

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040522\  
 Data File : BP009696.D  
 Acq On : 05 Apr 2022 13:54  
 Operator : CG/JU  
 Sample : N2249-03DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-2DDL

Quant Time: Apr 05 15:05:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 05 13:35:48 2022  
 Response via : Initial Calibration

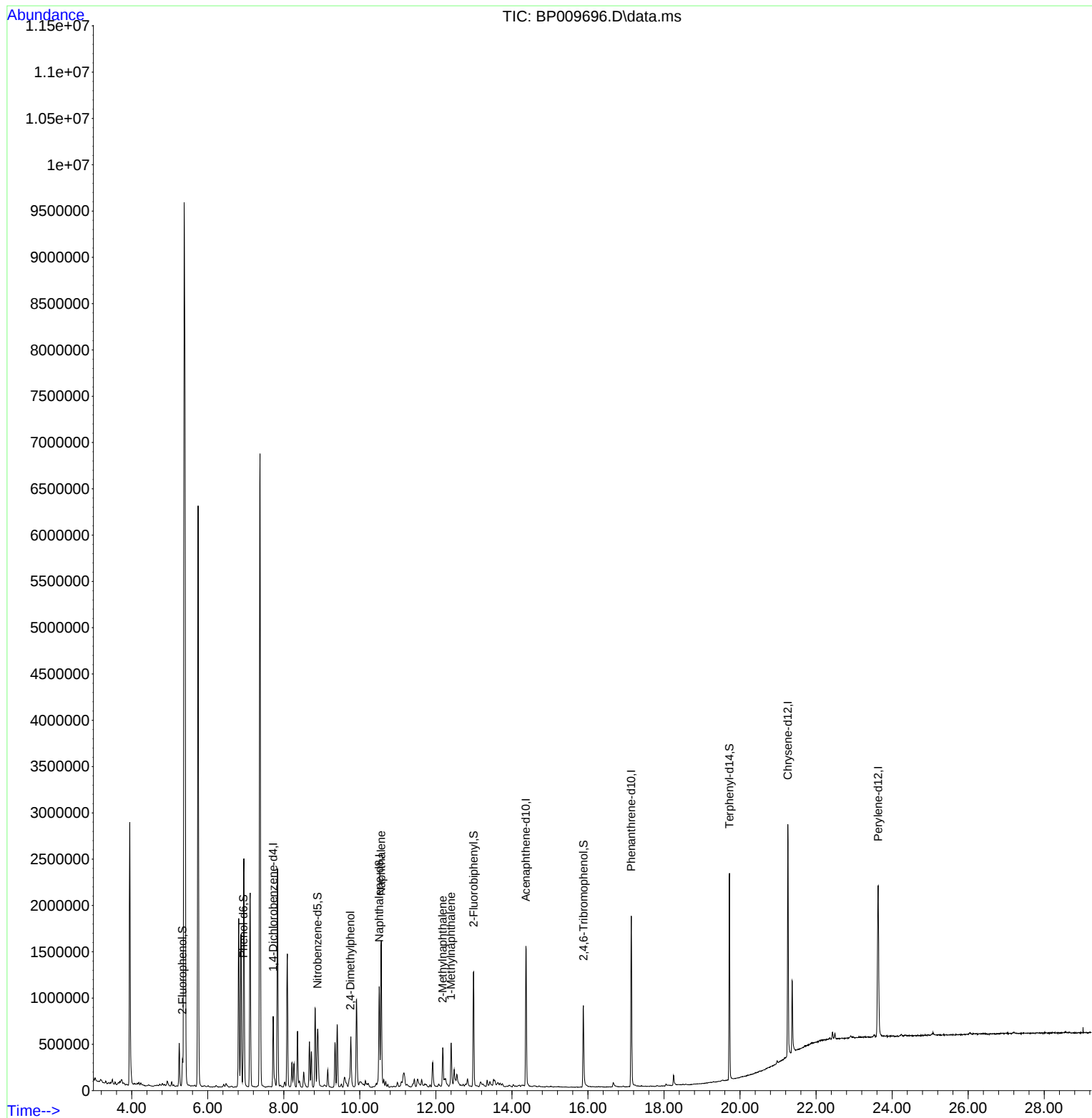
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.722  | 152  | 232099   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.510 | 136  | 929647   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.369 | 164  | 597350   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.139 | 188  | 1278791  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.257 | 240  | 1398552  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.633 | 264  | 1467624  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.334  | 112  | 180652   | 13.589 | ng    | 0.00     |
| 7) Phenol-d6                | 6.934  | 99   | 123633   | 6.877  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 8.887  | 82   | 307886   | 17.599 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.881 | 330  | 218364   | 22.153 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.992 | 172  | 765878   | 17.774 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.721 | 244  | 1210076  | 15.530 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 27) 2,4-Dimethylphenol      | 9.751  | 122  | 65935    | 5.424  | ng    | Qvalue   |
| 31) Naphthalene             | 10.563 | 128  | 1379167  | 28.801 | ng    | # 93     |
| 37) 2-Methylnaphthalene     | 12.181 | 142  | 227177   | 6.761  | ng    | 99       |
| 38) 1-Methylnaphthalene     | 12.398 | 142  | 218666   | 6.681  | ng    | 99       |
| -----                       |        |      |          |        |       |          |

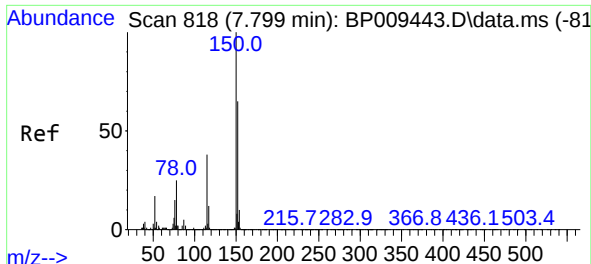
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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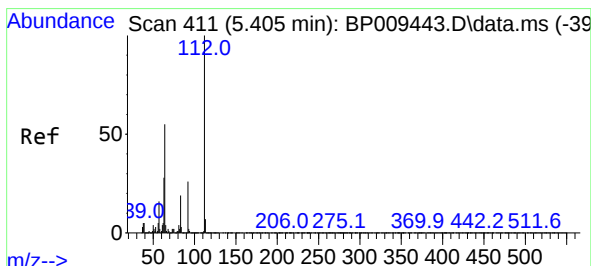
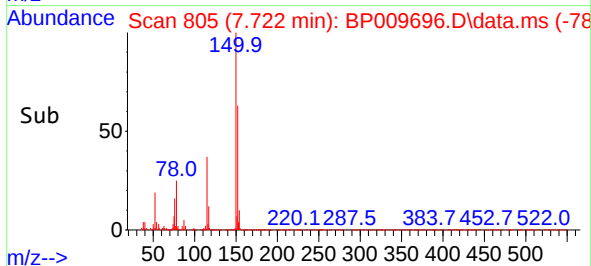
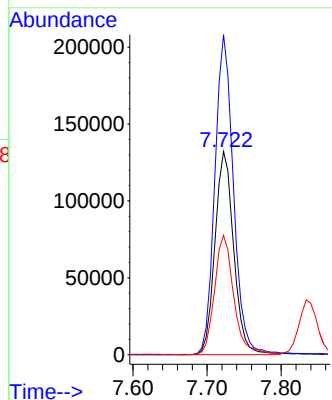
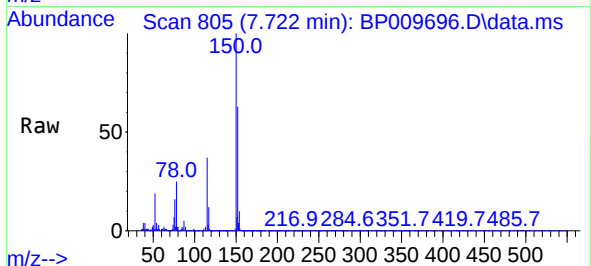




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.722 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

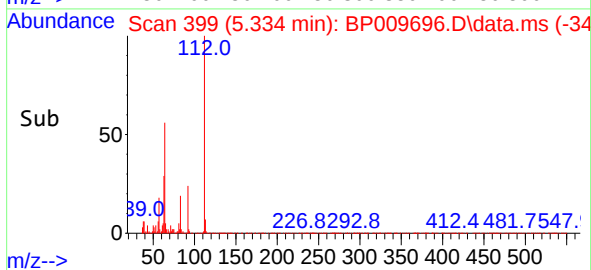
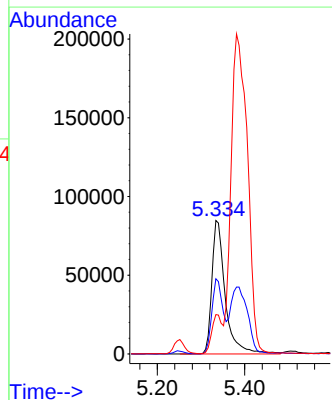
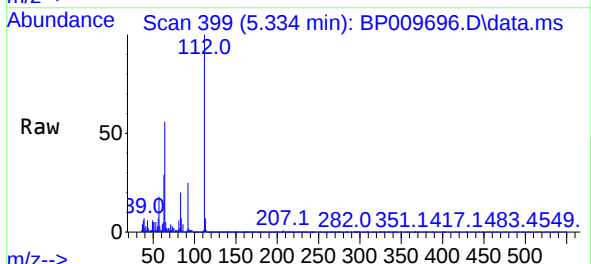
Instrument :  
BNA\_P  
ClientSampleId :  
MW-2DDL

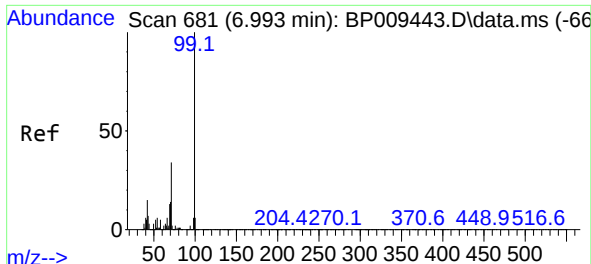
Tgt Ion:152 Resp: 232099  
Ion Ratio Lower Upper  
152 100  
150 157.5 124.5 186.7  
115 58.7 48.2 72.4



#5  
2-Fluorophenol  
Concen: 13.589 ng  
RT: 5.334 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

Tgt Ion:112 Resp: 180652  
Ion Ratio Lower Upper  
112 100  
64 56.3 45.0 67.4  
63 29.5 23.0 34.6





Phenol-d6

Concen: 6.877 ng

RT: 6.934 min Scan# 61

Delta R.T. 0.018 min

Lab File: BP009696.D

Acq: 05 Apr 2022 13:54

Instrument :

BNA\_P

ClientSampleId :

MW-2DDL

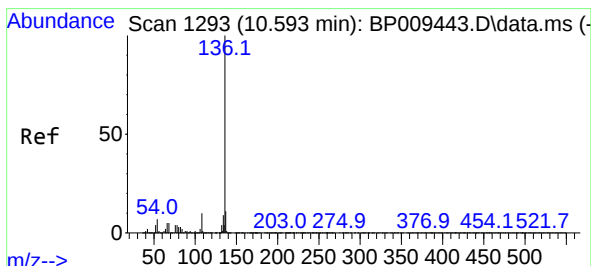
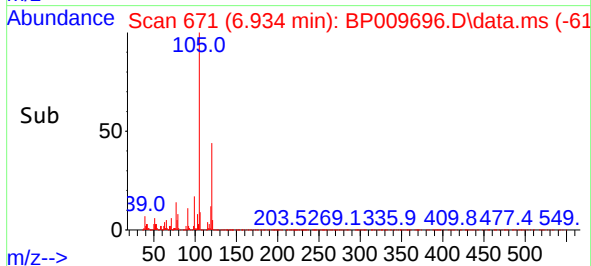
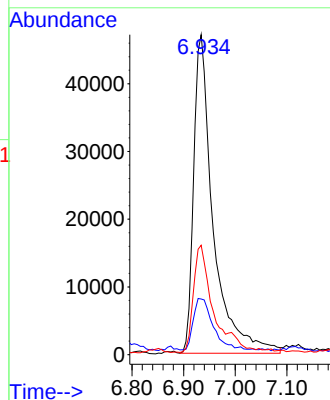
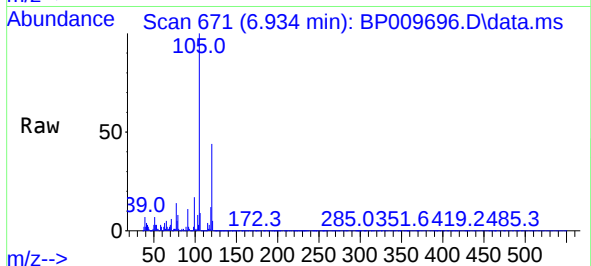
Tgt Ion: 99 Resp: 123633

Ion Ratio Lower Upper

99 100

42 17.4 12.8 19.2

71 34.2 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.510 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BP009696.D

Acq: 05 Apr 2022 13:54

Tgt Ion:136 Resp: 929647

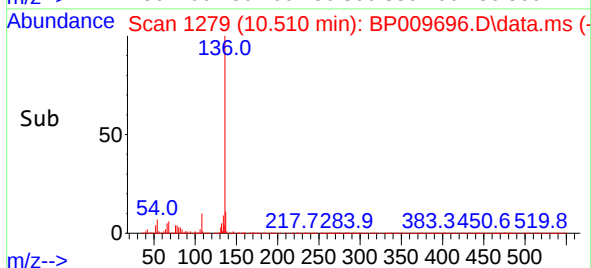
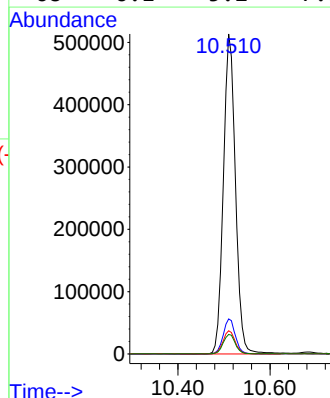
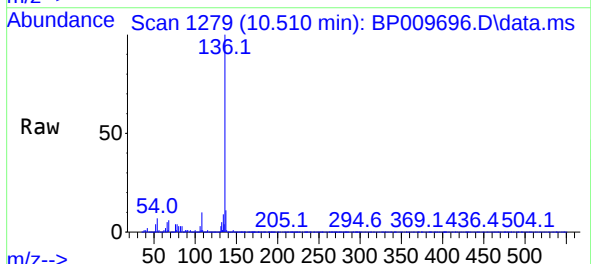
Ion Ratio Lower Upper

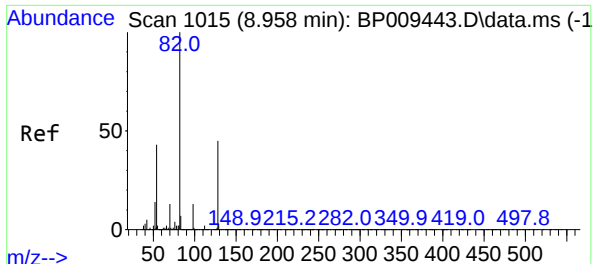
136 100

137 11.0 8.6 12.8

54 7.2 5.8 8.8

68 6.1 5.2 7.8

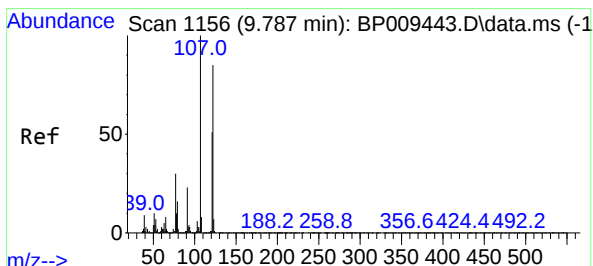
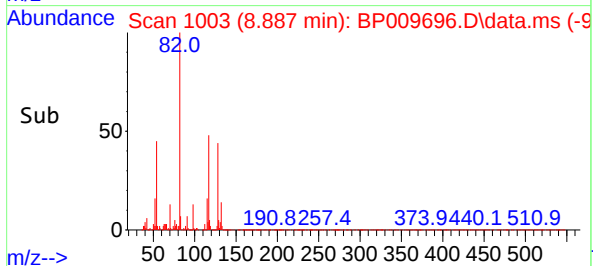
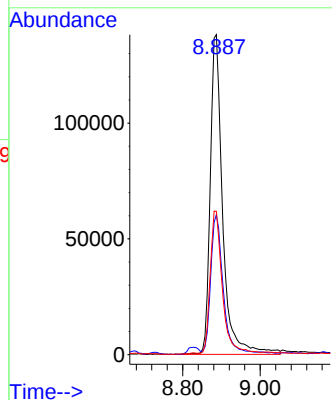
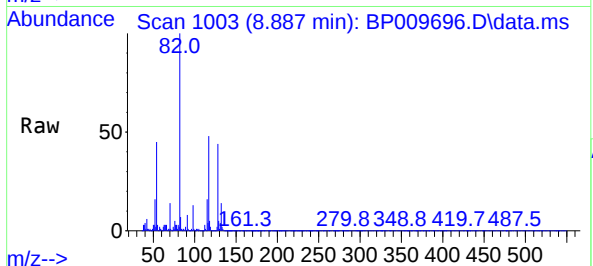




#23  
Nitrobenzene-d5  
Concen: 17.599 ng  
RT: 8.887 min Scan# 1015  
Delta R.T. -0.000 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

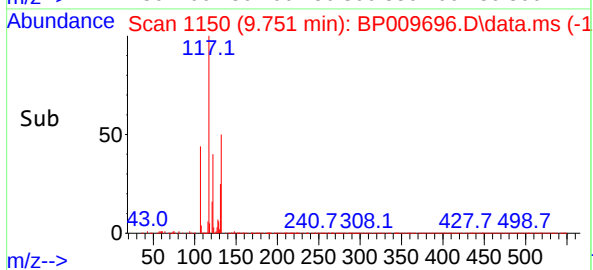
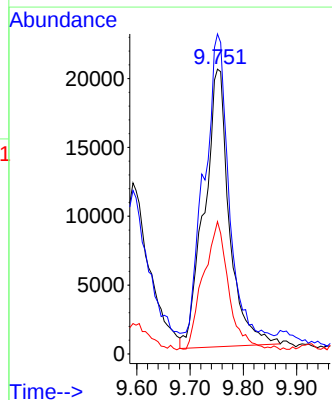
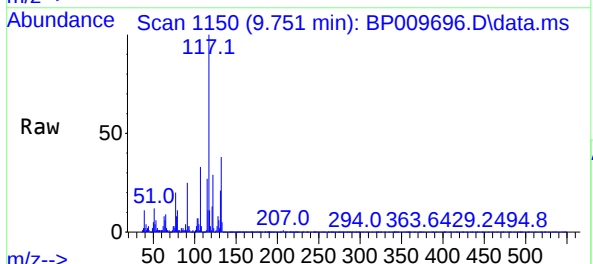
Instrument :  
BNA\_P  
ClientSampleId :  
MW-2DDL

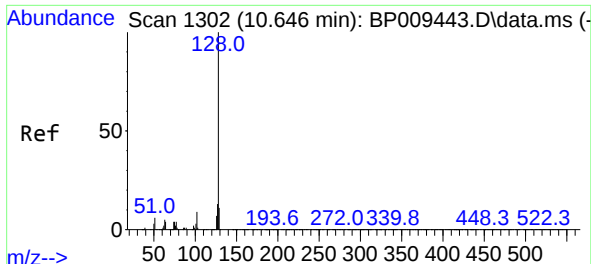
Tgt Ion: 82 Resp: 307886  
Ion Ratio Lower Upper  
82 100  
128 43.8 34.2 51.4  
54 44.8 34.7 52.1



#27  
2,4-Dimethylphenol  
Concen: 5.424 ng  
RT: 9.751 min Scan# 1150  
Delta R.T. 0.041 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

Tgt Ion: 122 Resp: 65935  
Ion Ratio Lower Upper  
122 100  
107 112.3 92.6 138.8  
121 46.5 46.7 70.1#

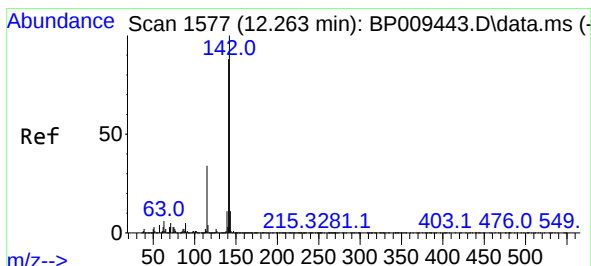
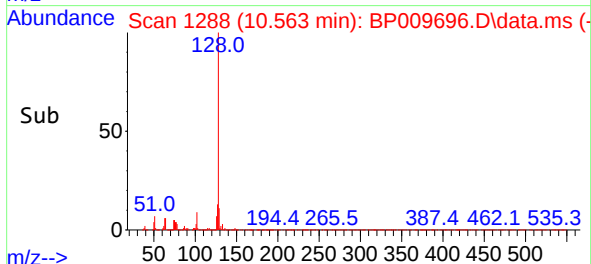
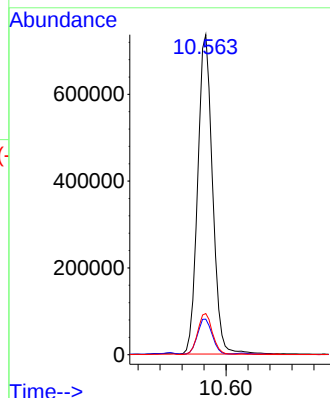
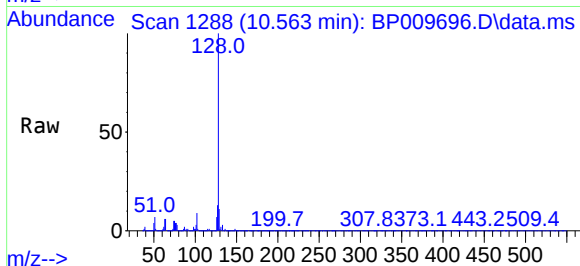




#31  
Naphthalene  
Concen: 28.801 ng  
RT: 10.563 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

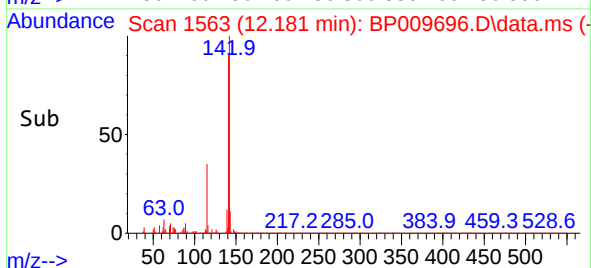
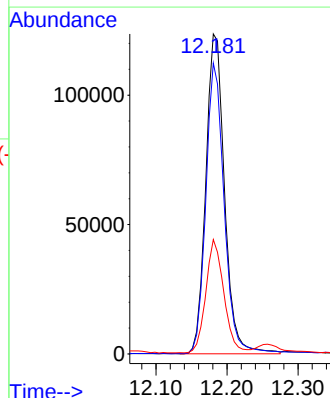
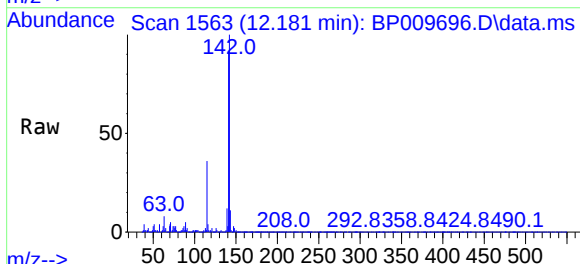
Instrument :  
BNA\_P  
ClientSampleId :  
MW-2DDL

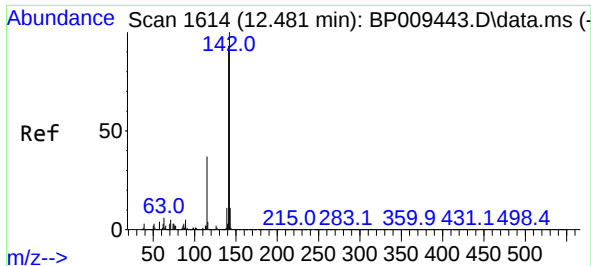
Tgt Ion:128 Resp: 1379167  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 13.0  
127 12.8 10.5 15.7



#37  
2-Methylnaphthalene  
Concen: 6.761 ng  
RT: 12.181 min Scan# 1563  
Delta R.T. -0.006 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

Tgt Ion:142 Resp: 227177  
Ion Ratio Lower Upper  
142 100  
141 90.9 70.2 105.4  
115 35.7 27.4 41.2

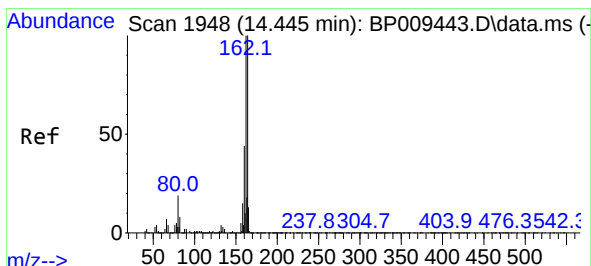
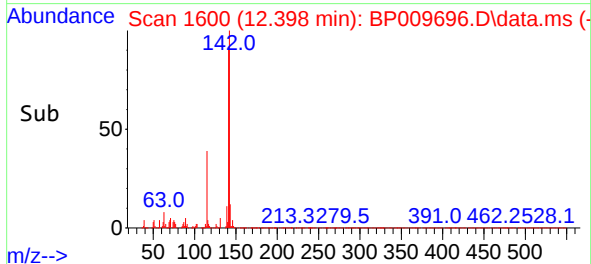
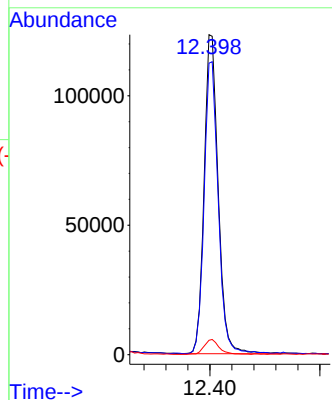
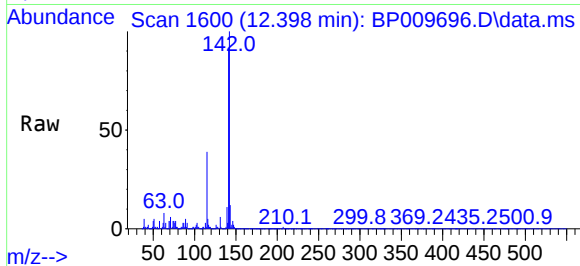




#38  
1-Methylnaphthalene  
Concen: 6.681 ng  
RT: 12.398 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

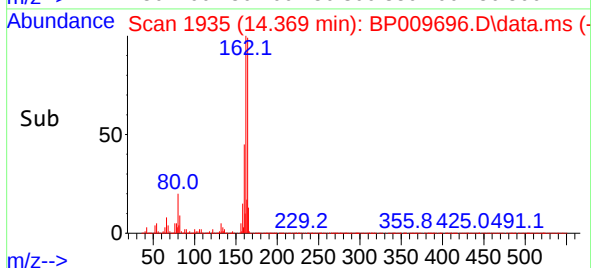
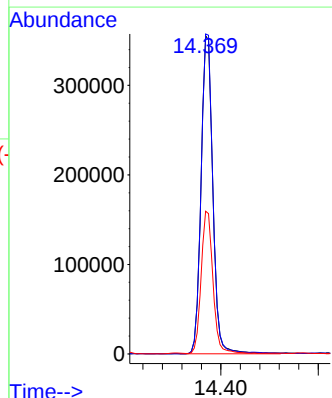
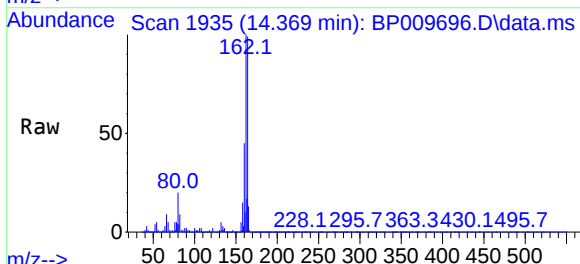
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ClientSampleId :  
MW-2DDL

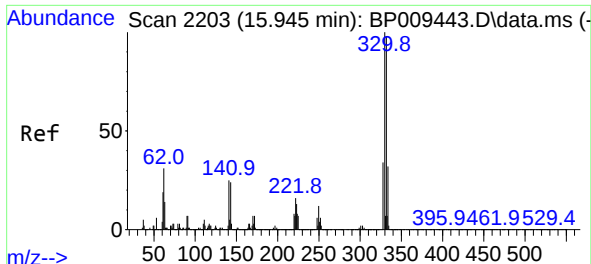
Tgt Ion:142 Resp: 218666  
Ion Ratio Lower Upper  
142 100  
141 91.1 73.5 110.3  
116 4.5 3.3 4.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.369 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

Tgt Ion:164 Resp: 597350  
Ion Ratio Lower Upper  
164 100  
162 100.6 79.1 118.7  
160 44.9 34.9 52.3

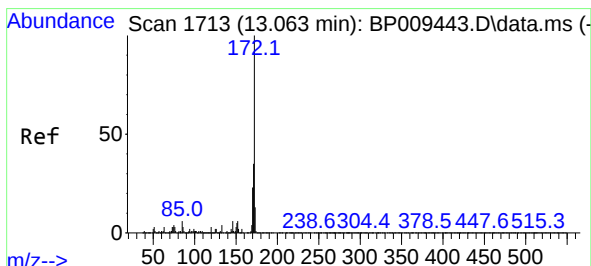
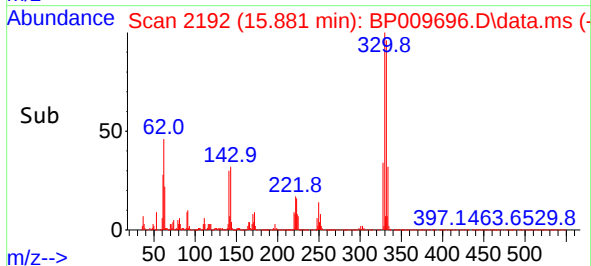
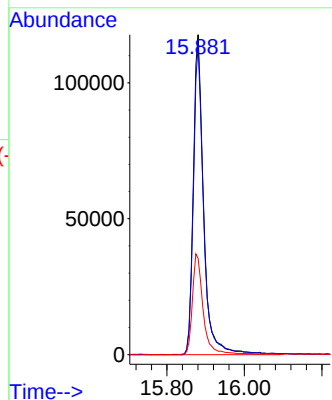
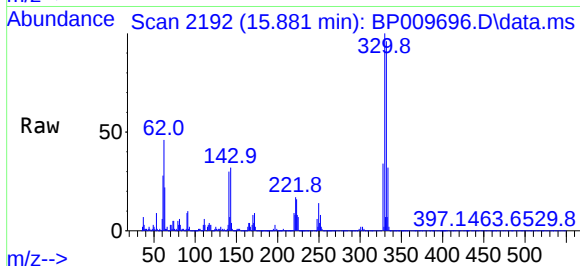




#42  
2,4,6-Tribromophenol  
Concen: 22.153 ng  
RT: 15.881 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

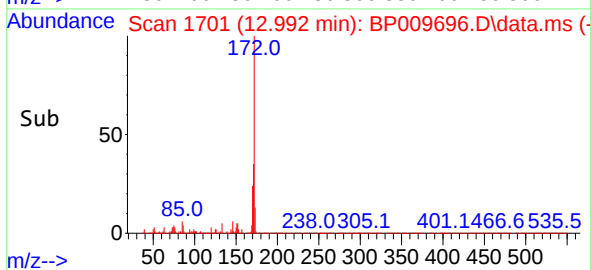
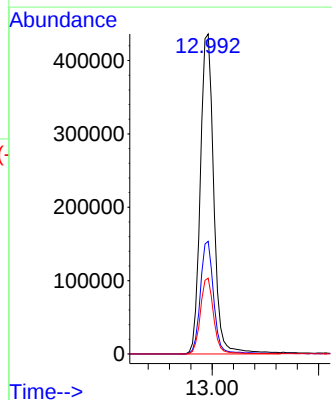
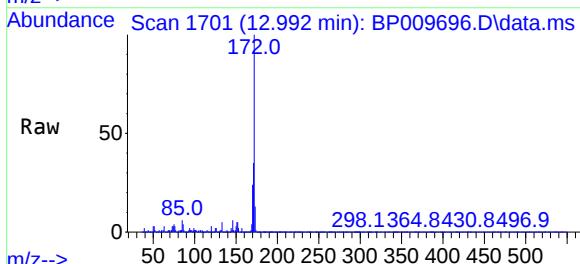
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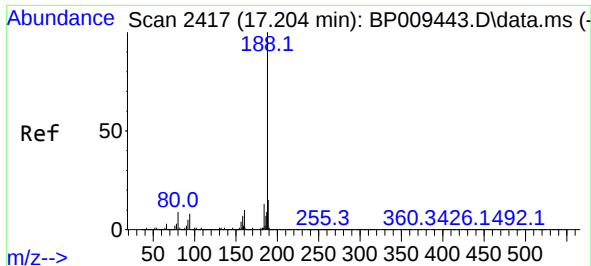
Tgt Ion:330 Resp: 218364  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.0 115.6  
141 32.6 27.6 41.4



#45  
2-Fluorobiphenyl  
Concen: 17.774 ng  
RT: 12.992 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

Tgt Ion:172 Resp: 765878  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.0 42.0  
170 23.7 18.6 27.8

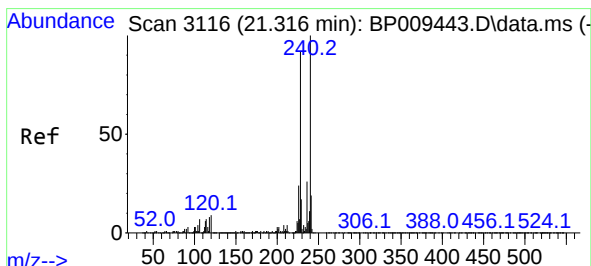
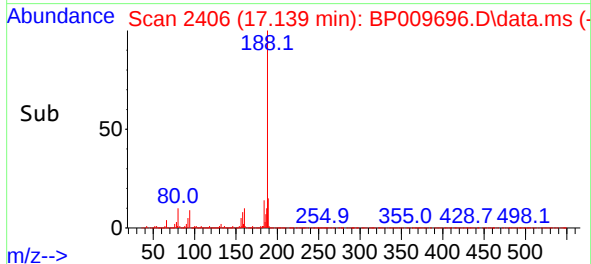
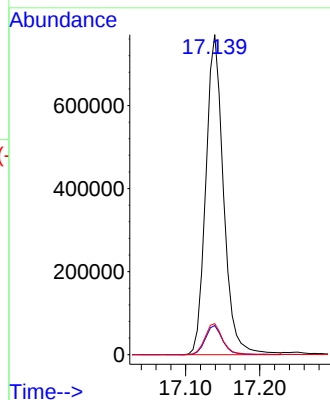
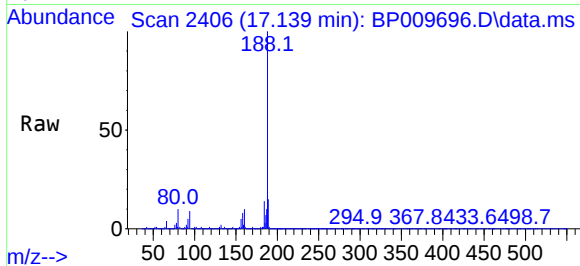




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.139 min Scan# 2417  
Delta R.T. -0.000 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

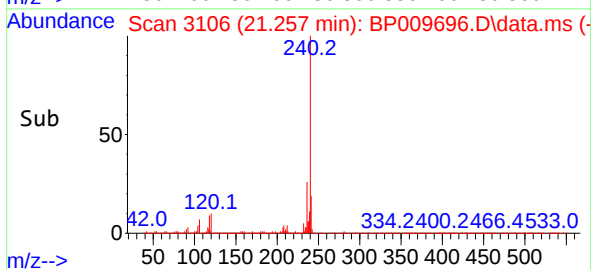
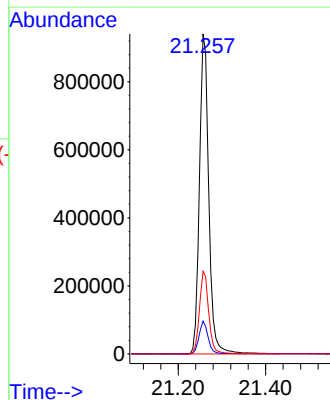
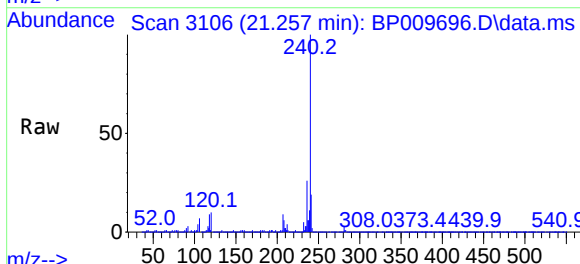
Instrument :  
BNA\_P  
ClientSampleId :  
MW-2DDL

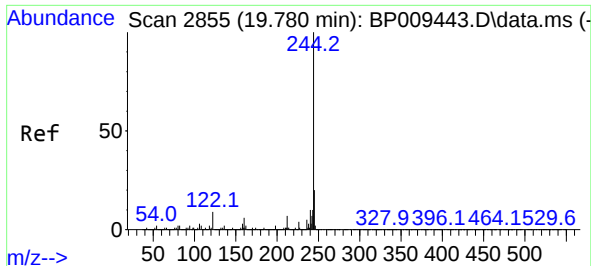
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Ion Ratio Lower Upper  
188 100  
94 9.1 7.9 11.9  
80 9.7 8.8 13.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.257 min Scan# 3106  
Delta R.T. -0.000 min  
Lab File: BP009696.D  
Acq: 05 Apr 2022 13:54

Tgt Ion:240 Resp: 1398552  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.0 13.4  
236 25.8 20.6 30.8



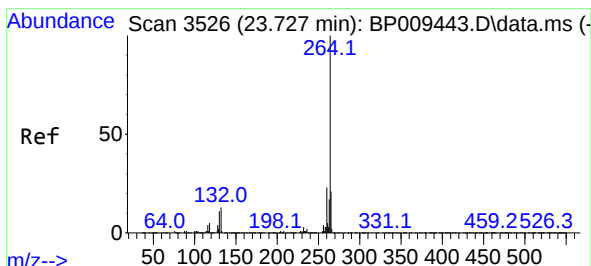
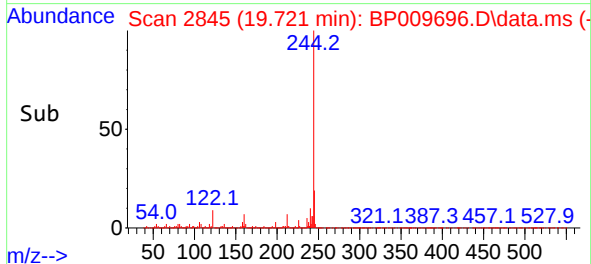
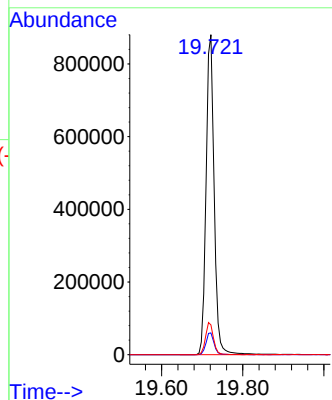
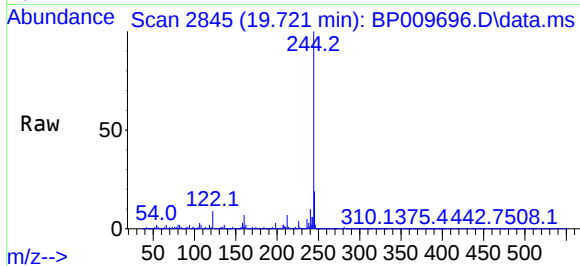


#79  
 Terphenyl-d14  
 Concen: 15.530 ng  
 RT: 19.721 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BP009696.D  
 Acq: 05 Apr 2022 13:54

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-2DDL

Tgt Ion:244 Resp: 1210076

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.8   | 5.8   | 8.6   |
| 122 | 9.3   | 8.3   | 12.5  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.633 min Scan# 3510  
 Delta R.T. 0.006 min  
 Lab File: BP009696.D  
 Acq: 05 Apr 2022 13:54

Tgt Ion:264 Resp: 1467624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 19.4  | 29.0  |
| 265 | 21.5  | 17.2  | 25.8  |

