 27 Sep 2022 16:00

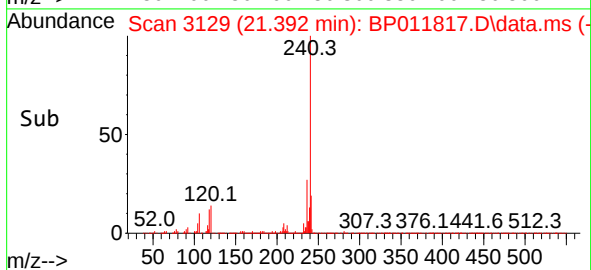
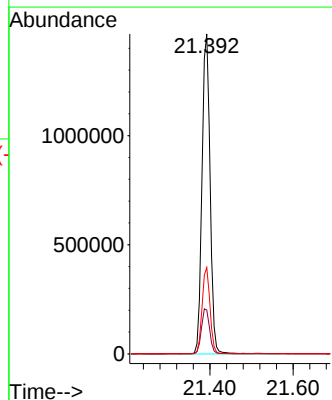
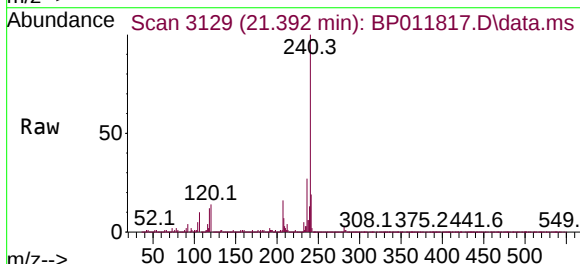
Instrument :  
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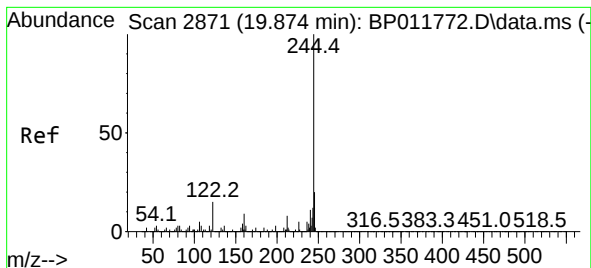
Tgt Ion:188 Resp: 2072665  
Ion Ratio Lower Upper  
188 100  
94 10.8 9.4 14.0  
80 11.7 10.6 15.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.392 min Scan# 3129  
Delta R.T. -0.006 min  
Lab File: BP011817.D  
Acq: 27 Sep 2022 16:00

Tgt Ion:240 Resp: 1982576  
Ion Ratio Lower Upper  
240 100  
120 13.7 12.0 18.0  
236 27.0 21.1 31.7





#79

Terphenyl-d14

Concen: 87.907 ng

RT: 19.863 min Scan# 2869

Delta R.T. -0.006 min

Lab File: BP011817.D

Acq: 27 Sep 2022 16:00

Instrument :

BNA\_P

ClientSampleId :

251563-4

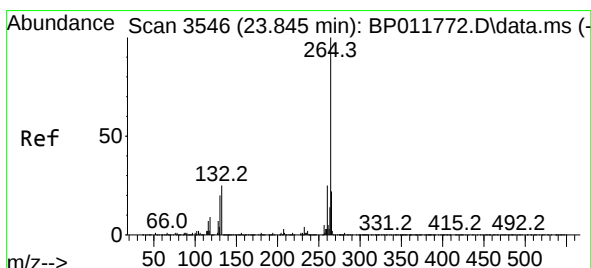
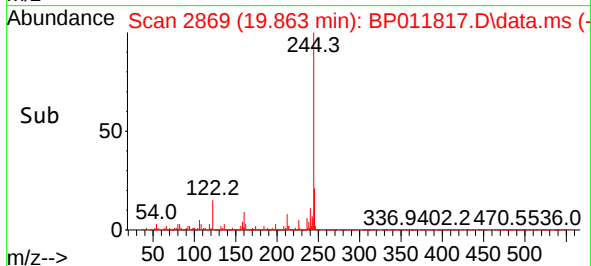
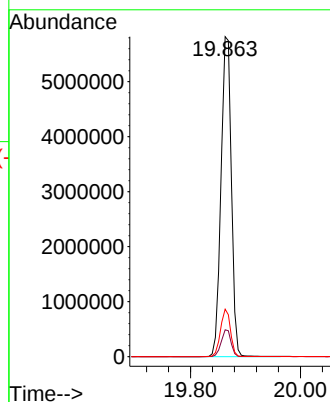
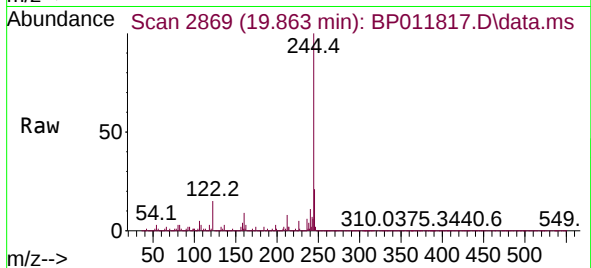
Tgt Ion:244 Resp: 7579717

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 14.8 11.8 17.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3544

Delta R.T. -0.006 min

Lab File: BP011817.D

Acq: 27 Sep 2022 16:00

Tgt Ion:264 Resp: 2016269

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 22.2 17.8 26.8

