

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092324\  
 Data File : BP021983.D  
 Acq On : 23 Sep 2024 15:28  
 Operator : RC/JU  
 Sample : PB163571BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB163571BL

Quant Time: Sep 23 16:25:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 20 01:22:00 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.669  | 152  | 83830    | 20.000  | ng    | -0.05    |
| 21) Naphthalene-d8          | 10.439 | 136  | 288413   | 20.000  | ng    | -0.04    |
| 39) Acenaphthene-d10        | 14.310 | 164  | 180364   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.127 | 188  | 445041   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.557 | 240  | 556101   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.856 | 264  | 660809   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.293  | 112  | 620510   | 139.104 | ng    | -0.04    |
| 7) Phenol-d6                | 6.851  | 99   | 744883   | 128.630 | ng    | -0.05    |
| 23) Nitrobenzene-d5         | 8.810  | 82   | 499970   | 91.726  | ng    | -0.05    |
| 42) 2,4,6-Tribromophenol    | 15.833 | 330  | 525825   | 157.256 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.922 | 172  | 1189514  | 96.273  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.851 | 244  | 2997559  | 101.256 | ng    | 0.00     |

Target Compounds Qvalue

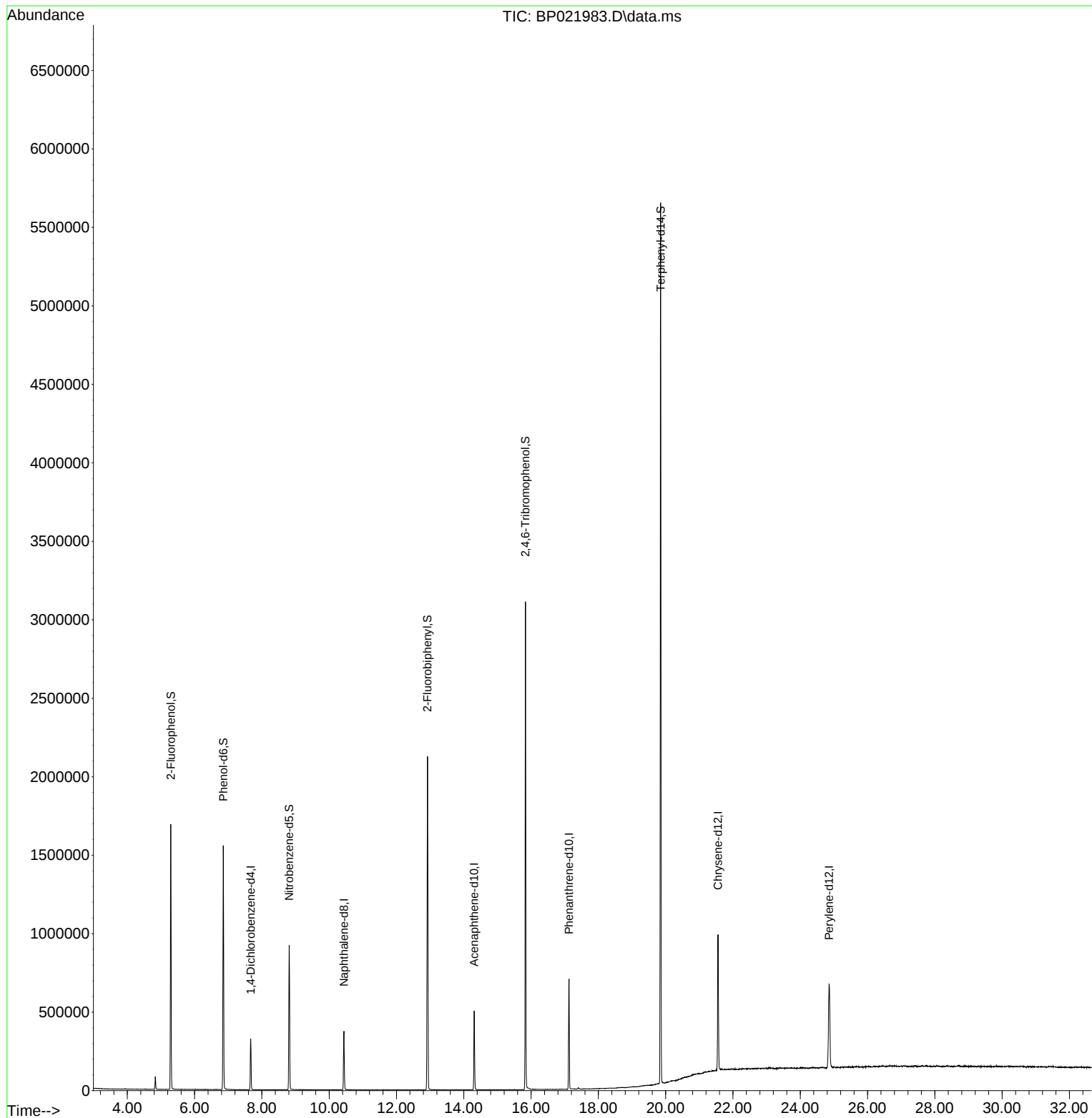
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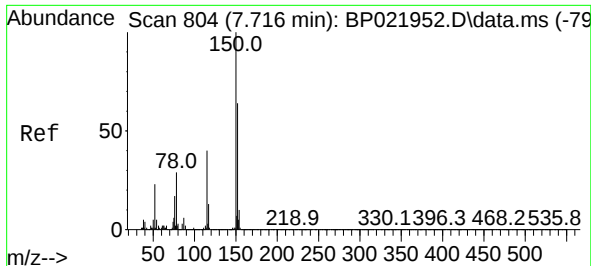
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 20 01:22:00 2024  
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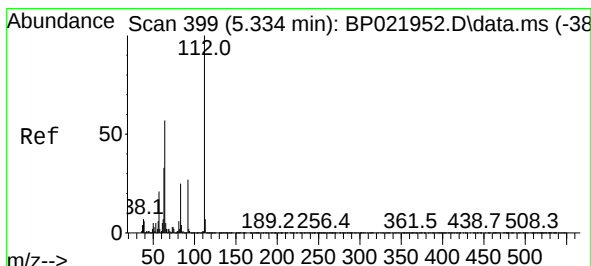
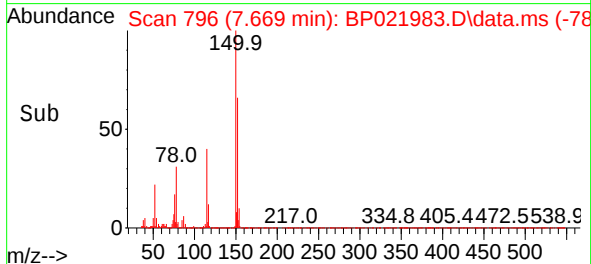
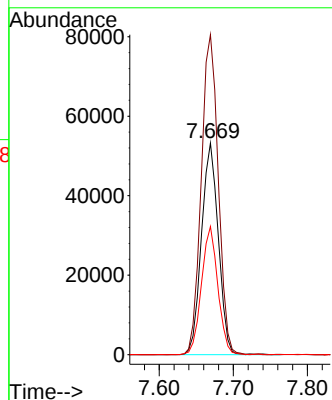
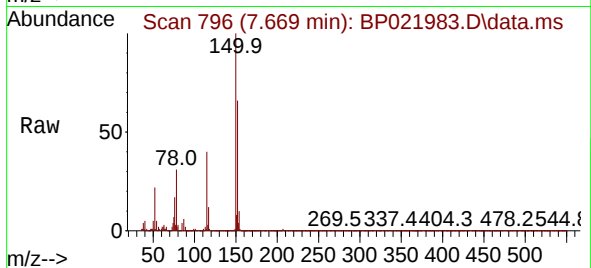




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.669 min Scan# 71  
Delta R.T. -0.047 min  
Lab File: BP021983.D  
Acq: 23 Sep 2024 15:28

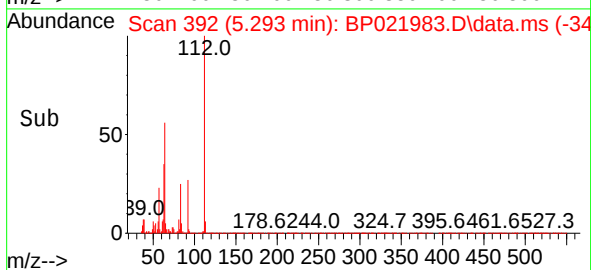
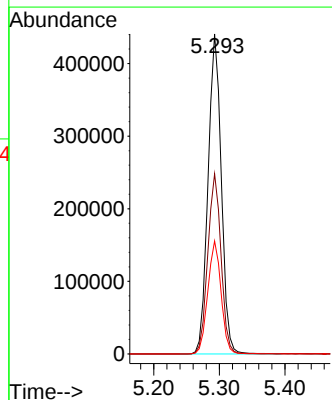
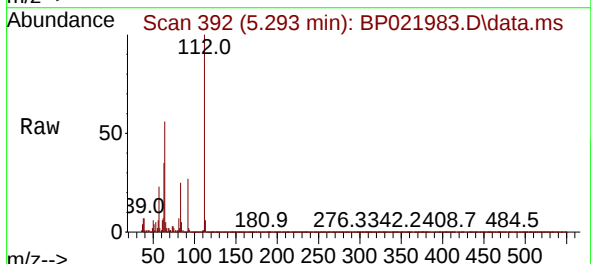
Instrument :  
BNA\_P  
ClientSampleId :  
PB163571BL

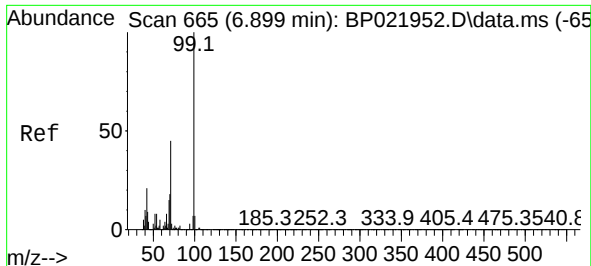
Tgt Ion:152 Resp: 83830  
Ion Ratio Lower Upper  
152 100  
150 151.2 124.2 186.2  
115 60.5 49.2 73.8



#5  
2-Fluorophenol  
Concen: 139.104 ng  
RT: 5.293 min Scan# 392  
Delta R.T. -0.041 min  
Lab File: BP021983.D  
Acq: 23 Sep 2024 15:28

Tgt Ion:112 Resp: 620510  
Ion Ratio Lower Upper  
112 100  
64 56.3 45.4 68.0  
63 35.3 26.6 39.8

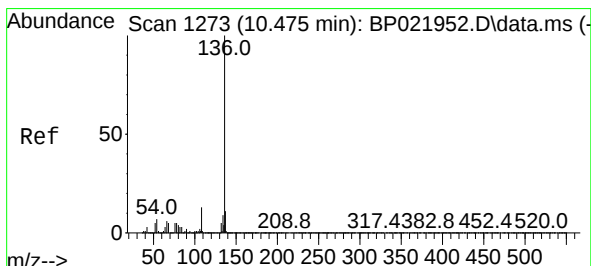
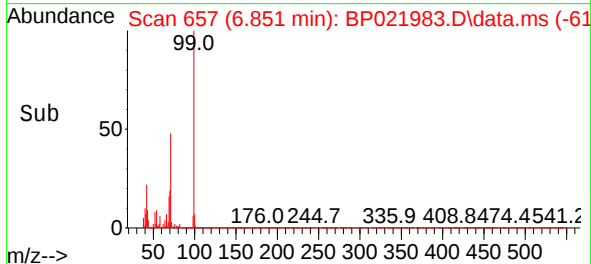
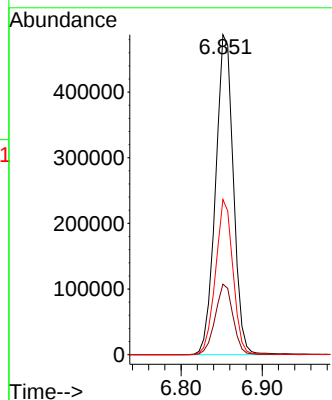
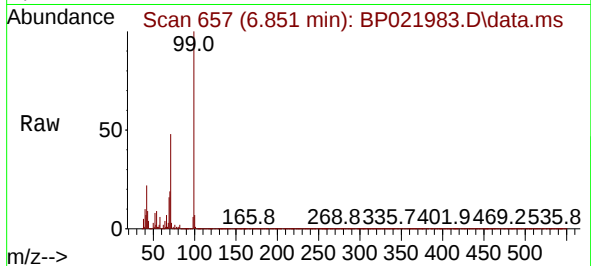




#7  
Phenol-d6  
Concen: 128.630 ng  
RT: 6.851 min Scan# 61  
Delta R.T. -0.047 min  
Lab File: BP021983.D  
Acq: 23 Sep 2024 15:28

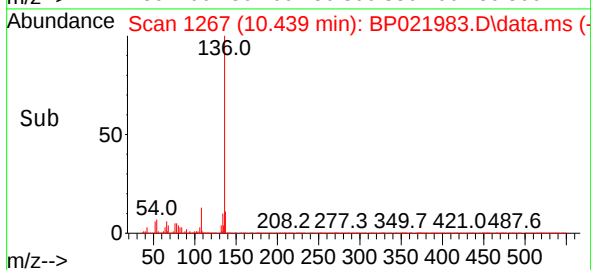
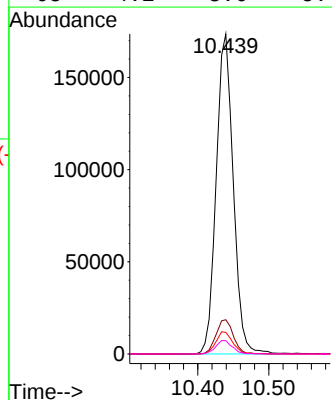
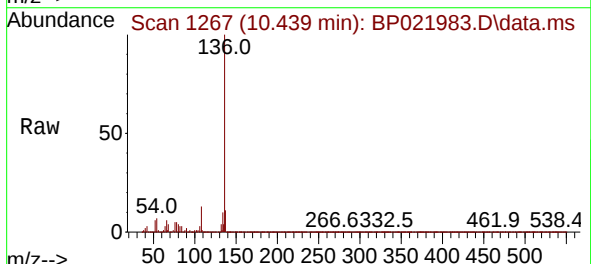
Instrument :  
BNA\_P  
ClientSampleId :  
PB163571BL

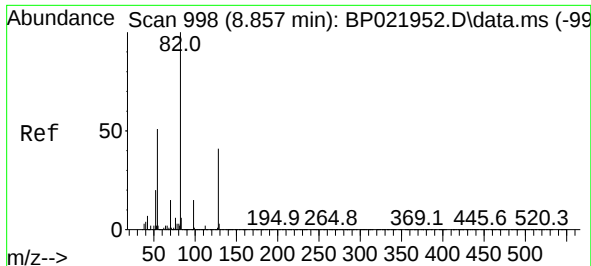
Tgt Ion: 99 Resp: 744883  
Ion Ratio Lower Upper  
99 100  
42 22.1 16.8 25.2  
71 48.5 35.8 53.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.439 min Scan# 1267  
Delta R.T. -0.035 min  
Lab File: BP021983.D  
Acq: 23 Sep 2024 15:28

Tgt Ion:136 Resp: 288413  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 6.8 5.5 8.3  
68 4.2 3.6 5.4





#23

Nitrobenzene-d5

Concen: 91.726 ng

RT: 8.810 min Scan# 998

Delta R.T. -0.047 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

Instrument :

BNA\_P

ClientSampleId :

PB163571BL

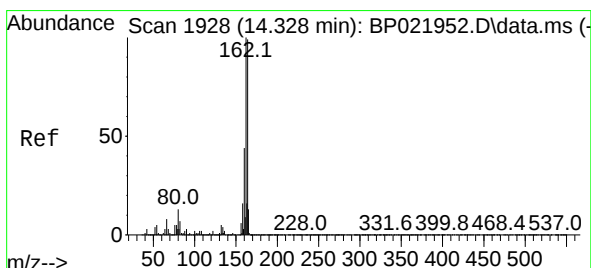
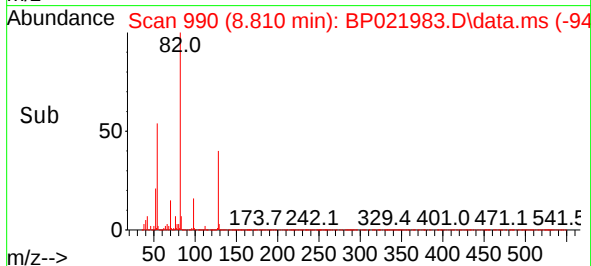
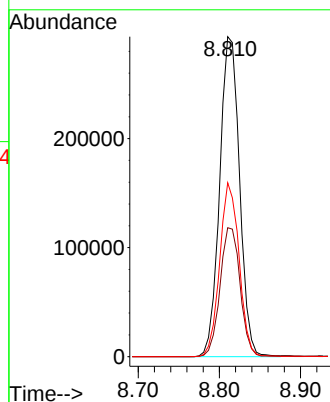
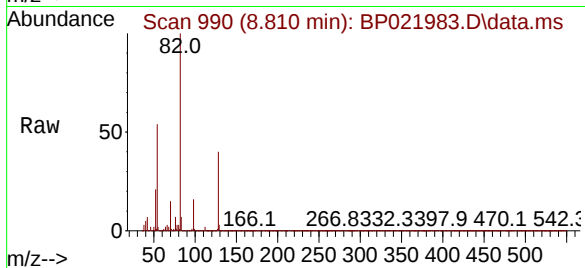
Tgt Ion: 82 Resp: 499970

Ion Ratio Lower Upper

82 100

128 40.3 33.1 49.7

54 54.3 40.3 60.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.310 min Scan# 1925

Delta R.T. -0.018 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

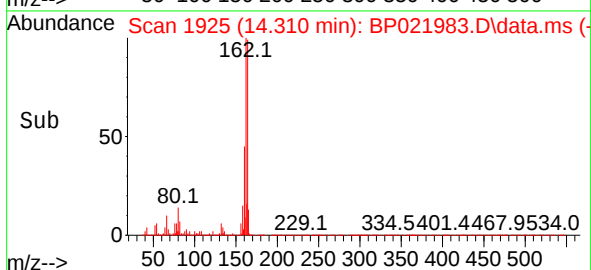
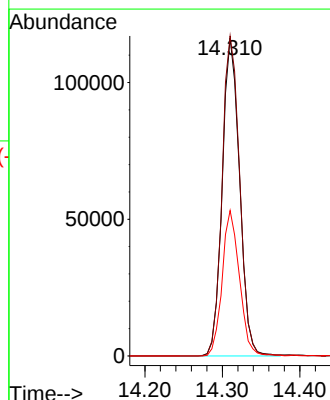
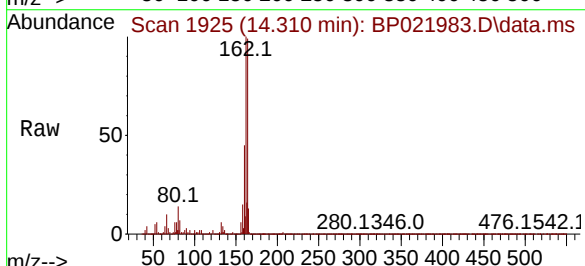
Tgt Ion:164 Resp: 180364

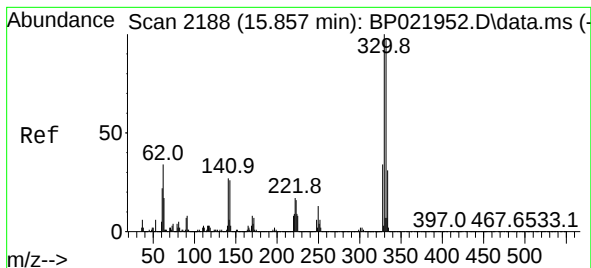
Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

160 45.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 157.256 ng

RT: 15.833 min Scan# 2188

Delta R.T. -0.024 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

Instrument :

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PB163571BL

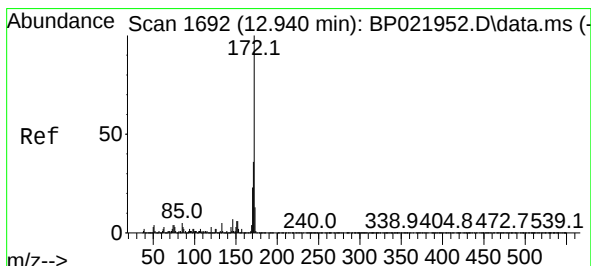
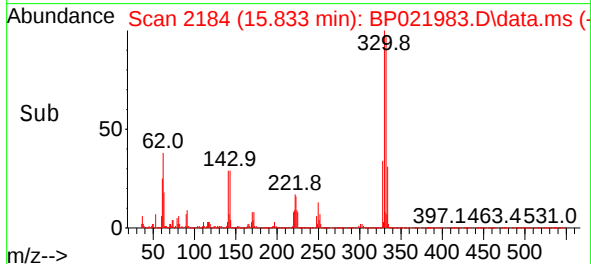
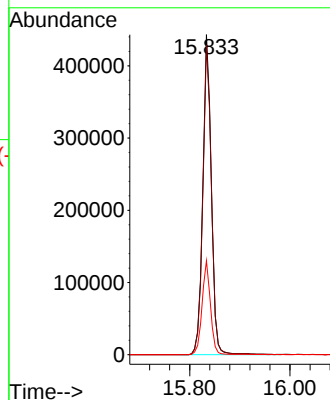
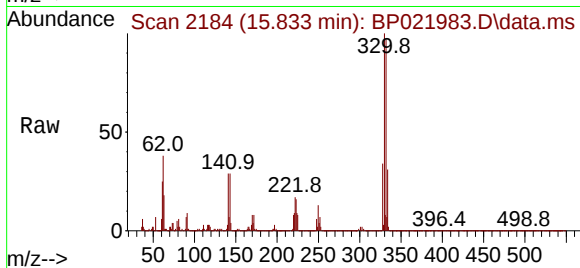
Tgt Ion:330 Resp: 525825

Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

141 28.7 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 96.273 ng

RT: 12.922 min Scan# 1689

Delta R.T. -0.018 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

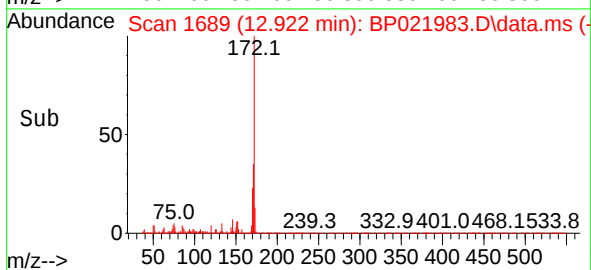
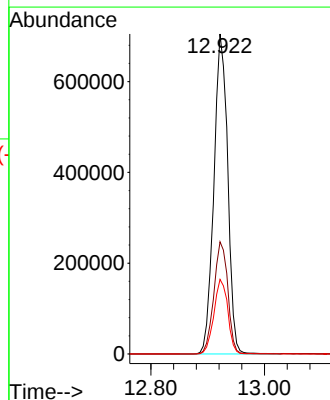
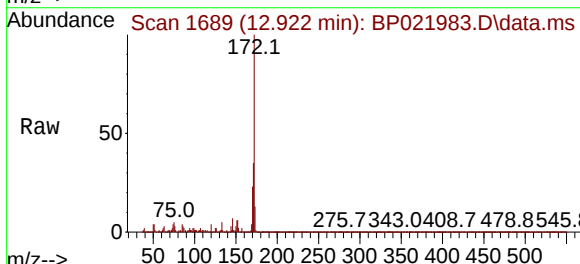
Tgt Ion:172 Resp: 1189514

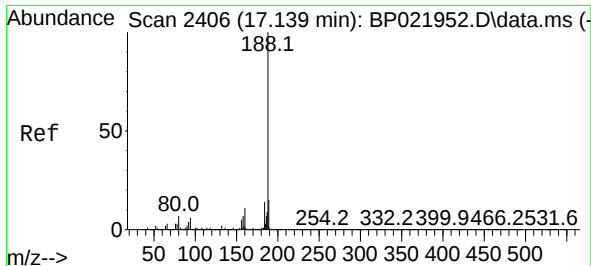
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.3 18.8 28.2

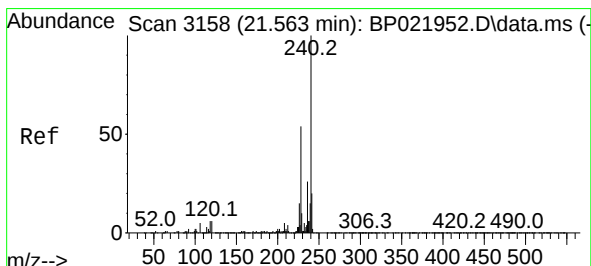
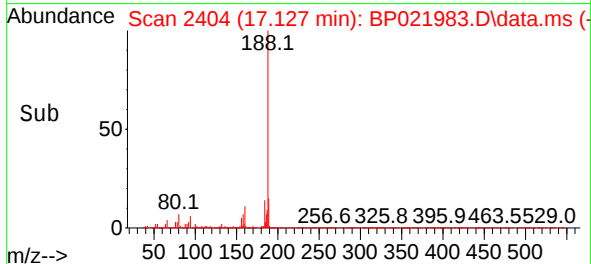
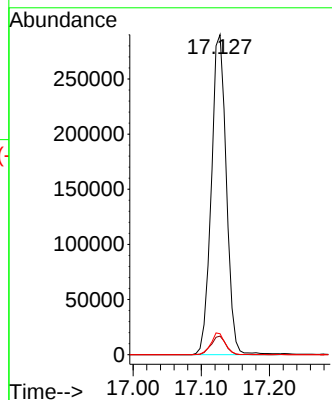
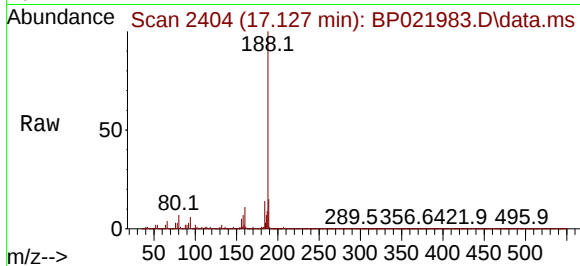




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.127 min Scan# 2404  
Delta R.T. -0.012 min  
Lab File: BP021983.D  
Acq: 23 Sep 2024 15:28

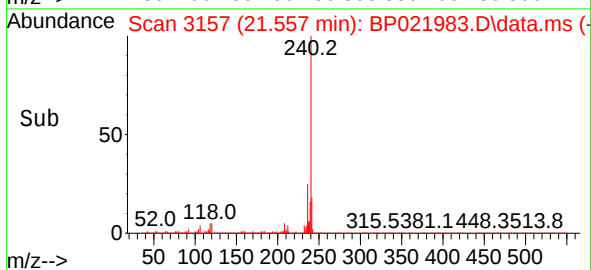
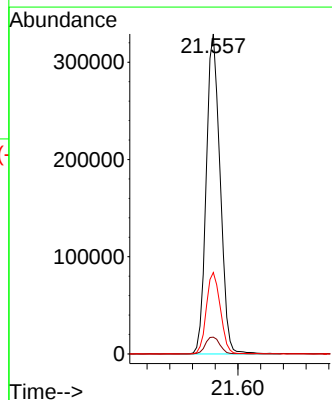
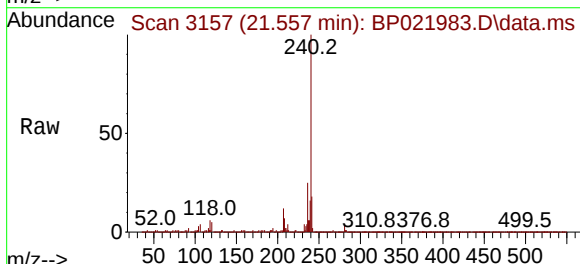
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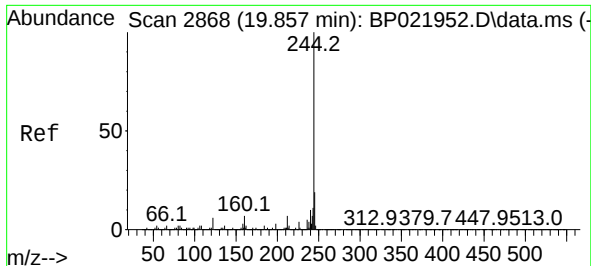
Tgt Ion:188 Resp: 445041  
Ion Ratio Lower Upper  
188 100  
94 5.8 4.6 6.8  
80 6.6 5.4 8.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.557 min Scan# 3157  
Delta R.T. -0.006 min  
Lab File: BP021983.D  
Acq: 23 Sep 2024 15:28

Tgt Ion:240 Resp: 556101  
Ion Ratio Lower Upper  
240 100  
120 5.2 5.1 7.7  
236 25.4 20.7 31.1

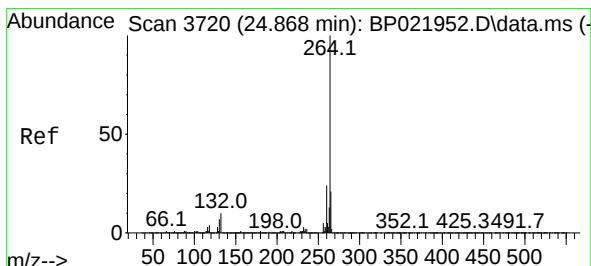
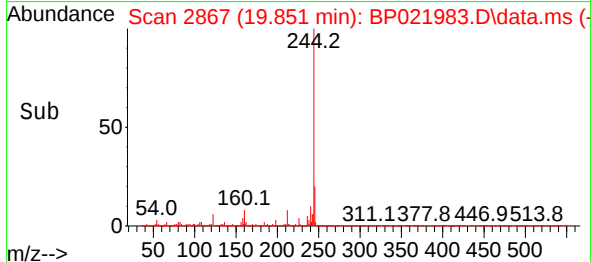
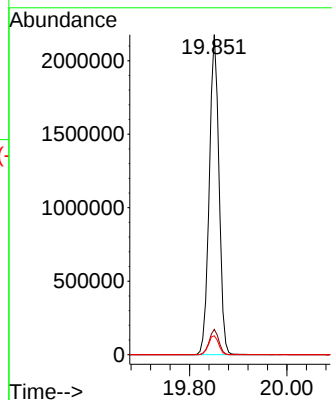
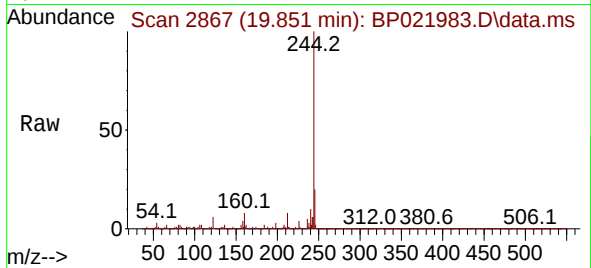




#79  
 Terphenyl-d14  
 Concen: 101.256 ng  
 RT: 19.851 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP021983.D  
 Acq: 23 Sep 2024 15:28

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB163571BL

Tgt Ion:244 Resp: 2997559  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.0 9.0  
 122 5.9 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.856 min Scan# 3718  
 Delta R.T. -0.012 min  
 Lab File: BP021983.D  
 Acq: 23 Sep 2024 15:28

Tgt Ion:264 Resp: 660809  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.9 28.3  
 265 22.8 17.5 26.3

