

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092324\  
 Data File : BP021986.D  
 Acq On : 23 Sep 2024 17:30  
 Operator : RC/JU  
 Sample : PB163555BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB163555BL

Quant Time: Sep 23 18:19:46 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   | 7.710  | 152  | 67621    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.469 | 136  | 232473   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.328 | 164  | 153203   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.128 | 188  | 344869   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.545 | 240  | 424187   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 24.839 | 264  | 535932   | 20.000  | ng    | -0.03    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.334  | 112  | 518407   | 144.072 | ng    | 0.00     |
| 7) Phenol-d6                | 6.893  | 99   | 633155   | 135.545 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.851  | 82   | 443963   | 101.051 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.833 | 330  | 424626   | 149.505 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.940 | 172  | 1064427  | 101.422 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.851 | 244  | 2352488  | 104.178 | ng    | 0.00     |

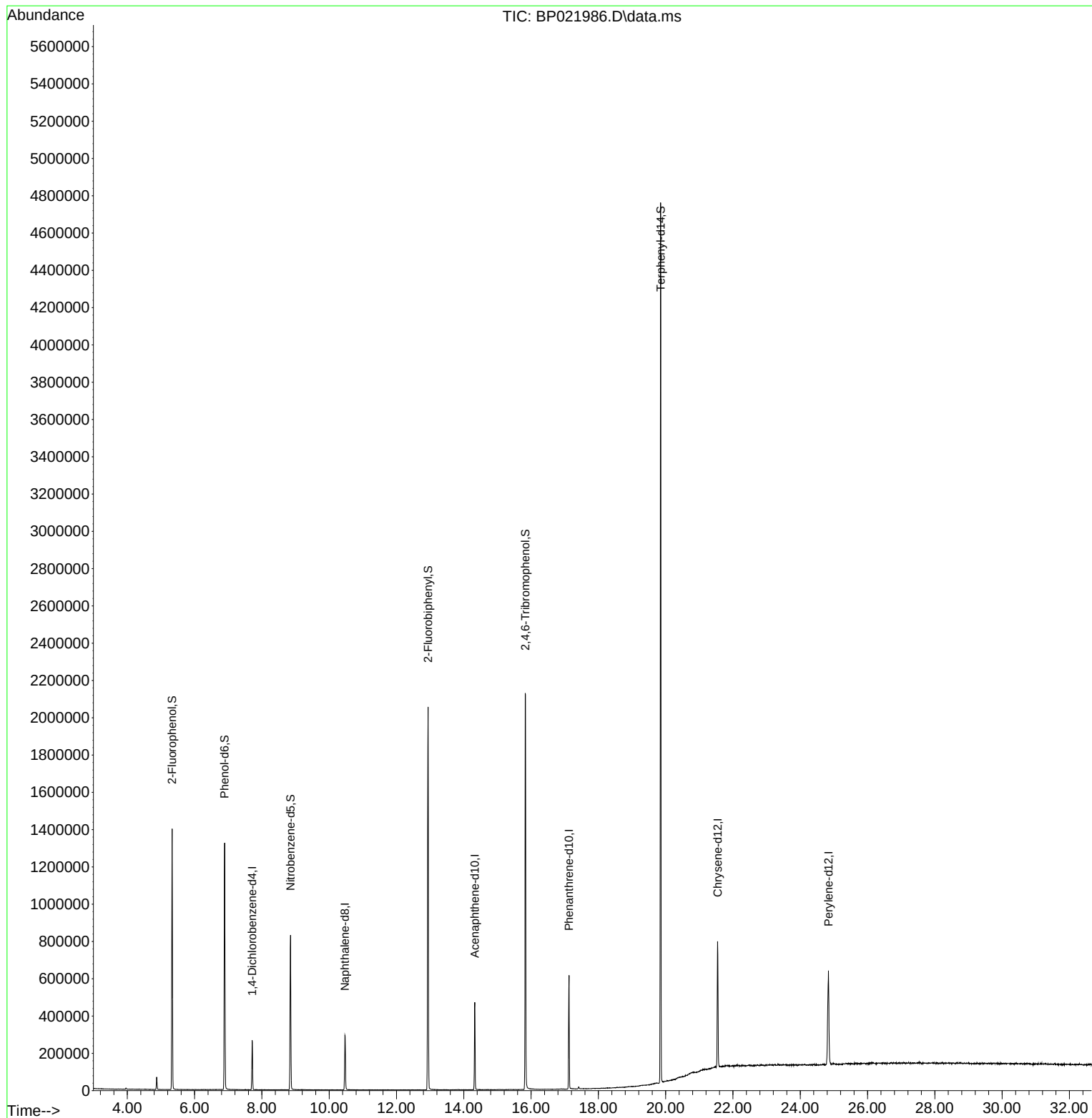
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|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

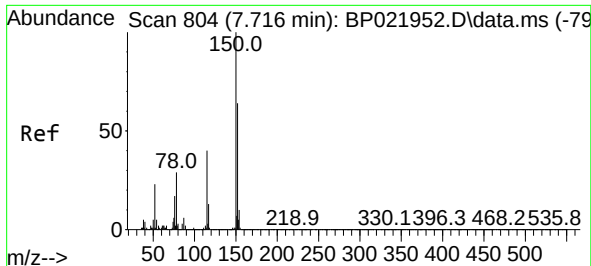
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092324\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091924.M  
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QLast Update : Fri Sep 20 01:22:00 2024  
Response via : Initial Calibration

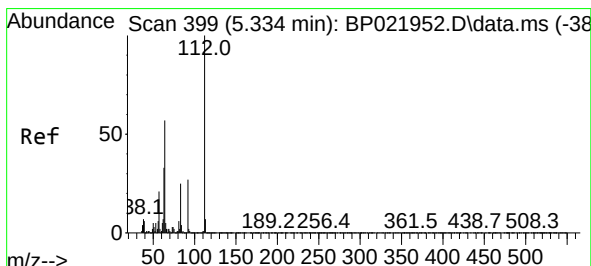
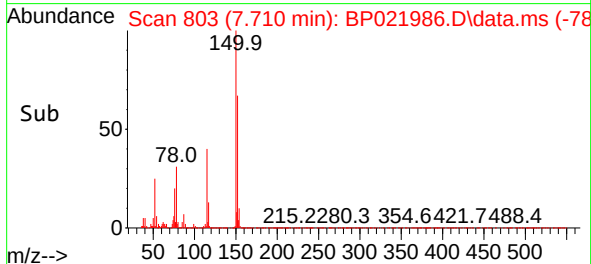
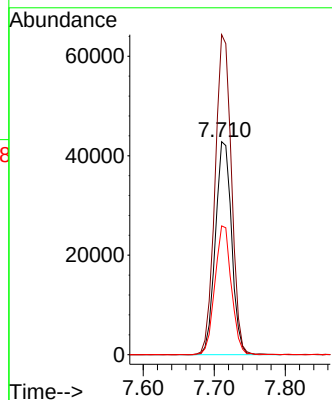
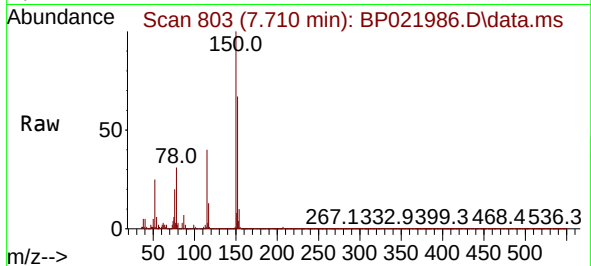




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.710 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BP021986.D  
Acq: 23 Sep 2024 17:30

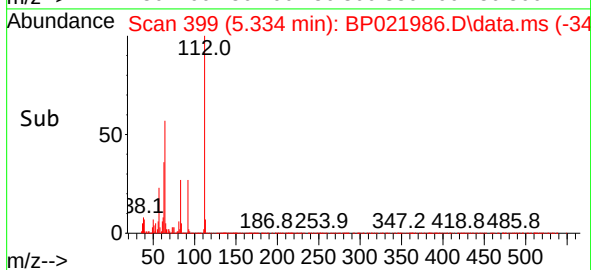
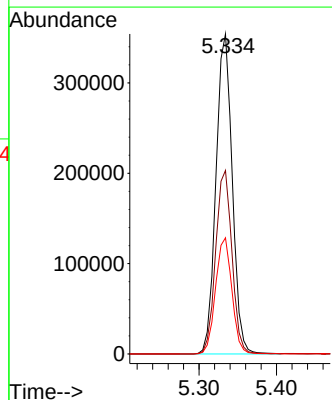
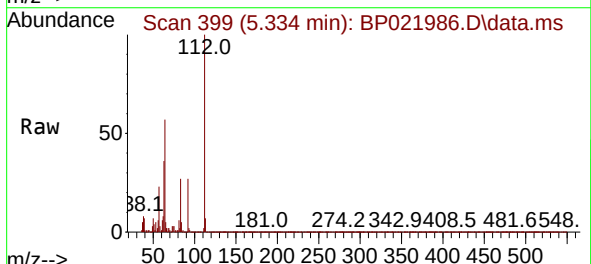
Instrument :  
BNA\_P  
ClientSampleId :  
PB163555BL

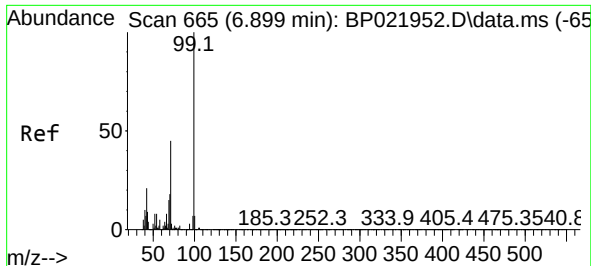
Tgt Ion:152 Resp: 67621  
Ion Ratio Lower Upper  
152 100  
150 150.3 124.2 186.2  
115 60.5 49.2 73.8



#5  
2-Fluorophenol  
Concen: 144.072 ng  
RT: 5.334 min Scan# 399  
Delta R.T. -0.000 min  
Lab File: BP021986.D  
Acq: 23 Sep 2024 17:30

Tgt Ion:112 Resp: 518407  
Ion Ratio Lower Upper  
112 100  
64 57.3 45.4 68.0  
63 36.3 26.6 39.8

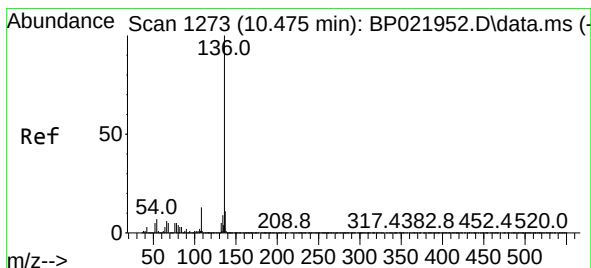
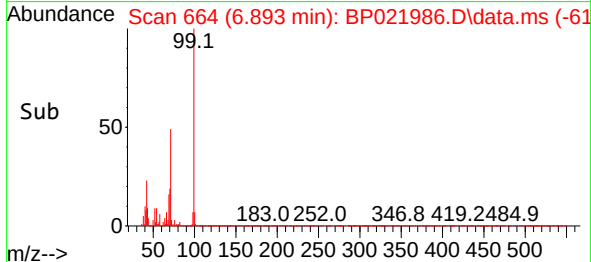
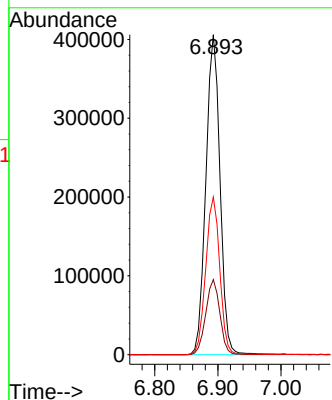
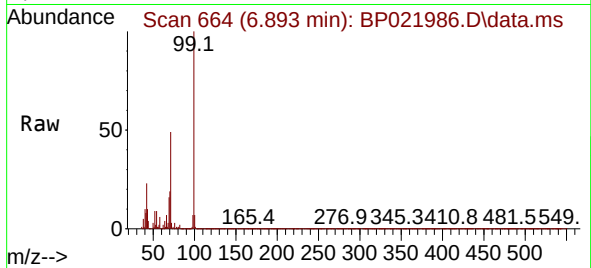




#7  
Phenol-d6  
Concen: 135.545 ng  
RT: 6.893 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP021986.D  
Acq: 23 Sep 2024 17:30

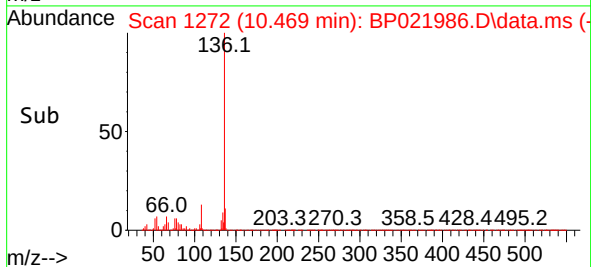
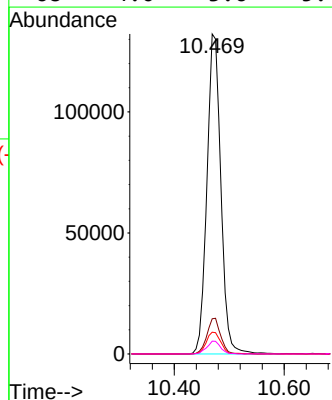
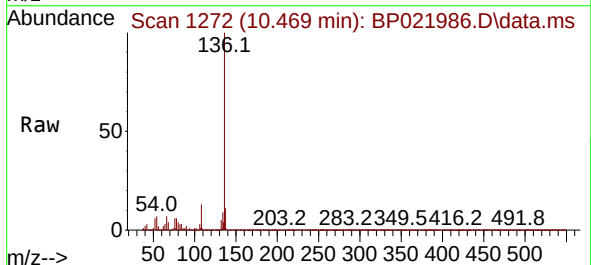
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BNA\_P  
ClientSampleId :  
PB163555BL

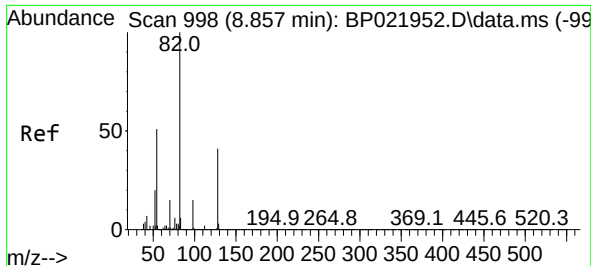
Tgt Ion: 99 Resp: 633155  
Ion Ratio Lower Upper  
99 100  
42 23.5 16.8 25.2  
71 49.3 35.8 53.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.469 min Scan# 1272  
Delta R.T. -0.006 min  
Lab File: BP021986.D  
Acq: 23 Sep 2024 17:30

Tgt Ion:136 Resp: 232473  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 6.8 5.5 8.3  
68 4.0 3.6 5.4

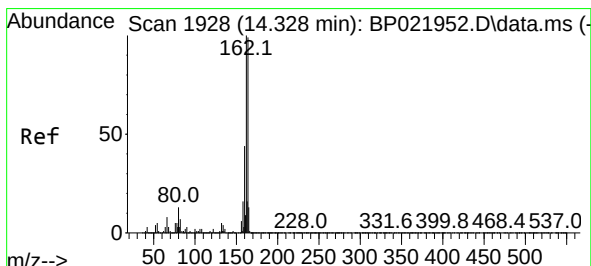
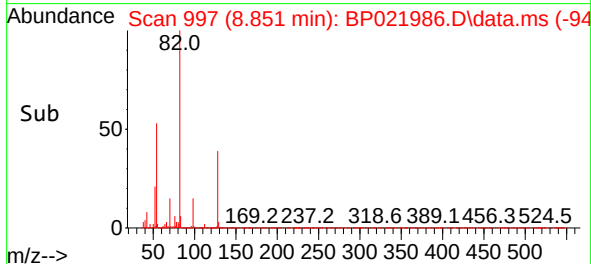
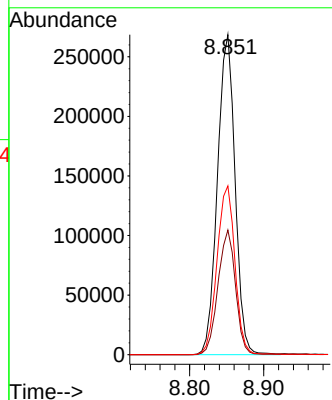
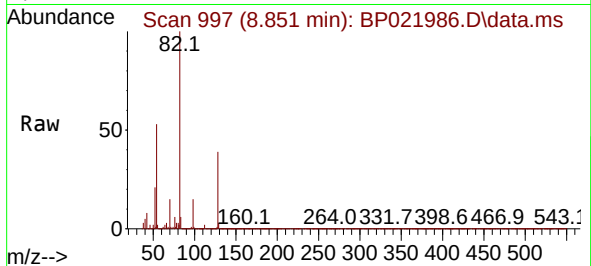




#23  
Nitrobenzene-d5  
Concen: 101.051 ng  
RT: 8.851 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: BP021986.D  
Acq: 23 Sep 2024 17:30

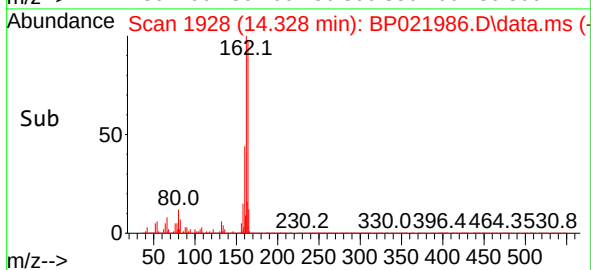
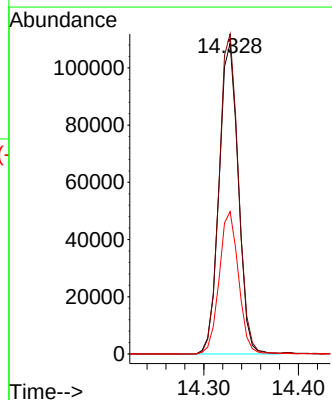
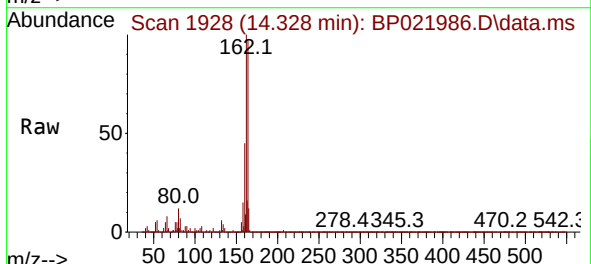
Instrument :  
BNA\_P  
ClientSampleId :  
PB163555BL

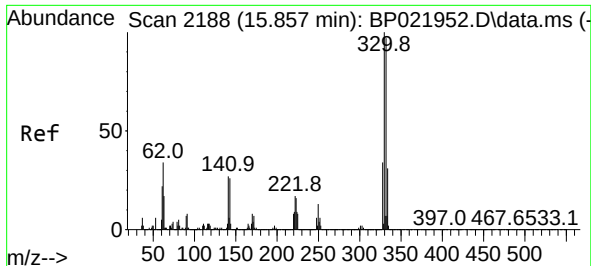
Tgt Ion: 82 Resp: 443963  
Ion Ratio Lower Upper  
82 100  
128 39.0 33.1 49.7  
54 52.8 40.3 60.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.328 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: BP021986.D  
Acq: 23 Sep 2024 17:30

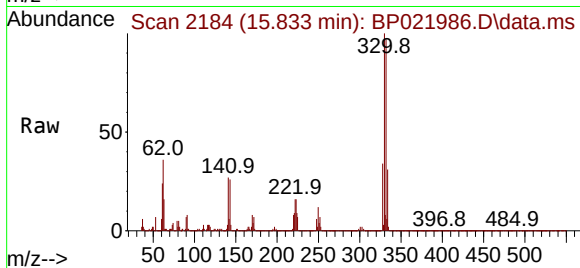
Tgt Ion:164 Resp: 153203  
Ion Ratio Lower Upper  
164 100  
162 103.0 81.2 121.8  
160 45.8 35.9 53.9



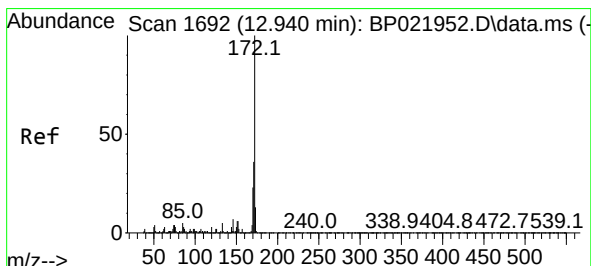
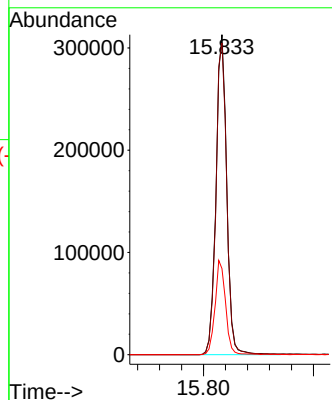
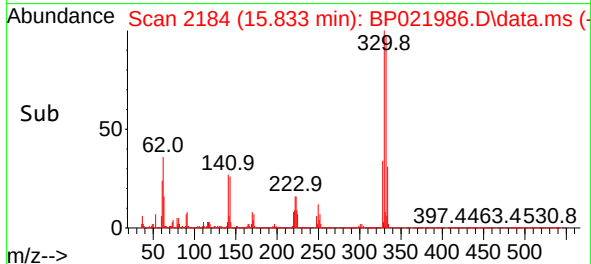


#42  
2,4,6-Tribromophenol  
Concen: 149.505 ng  
RT: 15.833 min Scan# 2184  
Delta R.T. -0.024 min  
Lab File: BP021986.D  
Acq: 23 Sep 2024 17:30

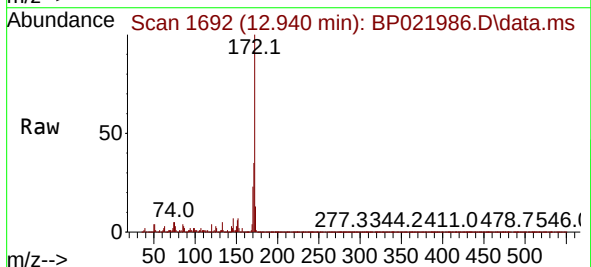
Instrument :  
BNA\_P  
ClientSampleId :  
PB163555BL



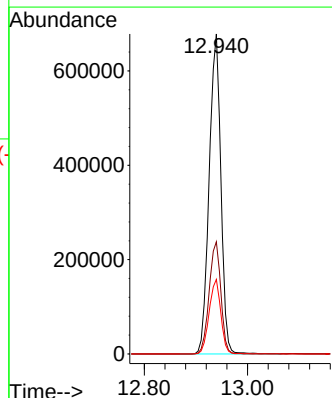
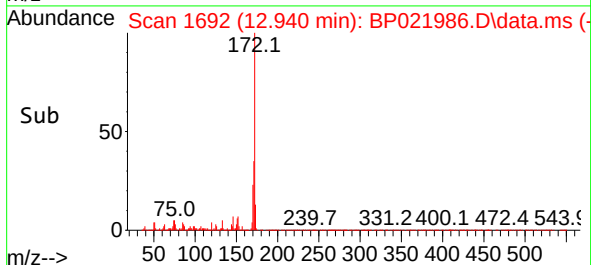
Tgt Ion:330 Resp: 424626  
Ion Ratio Lower Upper  
330 100  
332 98.3 77.5 116.3  
141 28.9 23.4 35.0

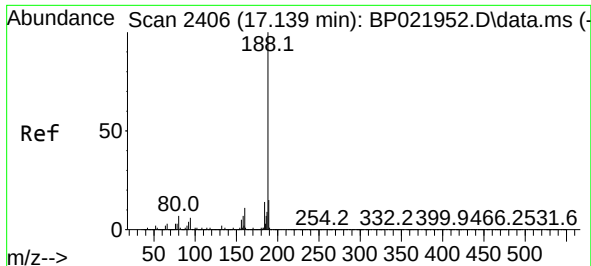


#45  
2-Fluorobiphenyl  
Concen: 101.422 ng  
RT: 12.940 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: BP021986.D  
Acq: 23 Sep 2024 17:30



Tgt Ion:172 Resp: 1064427  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.6 43.0  
170 23.3 18.8 28.2

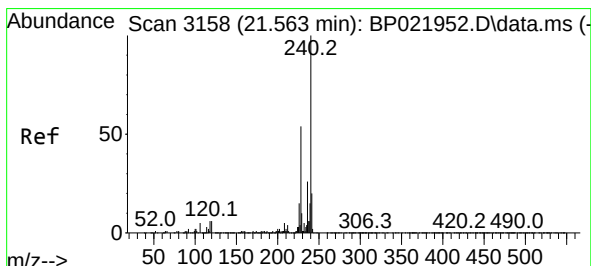
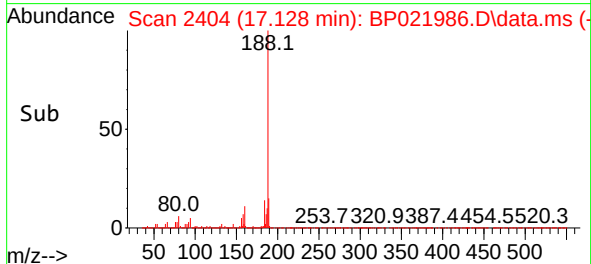
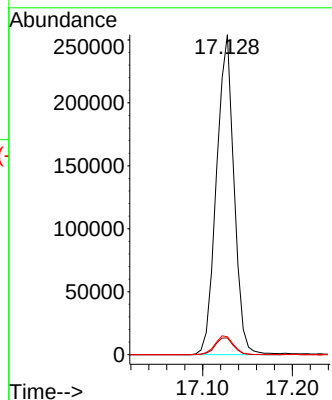
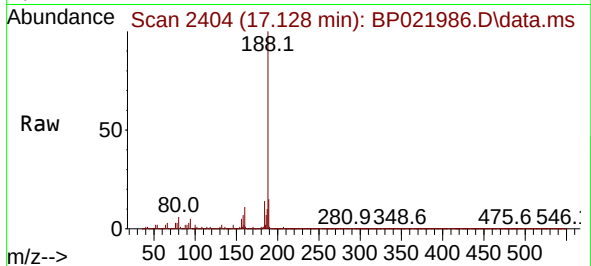




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.128 min Scan# 2404  
Delta R.T. -0.012 min  
Lab File: BP021986.D  
Acq: 23 Sep 2024 17:30

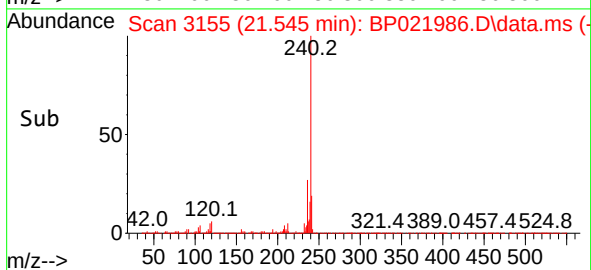
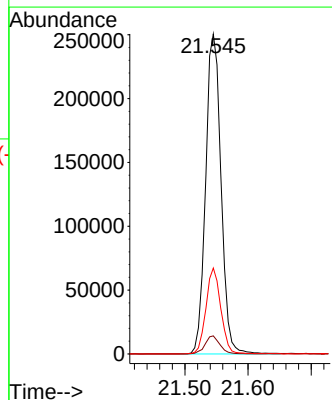
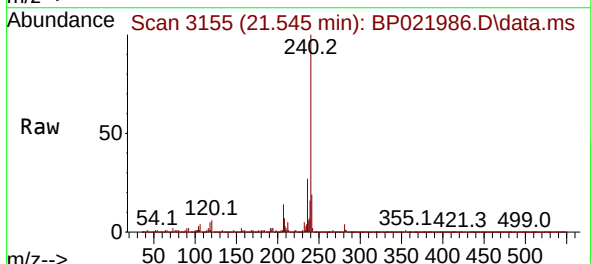
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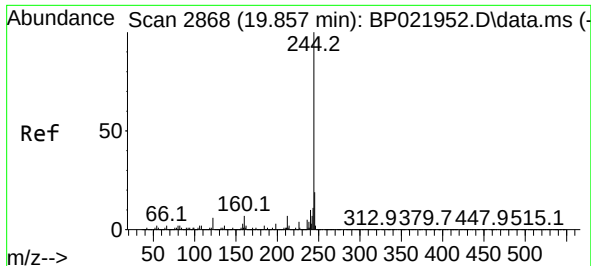
Tgt Ion:188 Resp: 344869  
Ion Ratio Lower Upper  
188 100  
94 5.2 4.6 6.8  
80 5.6 5.4 8.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.545 min Scan# 3155  
Delta R.T. -0.018 min  
Lab File: BP021986.D  
Acq: 23 Sep 2024 17:30

Tgt Ion:240 Resp: 424187  
Ion Ratio Lower Upper  
240 100  
120 5.6 5.1 7.7  
236 26.9 20.7 31.1



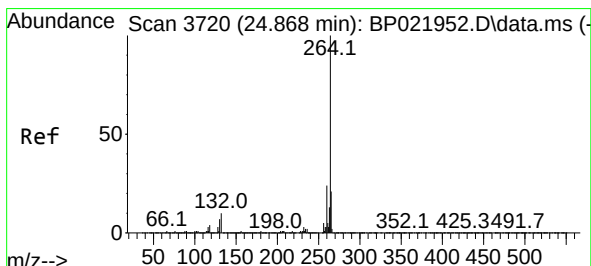
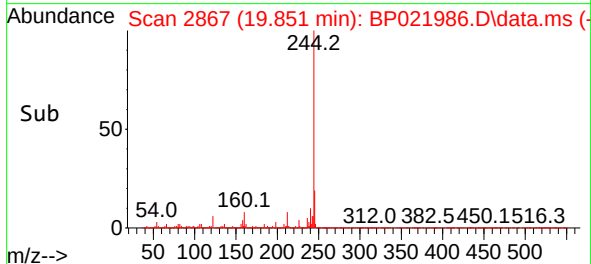
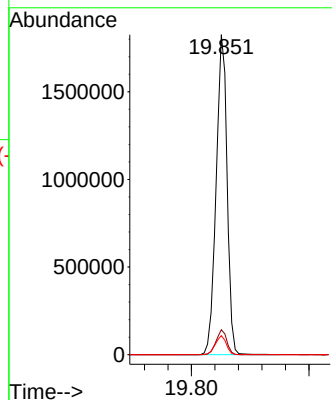
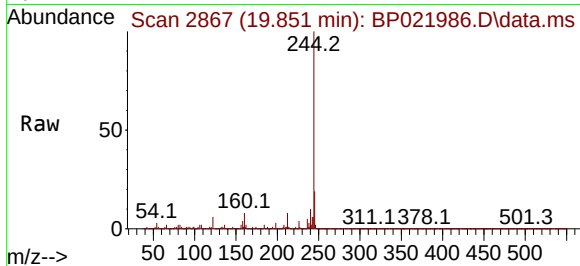


#79  
 Terphenyl-d14  
 Concen: 104.178 ng  
 RT: 19.851 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP021986.D  
 Acq: 23 Sep 2024 17:30

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB163555BL

Tgt Ion:244 Resp: 2352488  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.8   | 6.0   | 9.0   |
| 122 | 6.0   | 5.0   | 7.4   |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.839 min Scan# 3715  
 Delta R.T. -0.029 min  
 Lab File: BP021986.D  
 Acq: 23 Sep 2024 17:30

Tgt Ion:264 Resp: 535932  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 18.9  | 28.3  |
| 265 | 21.7  | 17.5  | 26.3  |

