

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
 Data File : BP006709.D  
 Acq On : 17 Aug 2021 09:48  
 Operator : CG/JU  
 Sample : PB138424BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB138424BL

Quant Time: Aug 17 11:31:45 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 16 18:17:59 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.705  | 152  | 164443   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.487 | 136  | 687193   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.345 | 164  | 379142   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.104 | 188  | 764287   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.210 | 240  | 775881   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.521 | 264  | 815385   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.305  | 112  | 1467942  | 137.110 | ng    | 0.00     |
| 7) Phenol-d6                | 6.887  | 99   | 1844144  | 121.257 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.863  | 82   | 1260422  | 84.660  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.845 | 330  | 537885   | 135.746 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.969 | 172  | 2166343  | 85.486  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.686 | 244  | 3427239  | 88.512  | ng    | 0.00     |

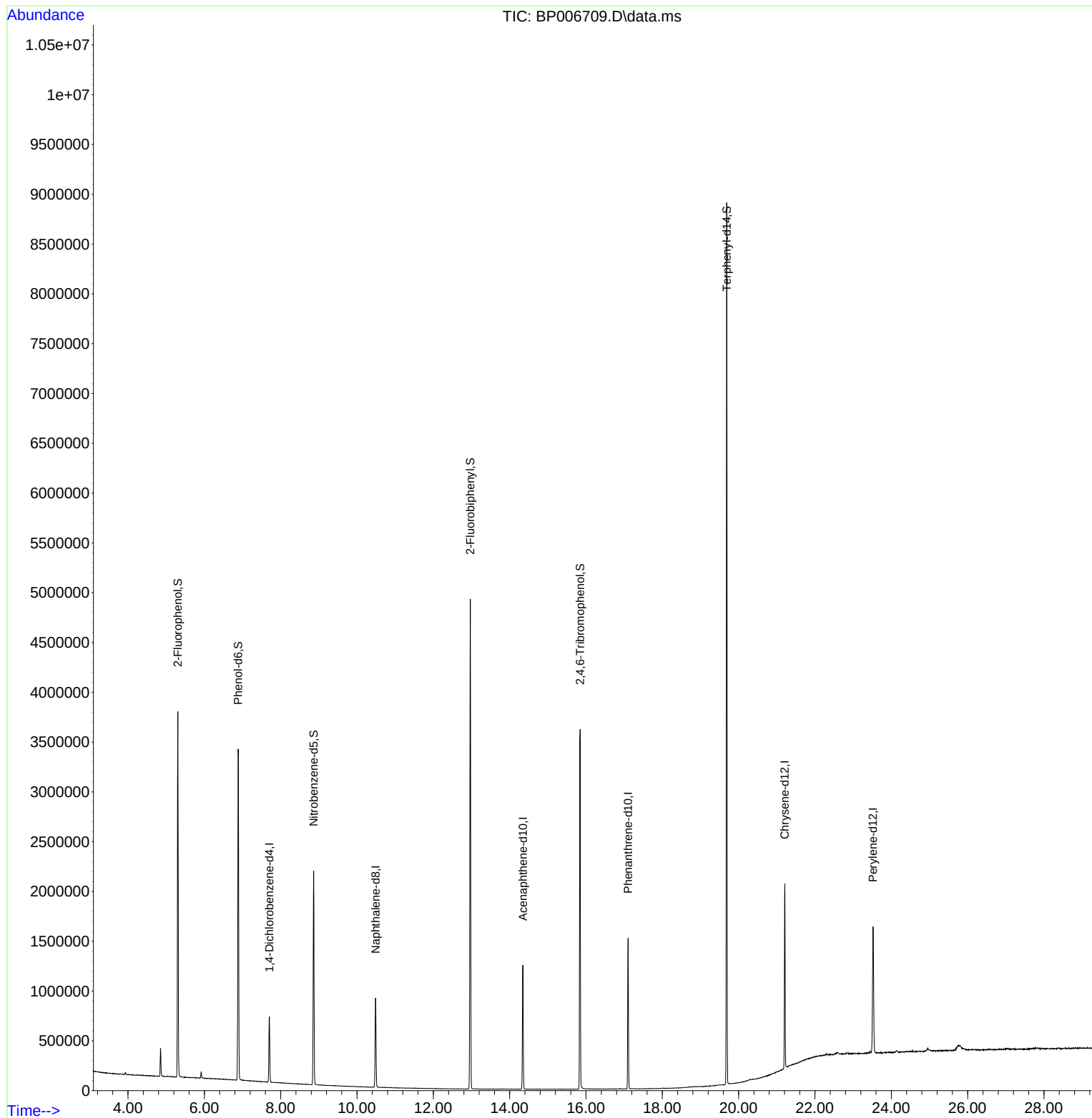
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

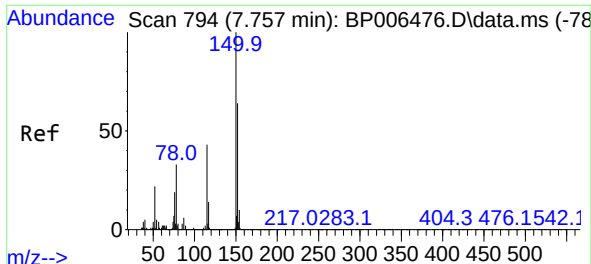
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 16 18:17:59 2021  
Response via : Initial Calibration

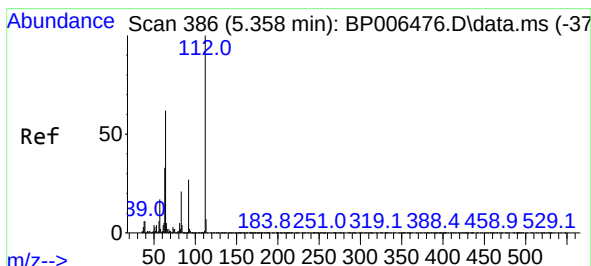
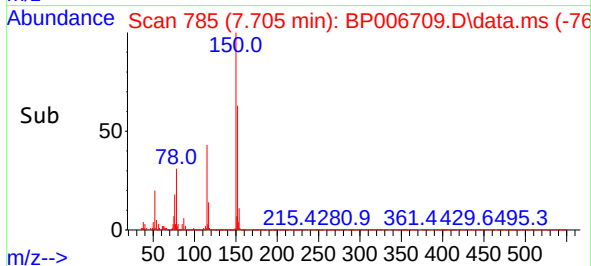
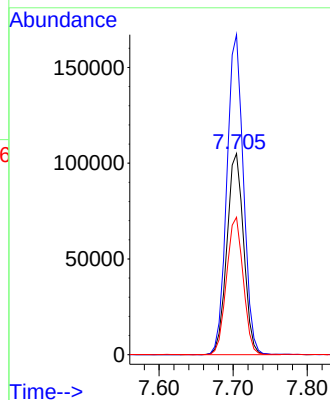
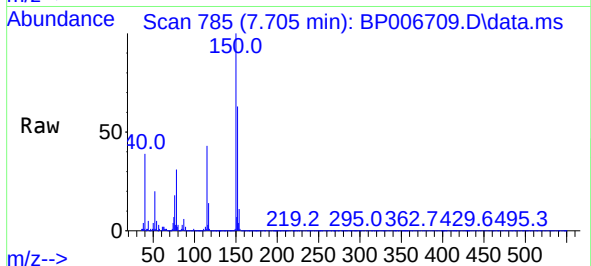




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.705 min Scan# 785  
Delta R.T. -0.000 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

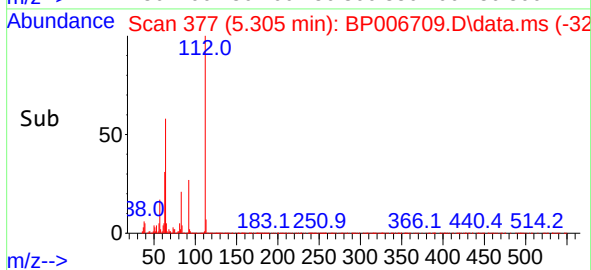
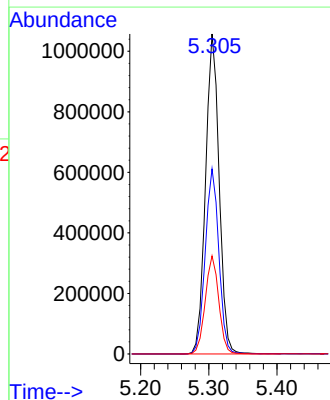
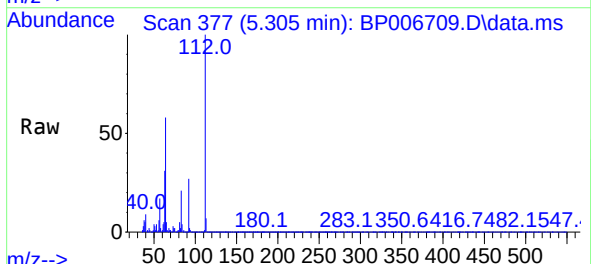
Instrument :  
BNA\_P  
ClientSampleId :  
PB138424BL

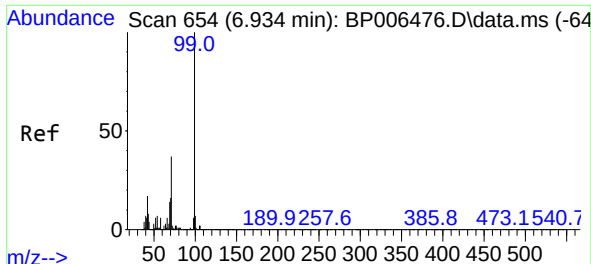
Tgt Ion:152 Resp: 164443  
Ion Ratio Lower Upper  
152 100  
150 159.1 125.6 188.4  
115 68.3 48.5 72.7



#5  
2-Fluorophenol  
Concen: 137.110 ng  
RT: 5.305 min Scan# 377  
Delta R.T. 0.000 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

Tgt Ion:112 Resp: 1467942  
Ion Ratio Lower Upper  
112 100  
64 57.9 41.4 62.2  
63 30.6 23.8 35.8



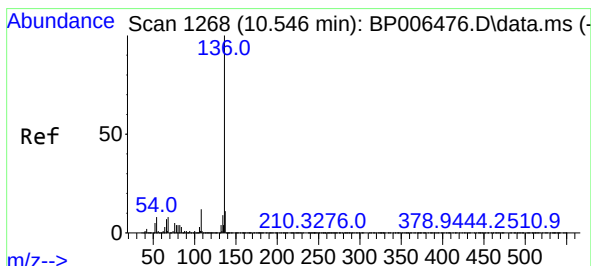
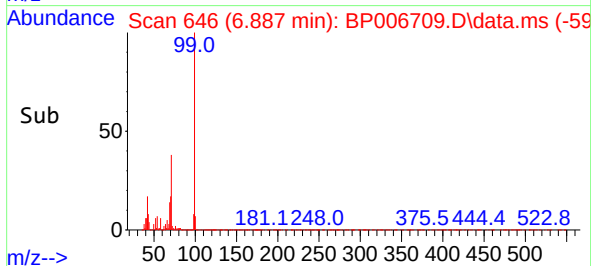
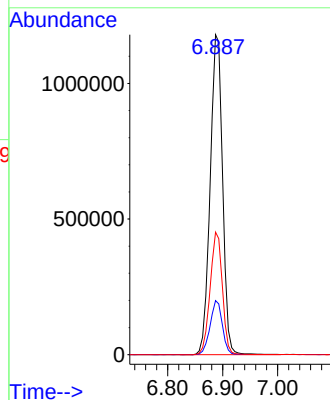
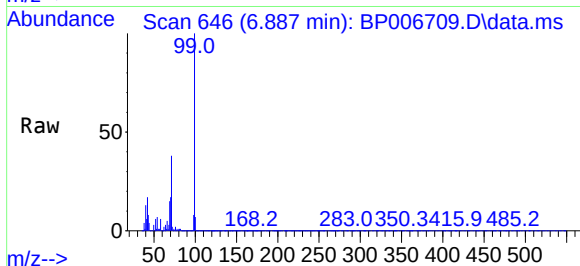


#7  
Phenol-d6  
Concen: 121.257 ng  
RT: 6.887 min Scan# 646  
Delta R.T. 0.000 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

Instrument :  
BNA\_P  
ClientSampleId :  
PB138424BL

Tgt Ion: 99 Resp: 1844144

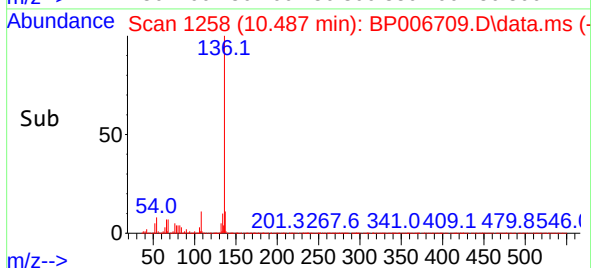
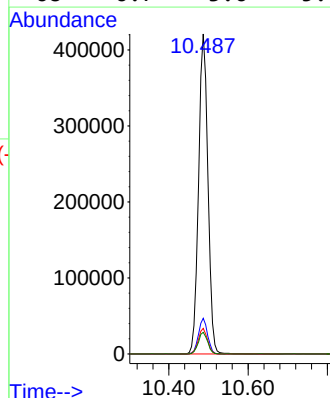
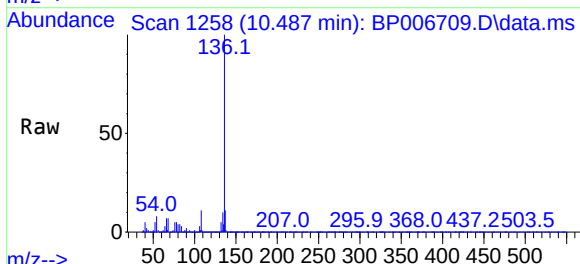
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.9  | 13.4  | 20.0  |
| 71  | 38.3  | 30.6  | 46.0  |

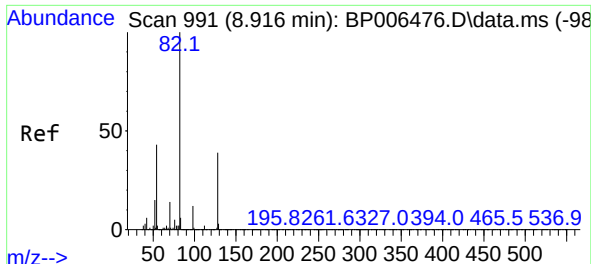


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.487 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

Tgt Ion: 136 Resp: 687193

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.6   | 12.8  |
| 54  | 8.0   | 4.6   | 6.8#  |
| 68  | 6.7   | 3.6   | 5.4#  |



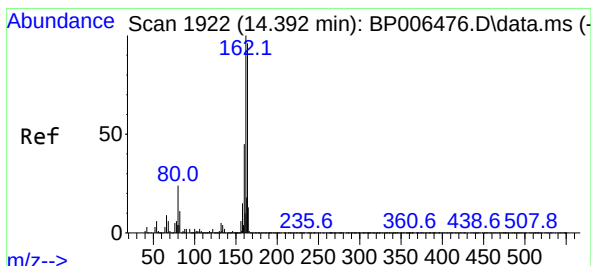
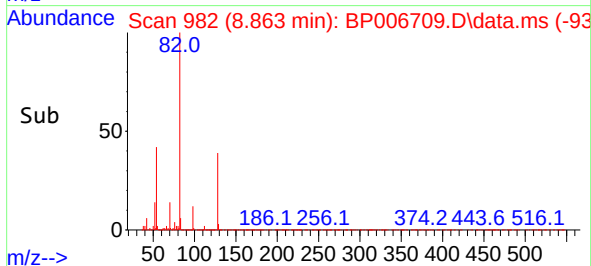
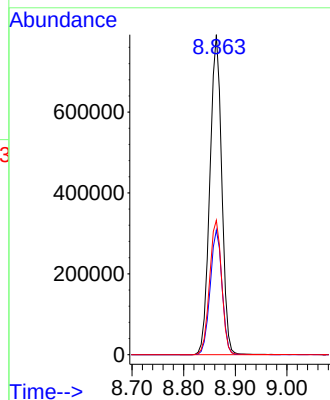
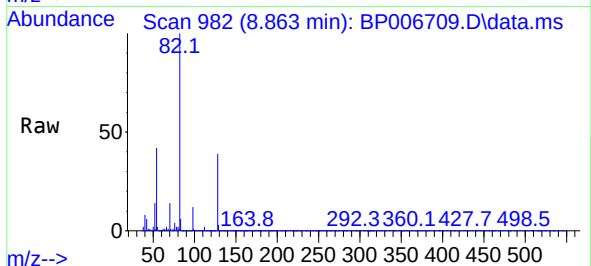


#23  
Nitrobenzene-d5  
Concen: 84.660 ng  
RT: 8.863 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

Instrument :  
BNA\_P  
ClientSampleId :  
PB138424BL

Tgt Ion: 82 Resp: 1260422

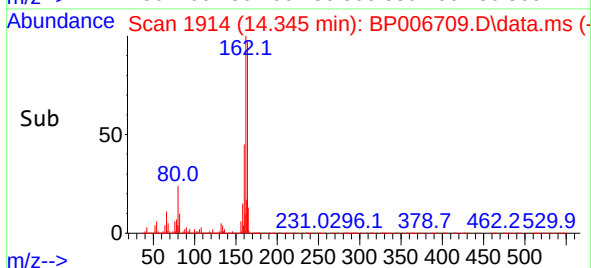
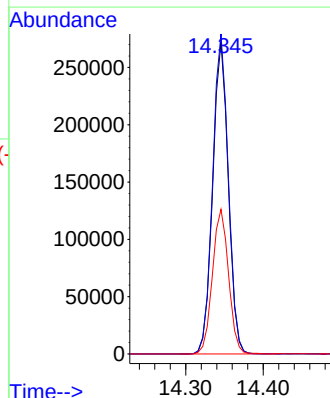
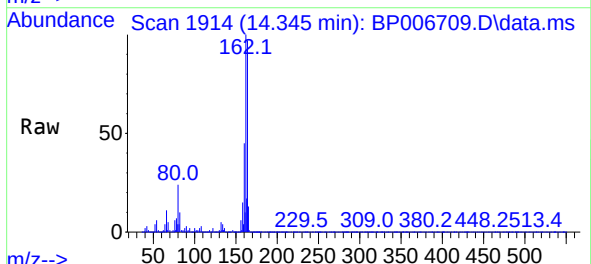
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.9  | 35.7  | 53.5  |
| 54  | 42.0  | 35.0  | 52.4  |

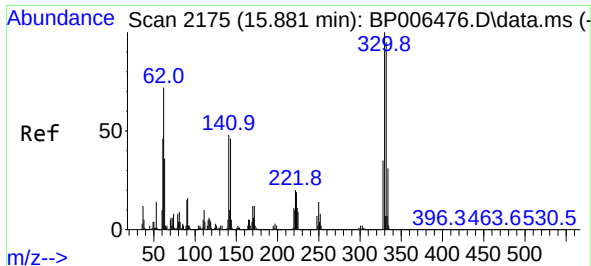


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.345 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

Tgt Ion: 164 Resp: 379142

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.6 | 80.2  | 120.2 |
| 160 | 46.4  | 34.5  | 51.7  |

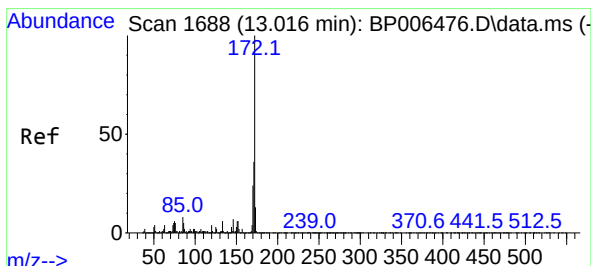
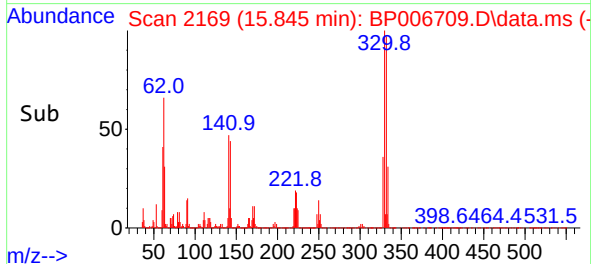
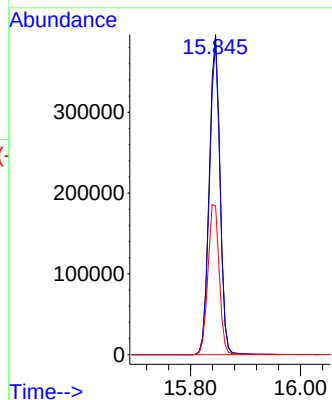
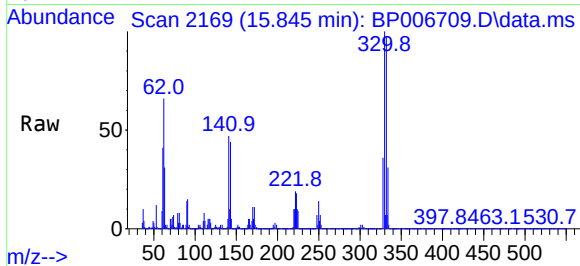




#42  
2,4,6-Tribromophenol  
Concen: 135.746 ng  
RT: 15.845 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

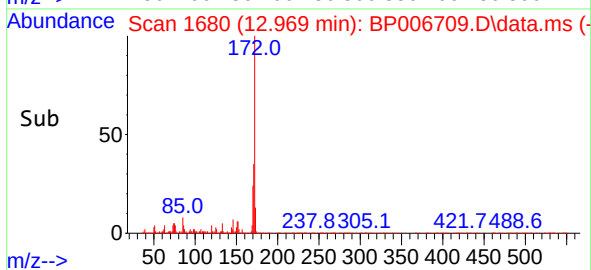
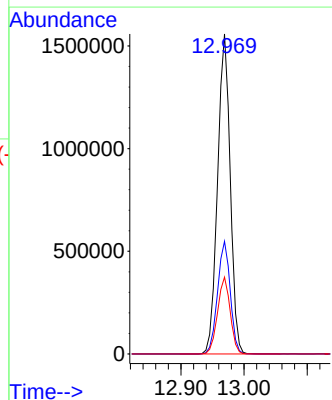
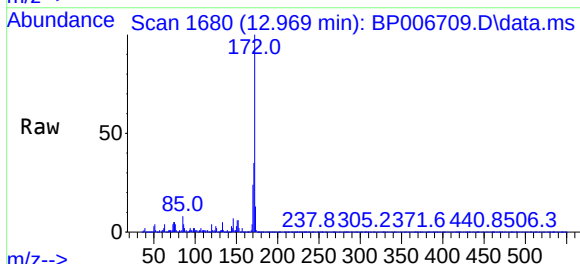
Instrument :  
BNA\_P  
ClientSampleId :  
PB138424BL

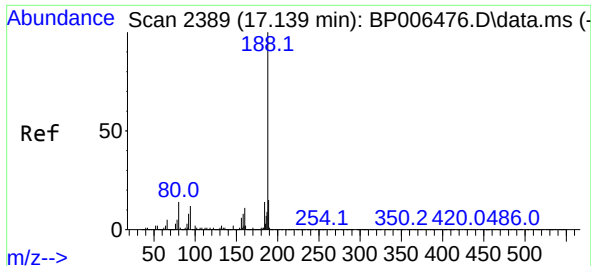
Tgt Ion:330 Resp: 537885  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.8 116.8  
141 49.6 25.4 38.2#



#45  
2-Fluorobiphenyl  
Concen: 85.486 ng  
RT: 12.969 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

Tgt Ion:172 Resp: 2166343  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.9 41.9  
170 24.0 18.6 27.8

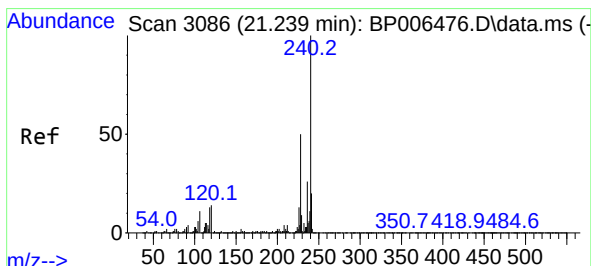
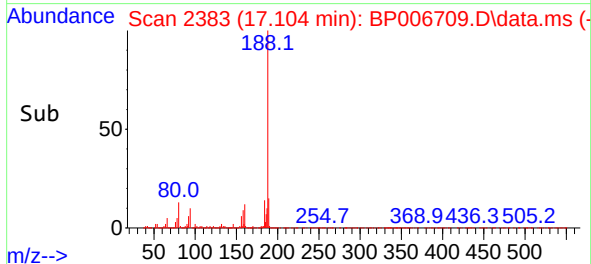
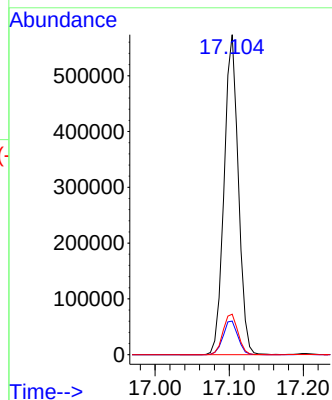
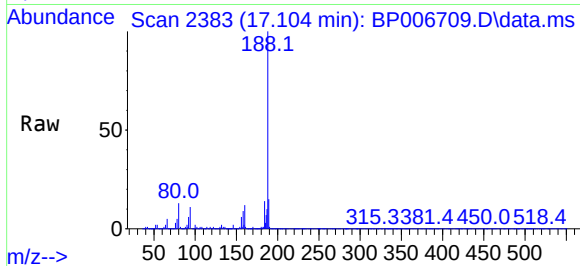




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.104 min Scan# 2383  
Delta R.T. 0.000 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

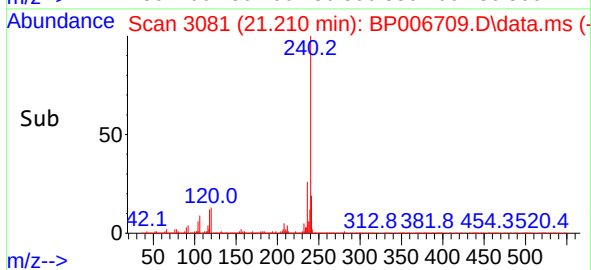
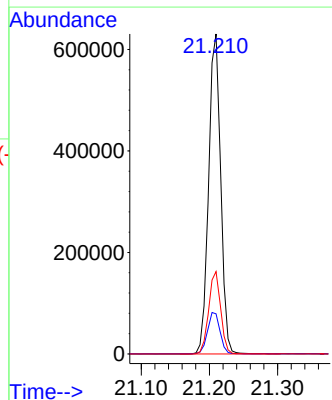
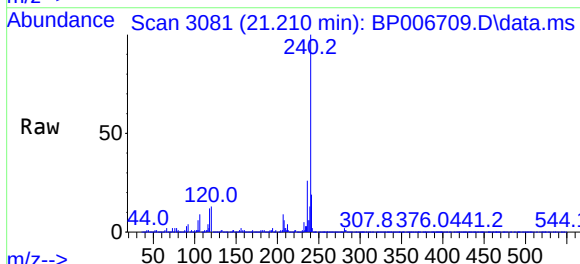
Instrument :  
BNA\_P  
ClientSampleId :  
PB138424BL

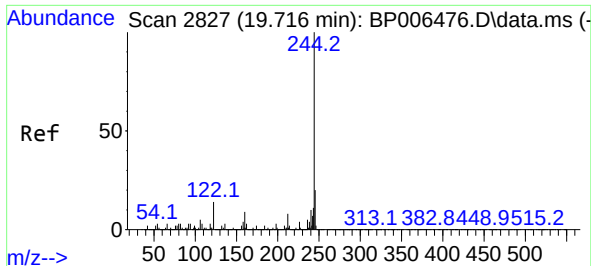
Tgt Ion:188 Resp: 764287  
Ion Ratio Lower Upper  
188 100  
94 10.5 5.6 8.4#  
80 12.6 6.3 9.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.210 min Scan# 3081  
Delta R.T. 0.000 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

Tgt Ion:240 Resp: 775881  
Ion Ratio Lower Upper  
240 100  
120 12.6 6.5 9.7#  
236 25.8 20.6 31.0

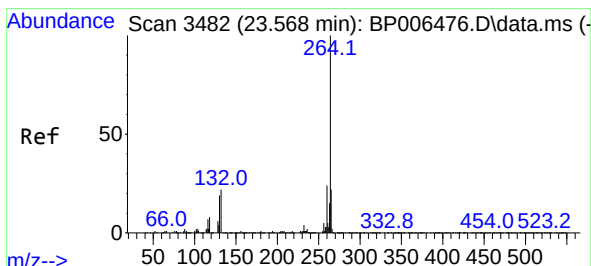
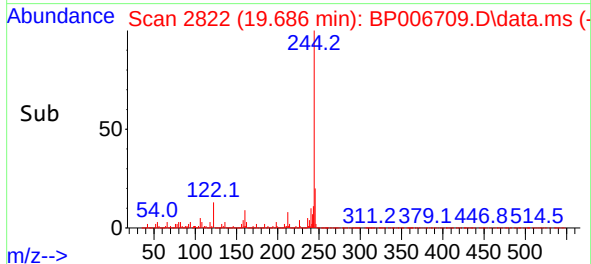
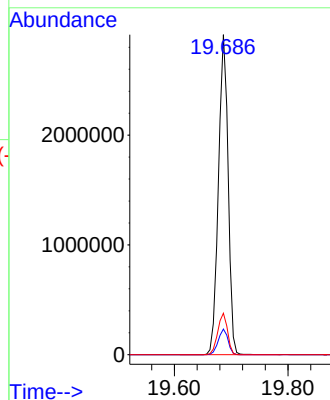
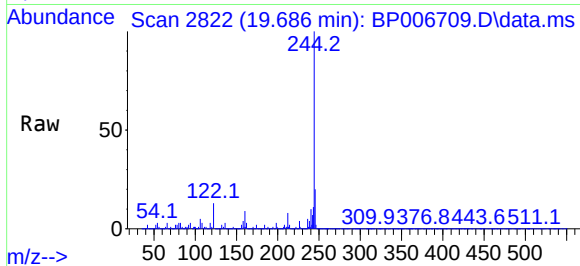




#79  
Terphenyl-d14  
Concen: 88.512 ng  
RT: 19.686 min Scan# 2822  
Delta R.T. 0.000 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

Instrument :  
BNA\_P  
ClientSampleId :  
PB138424BL

Tgt Ion:244 Resp: 3427239  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.0 9.0  
122 12.9 7.1 10.7#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.521 min Scan# 3474  
Delta R.T. -0.006 min  
Lab File: BP006709.D  
Acq: 17 Aug 2021 09:48

Tgt Ion:264 Resp: 815385  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.6 28.0  
265 21.7 17.6 26.4

