

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090722\  
 Data File : BP011647.D  
 Acq On : 07 Sep 2022 14:38  
 Operator : CG/JU  
 Sample : N4501-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-08-COMP

Quant Time: Sep 08 04:04:51 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP090222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 03 04:07:09 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.969  | 152  | 570449   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.781 | 136  | 2380546  | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.604 | 164  | 1402030  | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.363 | 188  | 2746853  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.439 | 240  | 2340106  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.910 | 264  | 2142906  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 5889116  | 182.584 | ng    | 0.00     |
| 7) Phenol-d6                | 7.128  | 99   | 7671743  | 179.754 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.134  | 82   | 4361048  | 112.452 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.098 | 330  | 2425191  | 153.098 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.234 | 172  | 9626733  | 98.188  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.916 | 244  | 12334747 | 110.401 | ng    | 0.00     |

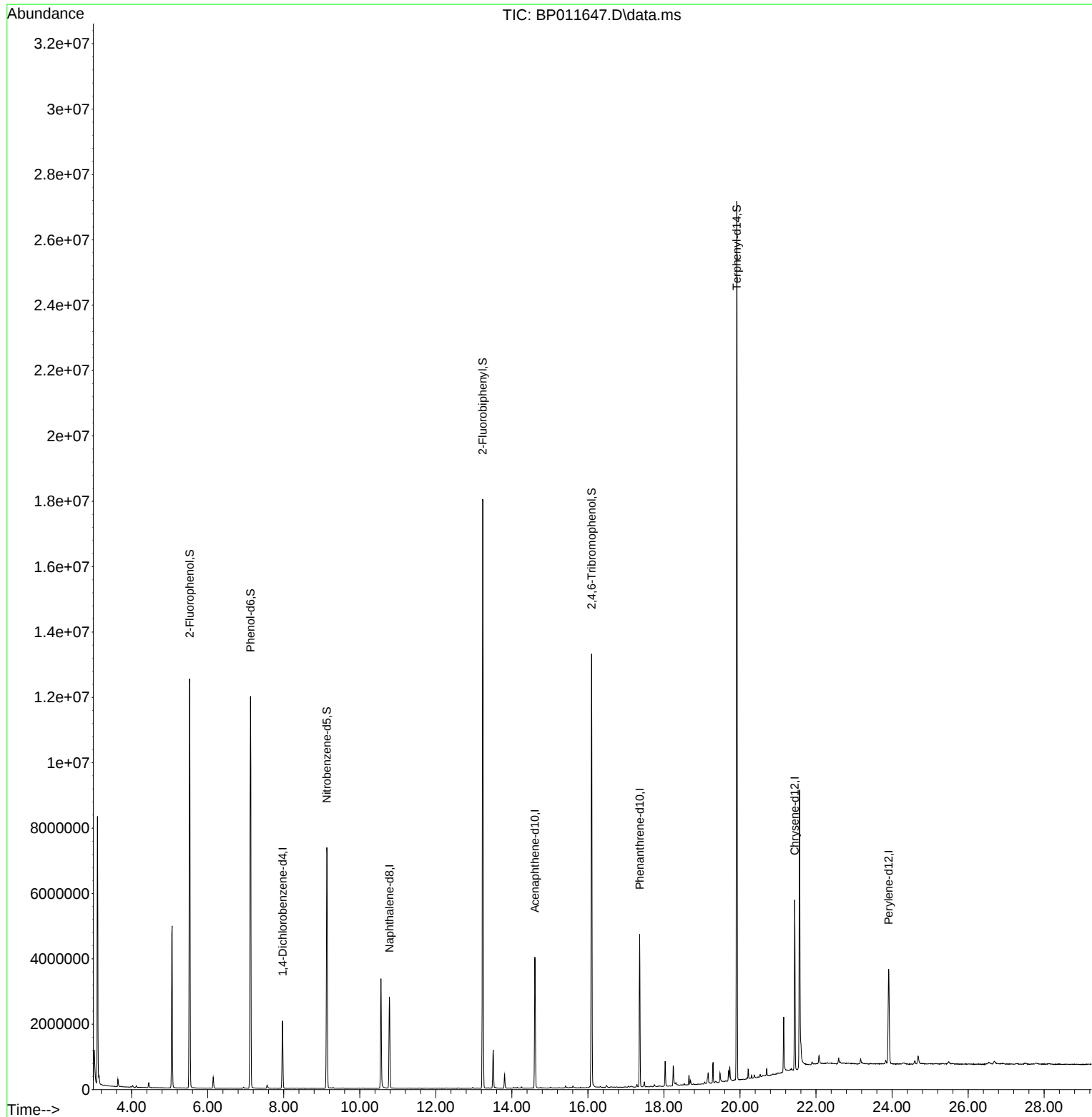
Target Compounds Qvalue

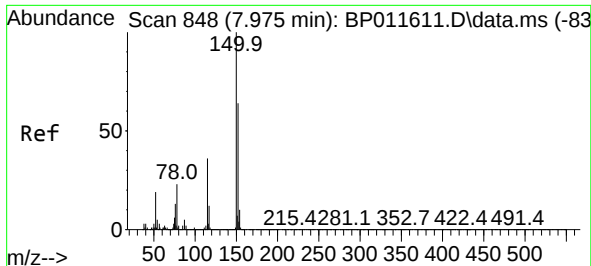
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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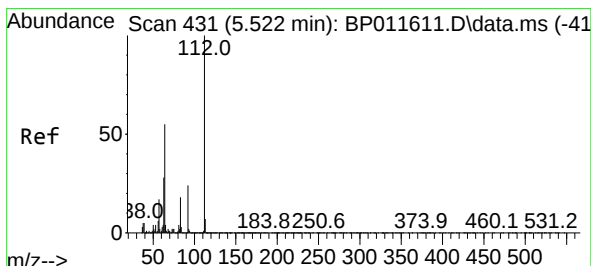
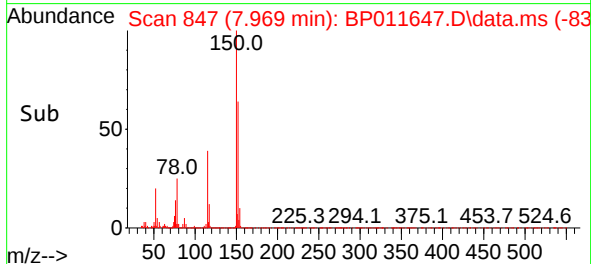
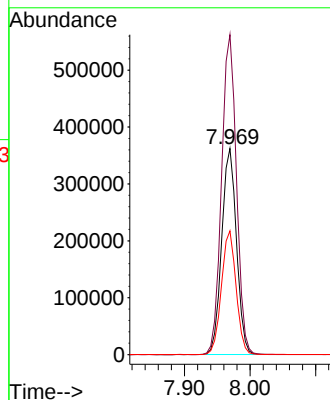
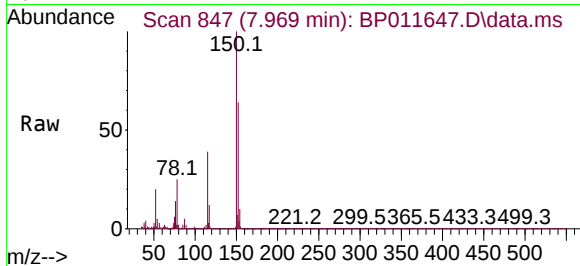




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.969 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BP011647.D  
Acq: 07 Sep 2022 14:38

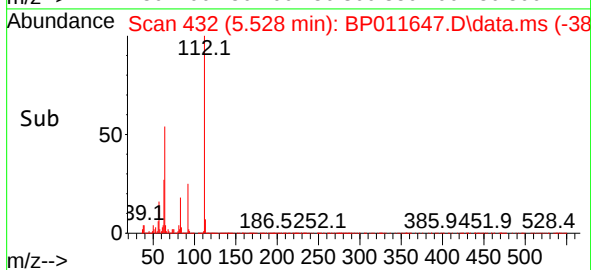
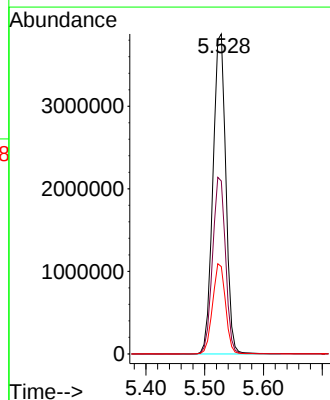
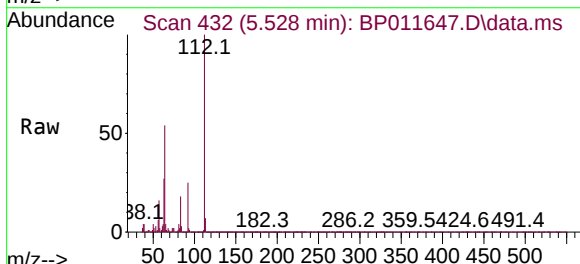
Instrument :  
BNA\_P  
ClientSampleId :  
SB-08-COMP

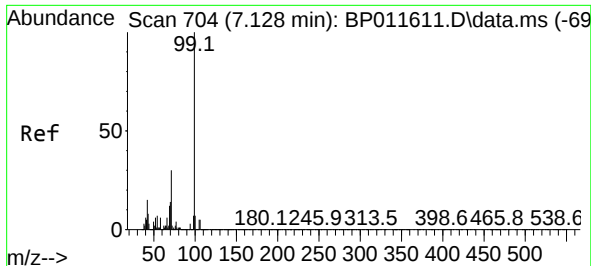
Tgt Ion:152 Resp: 570449  
Ion Ratio Lower Upper  
152 100  
150 155.2 123.4 185.2  
115 60.0 51.3 76.9



#5  
2-Fluorophenol  
Concen: 182.584 ng  
RT: 5.528 min Scan# 432  
Delta R.T. 0.006 min  
Lab File: BP011647.D  
Acq: 07 Sep 2022 14:38

Tgt Ion:112 Resp: 5889116  
Ion Ratio Lower Upper  
112 100  
64 54.0 56.9 85.3#  
63 27.3 31.2 46.8#

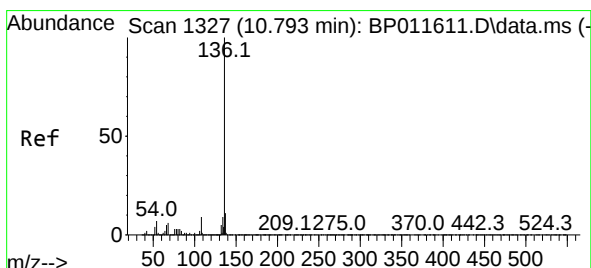
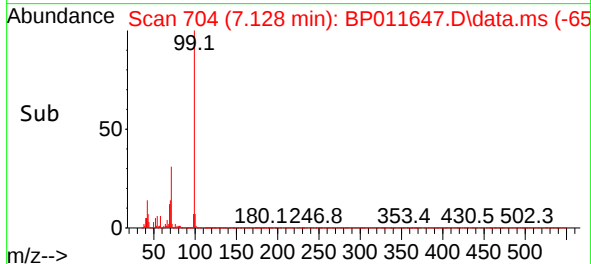
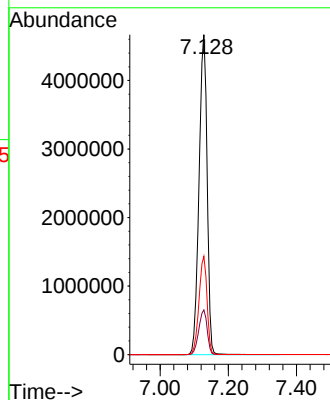
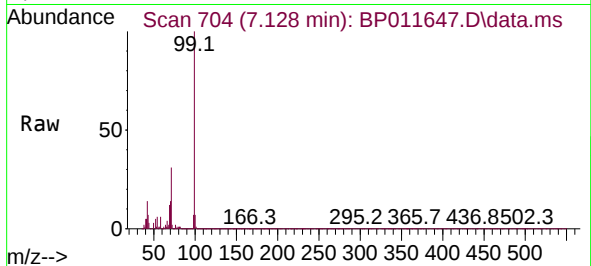




#7  
Phenol-d6  
Concen: 179.754 ng  
RT: 7.128 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: BP011647.D  
Acq: 07 Sep 2022 14:38

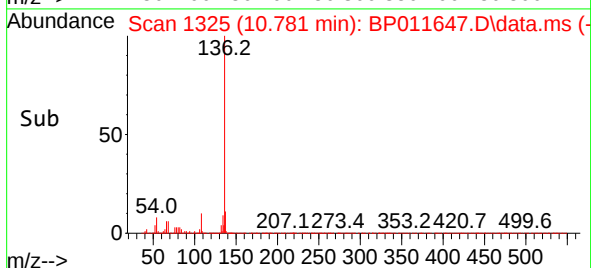
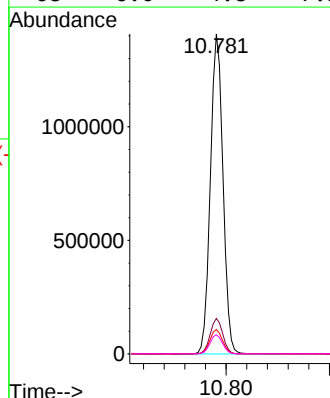
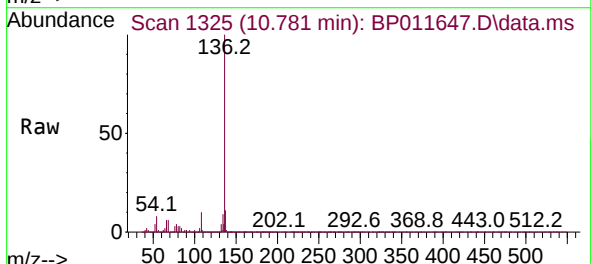
Instrument :  
BNA\_P  
ClientSampleId :  
SB-08-COMP

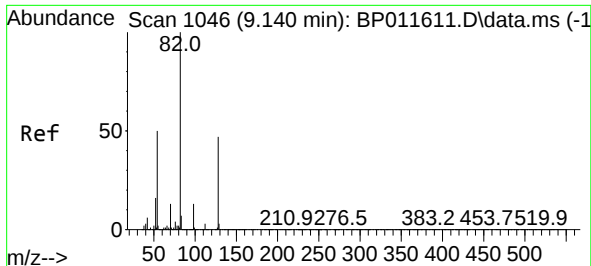
Tgt Ion: 99 Resp: 7671743  
Ion Ratio Lower Upper  
99 100  
42 14.0 20.3 30.5#  
71 30.7 33.9 50.9#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.781 min Scan# 1325  
Delta R.T. -0.012 min  
Lab File: BP011647.D  
Acq: 07 Sep 2022 14:38

Tgt Ion:136 Resp: 2380546  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 7.6 8.7 13.1#  
68 6.0 4.8 7.2

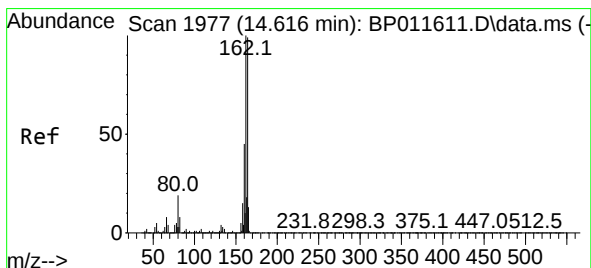
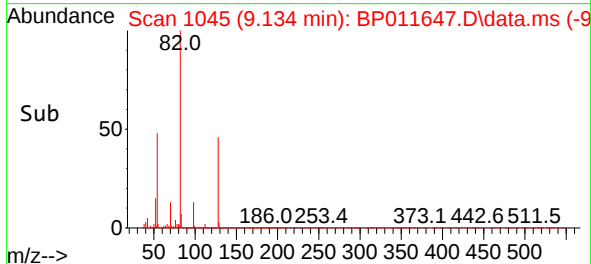
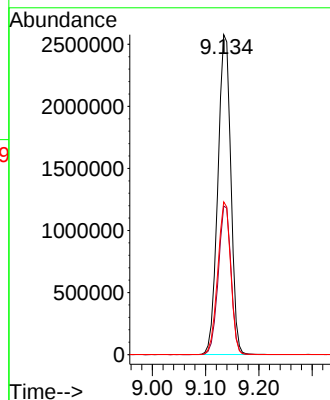
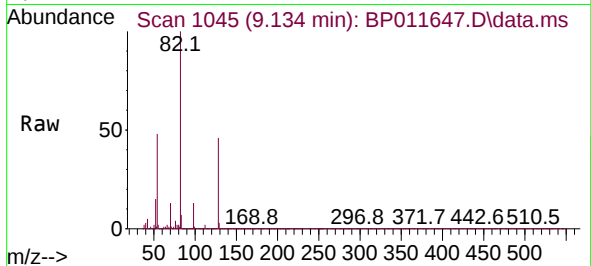




#23  
Nitrobenzene-d5  
Concen: 112.452 ng  
RT: 9.134 min Scan# 1045  
Delta R.T. -0.006 min  
Lab File: BP011647.D  
Acq: 07 Sep 2022 14:38

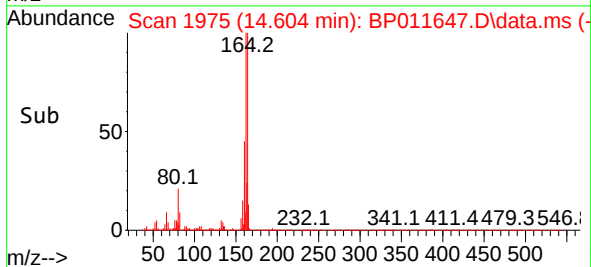
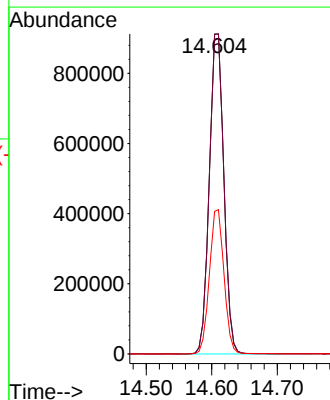
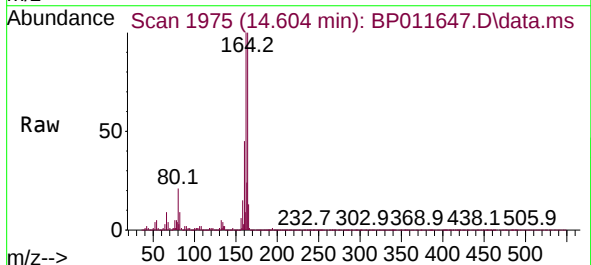
Instrument :  
BNA\_P  
ClientSampleId :  
SB-08-COMP

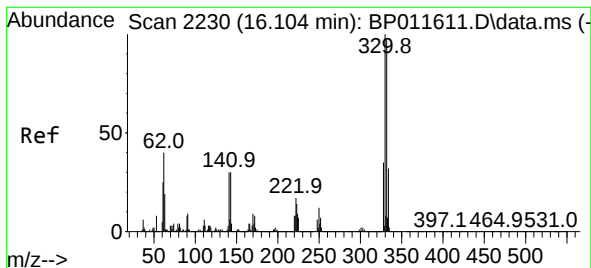
Tgt Ion: 82 Resp: 4361048  
Ion Ratio Lower Upper  
82 100  
128 46.4 31.3 46.9  
54 47.7 49.8 74.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.604 min Scan# 1975  
Delta R.T. -0.012 min  
Lab File: BP011647.D  
Acq: 07 Sep 2022 14:38

Tgt Ion:164 Resp: 1402030  
Ion Ratio Lower Upper  
164 100  
162 99.8 81.9 122.9  
160 44.5 34.6 51.8

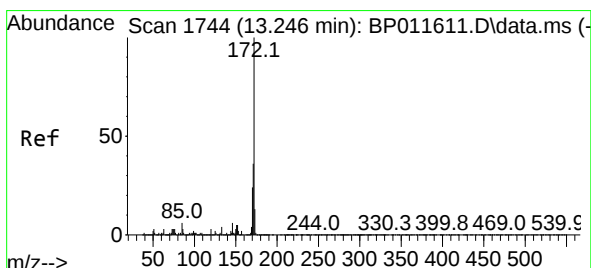
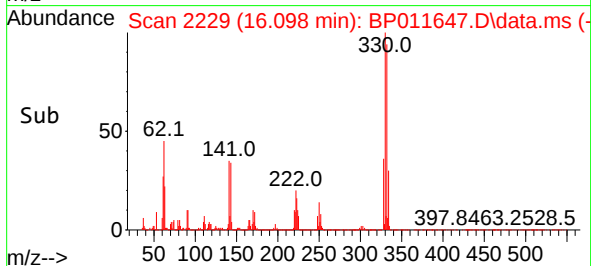
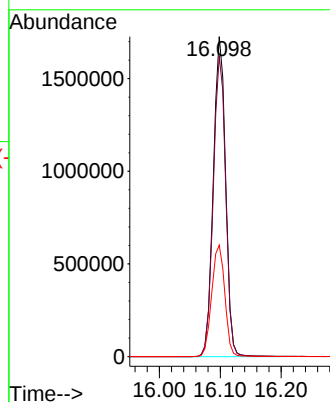
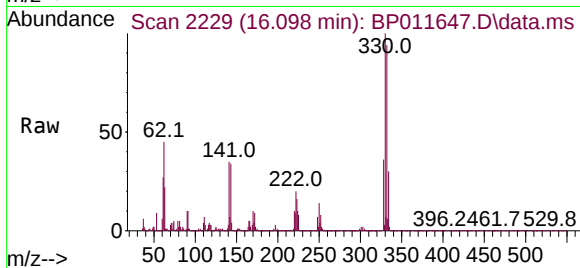




#42  
2,4,6-Tribromophenol  
Concen: 153.098 ng  
RT: 16.098 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP011647.D  
Acq: 07 Sep 2022 14:38

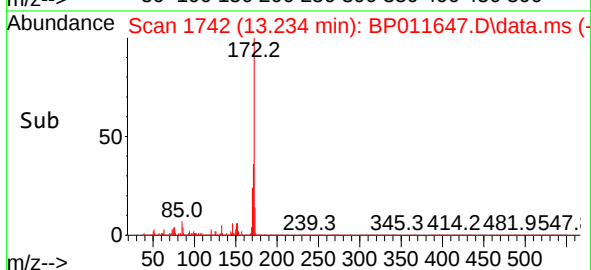
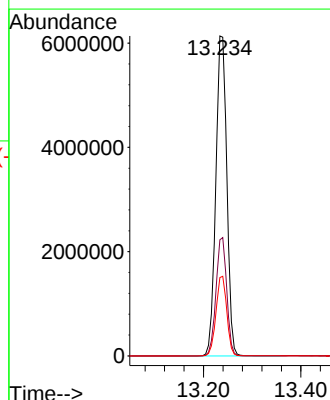
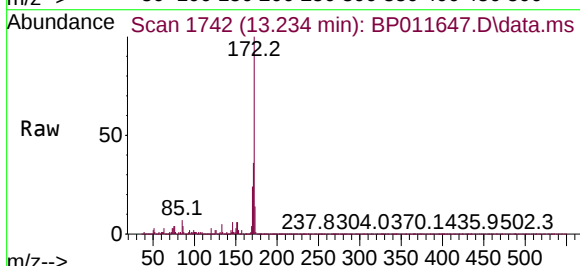
Instrument :  
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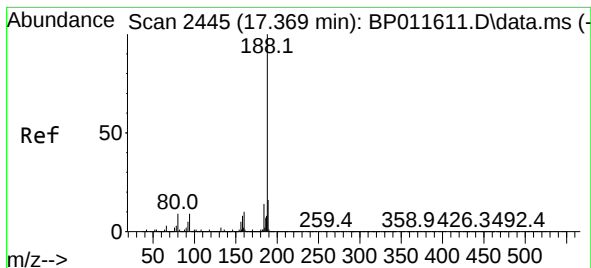
Tgt Ion:330 Resp: 2425191  
Ion Ratio Lower Upper  
330 100  
332 95.1 78.1 117.1  
141 37.2 31.4 47.2



#45  
2-Fluorobiphenyl  
Concen: 98.188 ng  
RT: 13.234 min Scan# 1742  
Delta R.T. -0.012 min  
Lab File: BP011647.D  
Acq: 07 Sep 2022 14:38

Tgt Ion:172 Resp: 9626733  
Ion Ratio Lower Upper  
172 100  
171 36.3 27.9 41.9  
170 24.5 18.2 27.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.363 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP011647.D

Acq: 07 Sep 2022 14:38

Instrument :

BNA\_P

ClientSampleId :

SB-08-COMP

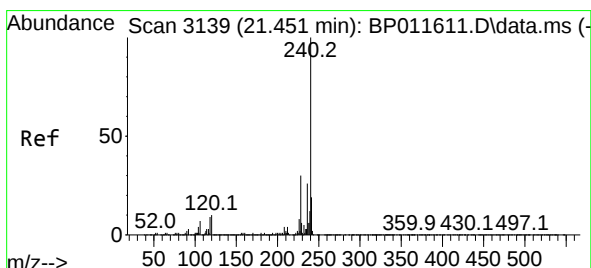
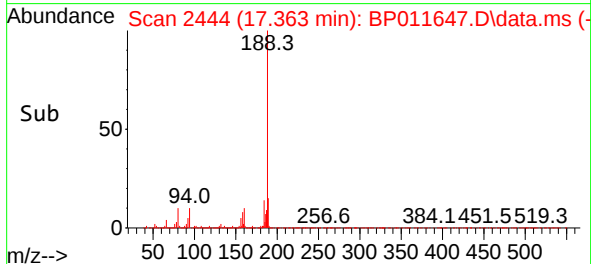
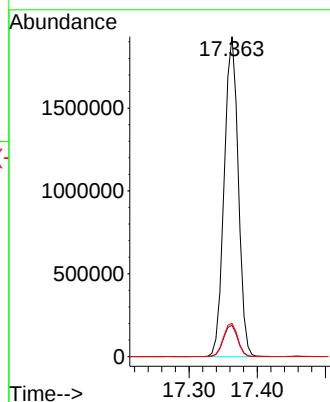
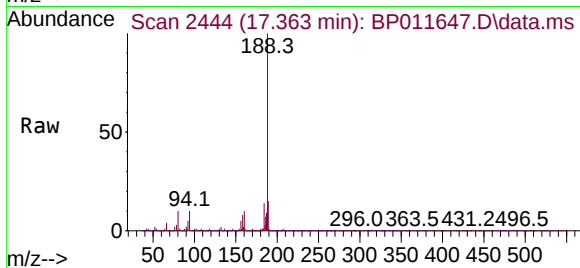
Tgt Ion:188 Resp: 2746853

Ion Ratio Lower Upper

188 100

94 9.8 6.6 10.0

80 10.4 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.012 min

Lab File: BP011647.D

Acq: 07 Sep 2022 14:38

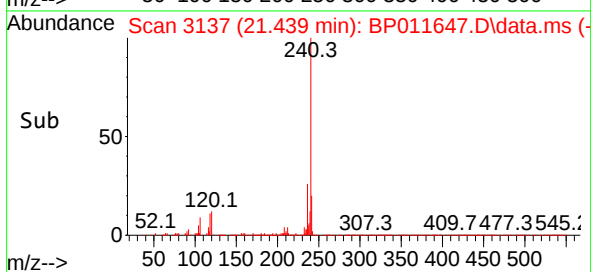
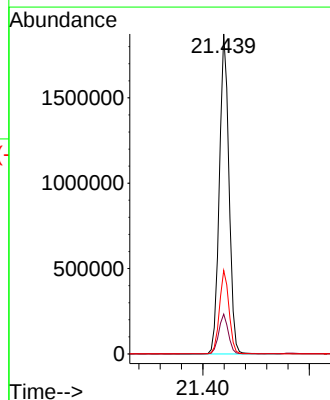
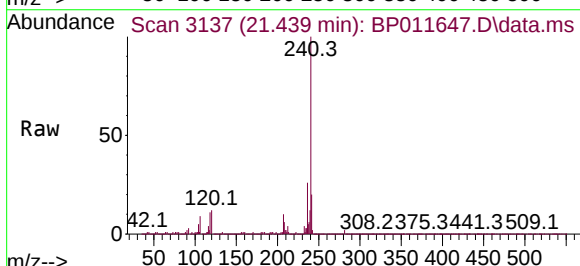
Tgt Ion:240 Resp: 2340106

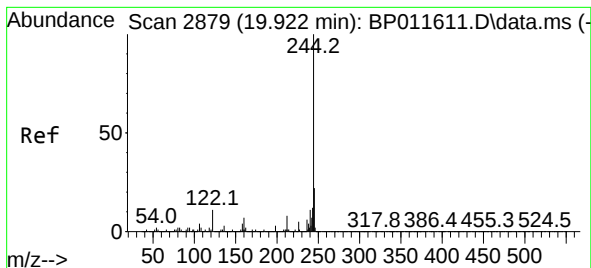
Ion Ratio Lower Upper

240 100

120 12.4 8.6 12.8

236 26.1 19.8 29.6





#79

Terphenyl-d14

Concen: 110.401 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011647.D

Acq: 07 Sep 2022 14:38

Instrument :

BNA\_P

ClientSampleId :

SB-08-COMP

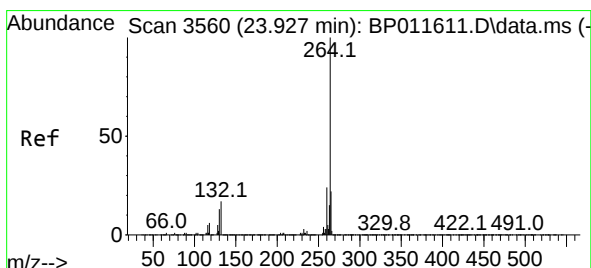
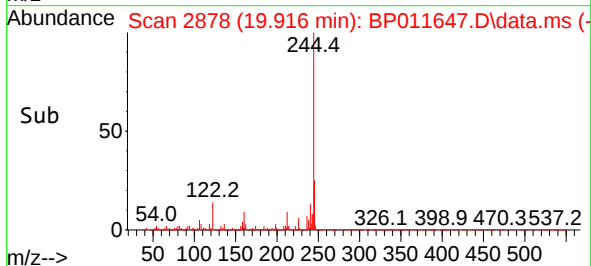
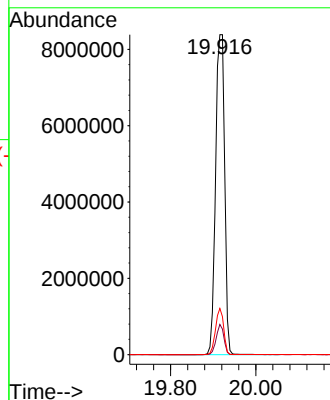
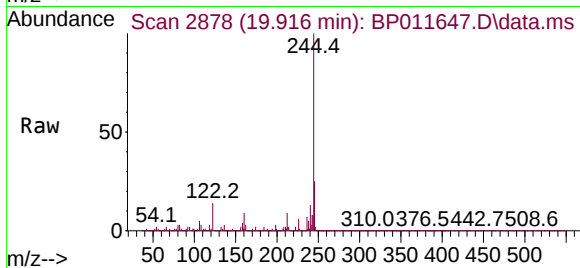
Tgt Ion:244 Resp:12334747

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 14.4 7.6 11.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.910 min Scan# 3557

Delta R.T. -0.018 min

Lab File: BP011647.D

Acq: 07 Sep 2022 14:38

Tgt Ion:264 Resp: 2142906

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.0 18.0 27.0

