

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011322\  
 Data File : BP008791.D  
 Acq On : 13 Jan 2022 15:44  
 Operator : CG/JU  
 Sample : N1118-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MR-SOILPILE

Quant Time: Jan 13 23:26:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP010622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 12 00:18:56 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 359482   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.663 | 136  | 1339882  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.498 | 164  | 819044   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.257 | 188  | 1610385  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.345 | 240  | 1344125  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.769 | 264  | 1355336  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.446  | 112  | 2535396  | 110.446 | ng    | 0.00     |
| 7) Phenol-d6                | 7.040  | 99   | 3040268  | 98.656  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.022  | 82   | 1894949  | 80.094  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.998 | 330  | 1323412  | 95.774  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.128 | 172  | 4682585  | 80.377  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.816 | 244  | 5951894  | 90.237  | ng    | 0.00     |

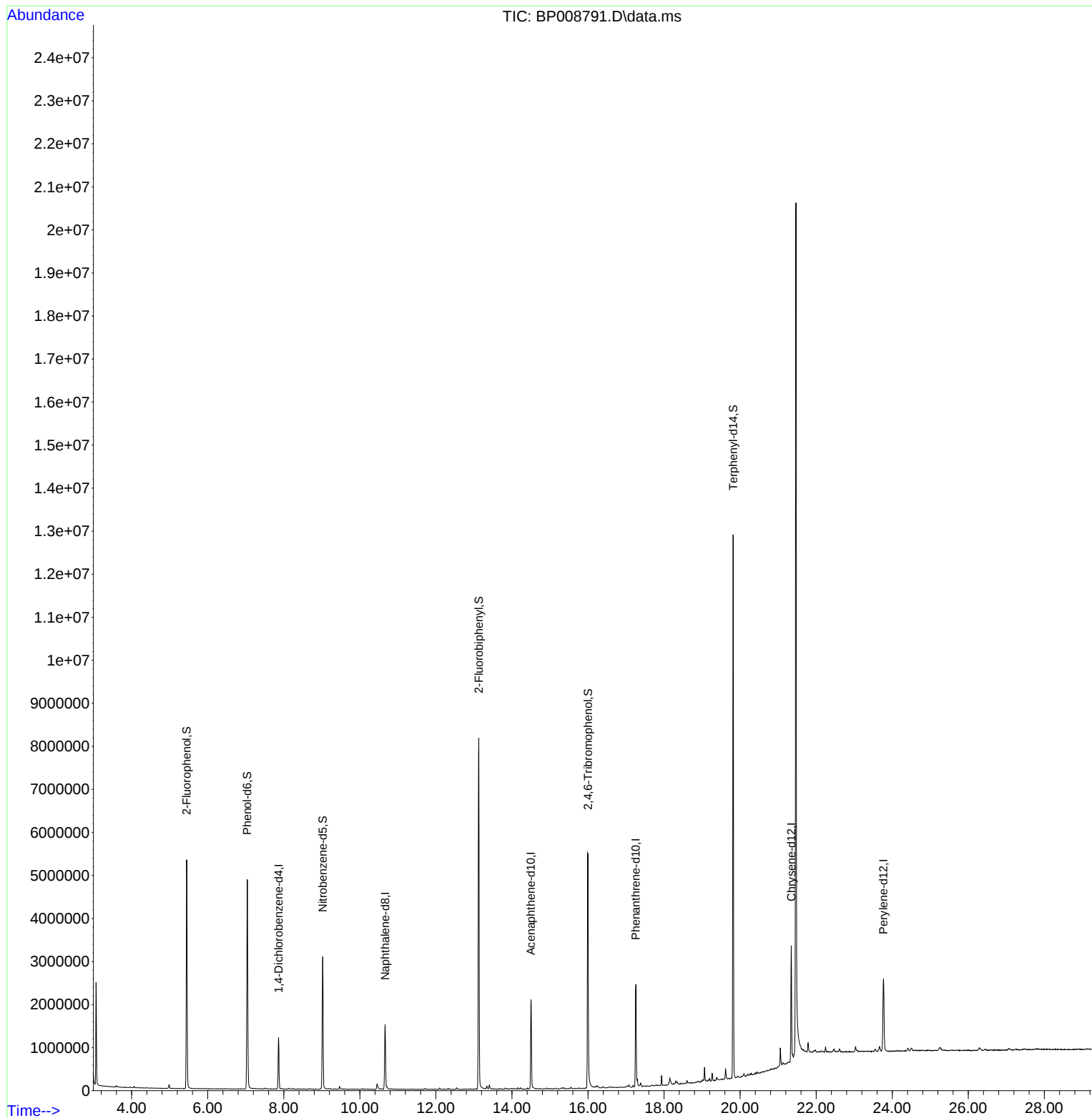
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

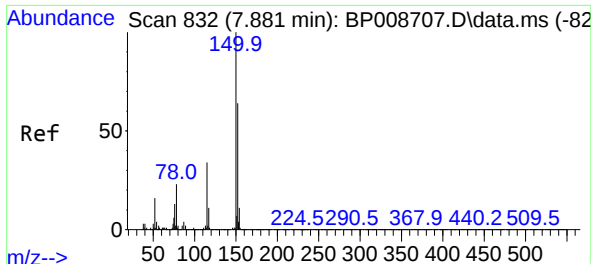
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP010622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 12 00:18:56 2022  
Response via : Initial Calibration

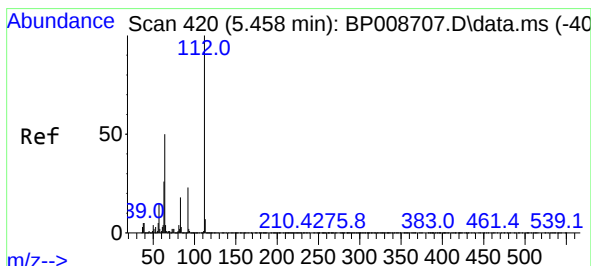
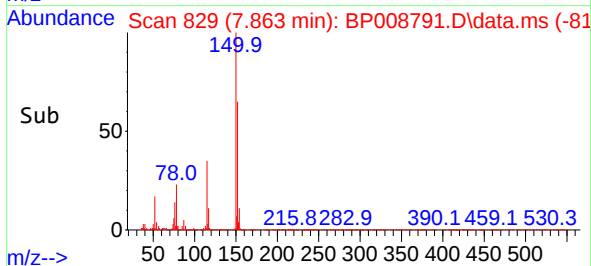
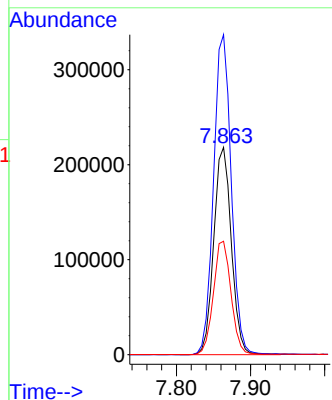
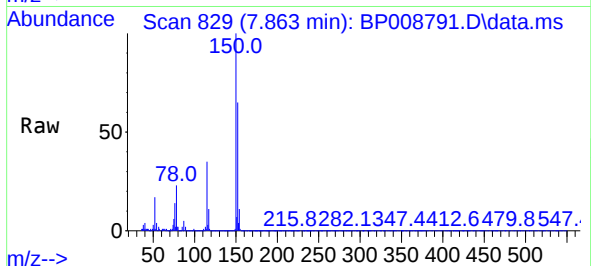




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.863 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP008791.D  
Acq: 13 Jan 2022 15:44

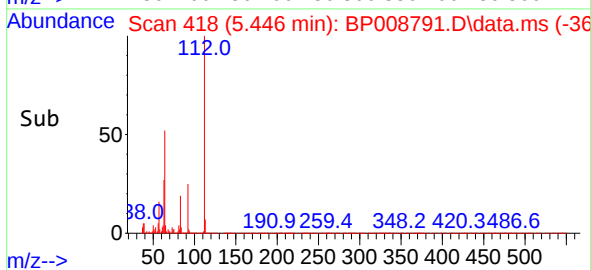
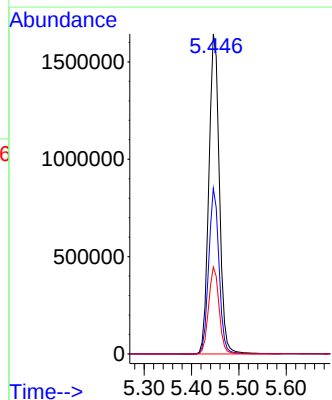
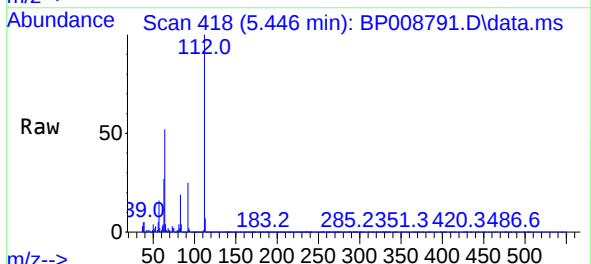
Instrument :  
BNA\_P  
ClientSampleId :  
MR-SOILPILE

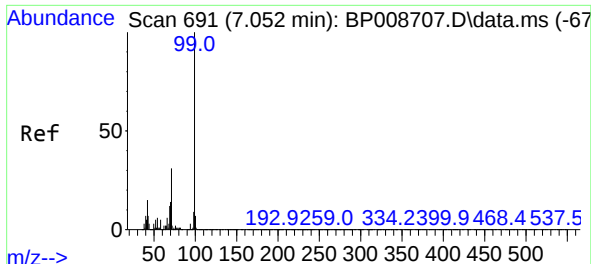
Tgt Ion:152 Resp: 359482  
Ion Ratio Lower Upper  
152 100  
150 154.3 127.0 190.6  
115 54.7 43.7 65.5



#5  
2-Fluorophenol  
Concen: 110.446 ng  
RT: 5.446 min Scan# 418  
Delta R.T. -0.000 min  
Lab File: BP008791.D  
Acq: 13 Jan 2022 15:44

Tgt Ion:112 Resp: 2535396  
Ion Ratio Lower Upper  
112 100  
64 51.8 39.7 59.5  
63 27.2 20.0 30.0

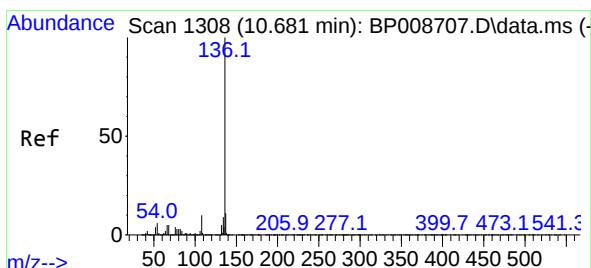
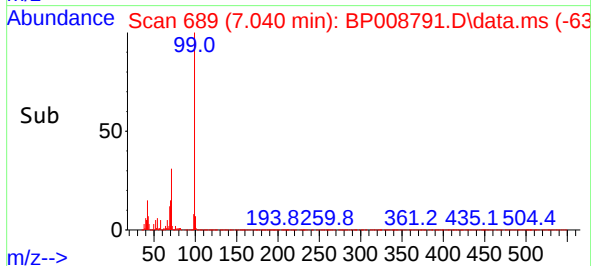
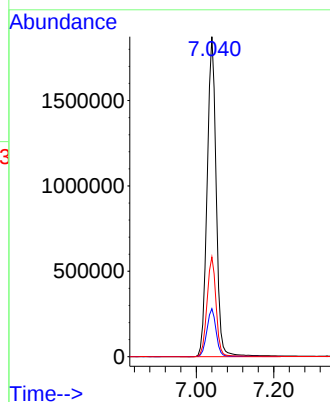
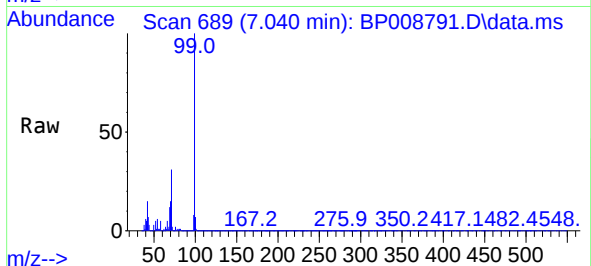




#7  
Phenol-d6  
Concen: 98.656 ng  
RT: 7.040 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP008791.D  
Acq: 13 Jan 2022 15:44

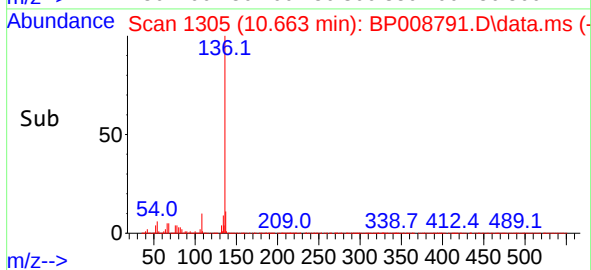
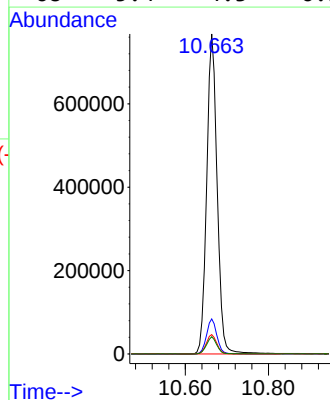
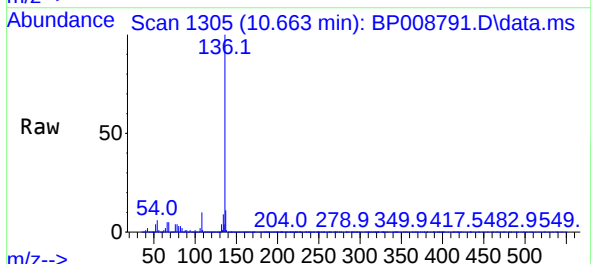
Instrument :  
BNA\_P  
ClientSampleId :  
MR-SOILPILE

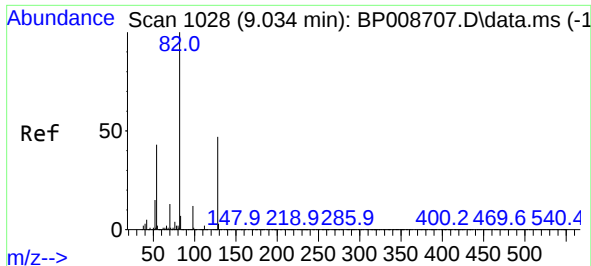
Tgt Ion: 99 Resp: 3040268  
Ion Ratio Lower Upper  
99 100  
42 15.0 10.8 16.2  
71 31.2 23.8 35.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1305  
Delta R.T. -0.006 min  
Lab File: BP008791.D  
Acq: 13 Jan 2022 15:44

Tgt Ion:136 Resp: 1339882  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 6.1 4.9 7.3  
68 5.4 4.3 6.5

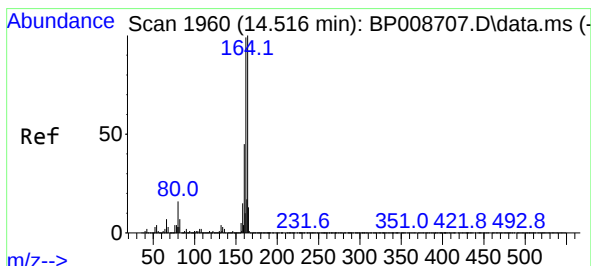
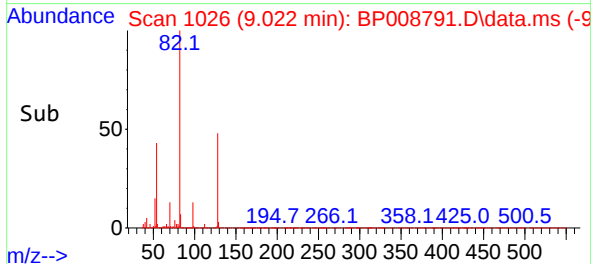
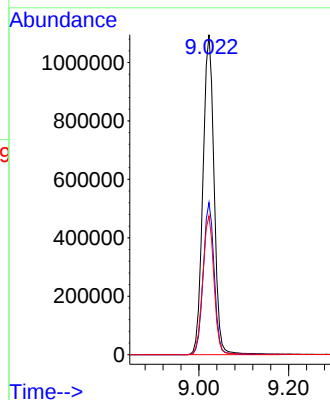
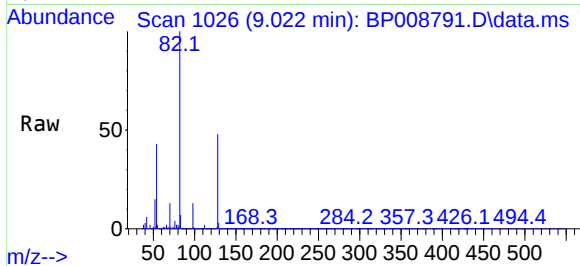




#23  
Nitrobenzene-d5  
Concen: 80.094 ng  
RT: 9.022 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BP008791.D  
Acq: 13 Jan 2022 15:44

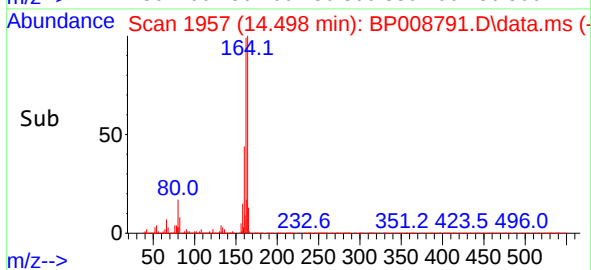
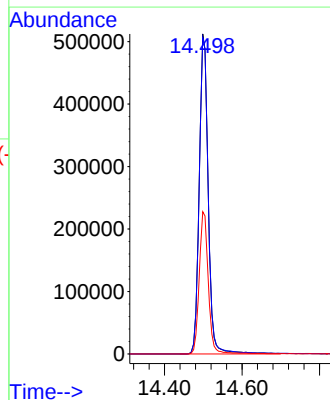
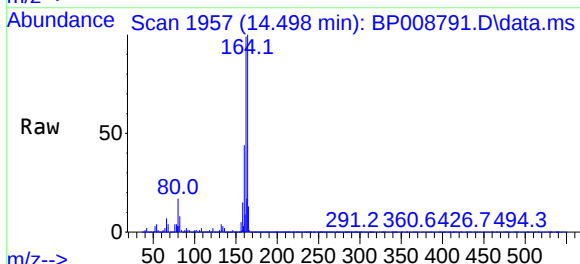
Instrument :  
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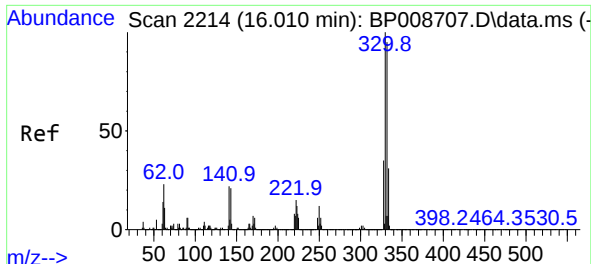
Tgt Ion: 82 Resp: 1894949  
Ion Ratio Lower Upper  
82 100  
128 47.6 39.4 59.2  
54 43.4 32.6 48.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.498 min Scan# 1957  
Delta R.T. -0.006 min  
Lab File: BP008791.D  
Acq: 13 Jan 2022 15:44

Tgt Ion:164 Resp: 819044  
Ion Ratio Lower Upper  
164 100  
162 99.0 79.9 119.9  
160 44.5 35.5 53.3

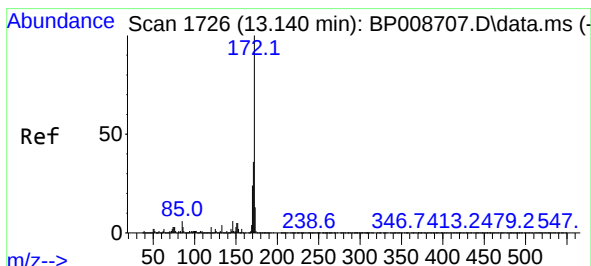
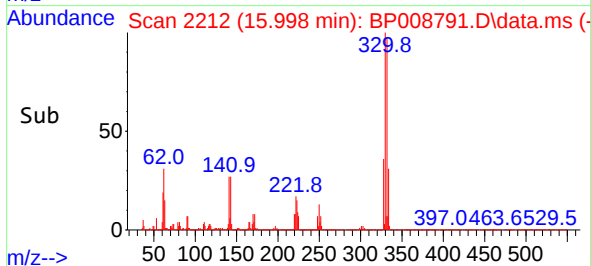
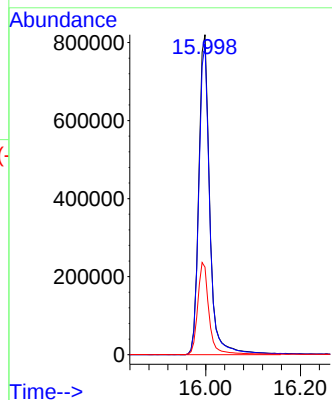
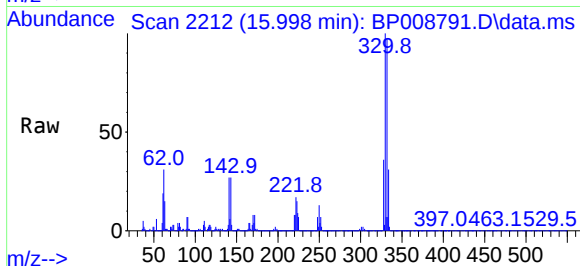




#42  
2,4,6-Tribromophenol  
Concen: 95.774 ng  
RT: 15.998 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP008791.D  
Acq: 13 Jan 2022 15:44

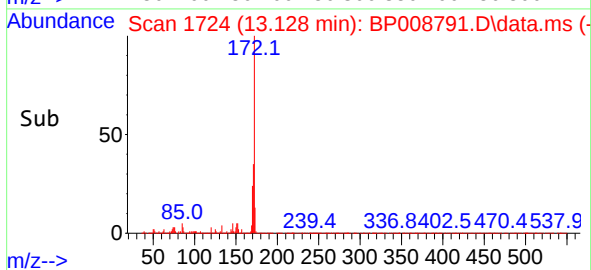
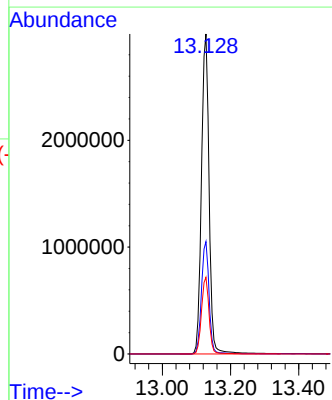
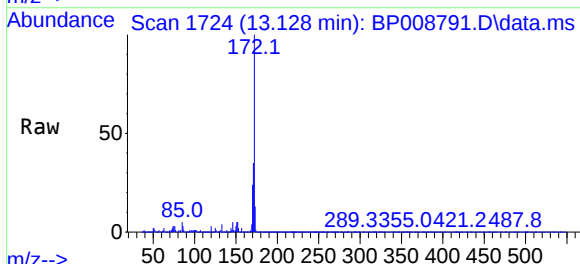
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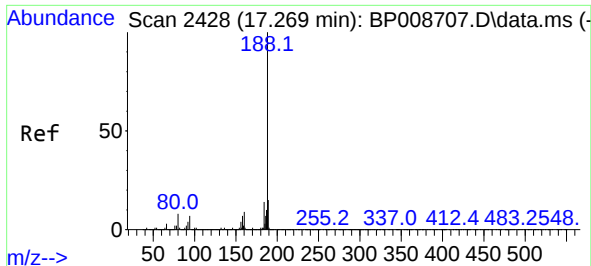
Tgt Ion:330 Resp: 1323412  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.0 115.4  
141 29.8 21.3 31.9



#45  
2-Fluorobiphenyl  
Concen: 80.377 ng  
RT: 13.128 min Scan# 1724  
Delta R.T. -0.006 min  
Lab File: BP008791.D  
Acq: 13 Jan 2022 15:44

Tgt Ion:172 Resp: 4682585  
Ion Ratio Lower Upper  
172 100  
171 35.1 29.3 43.9  
170 23.9 19.5 29.3

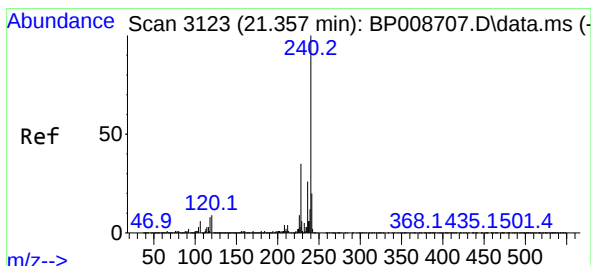
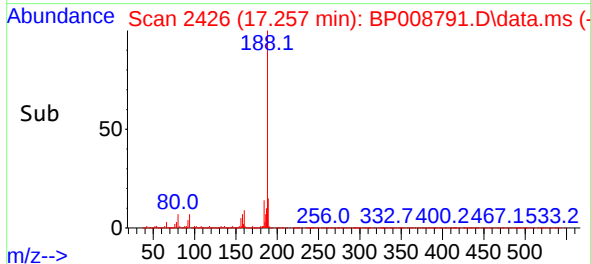
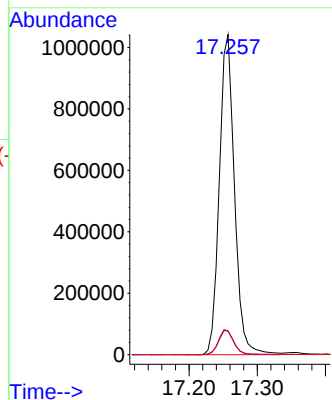
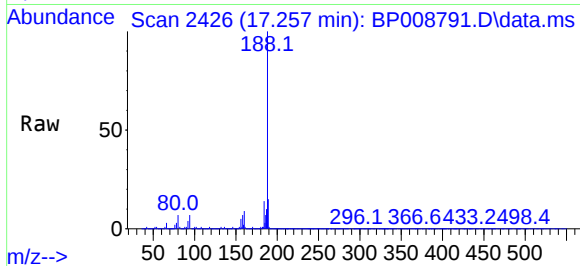




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.257 min Scan# 2426  
Delta R.T. -0.000 min  
Lab File: BP008791.D  
Acq: 13 Jan 2022 15:44

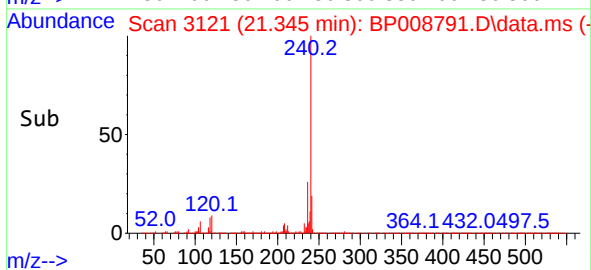
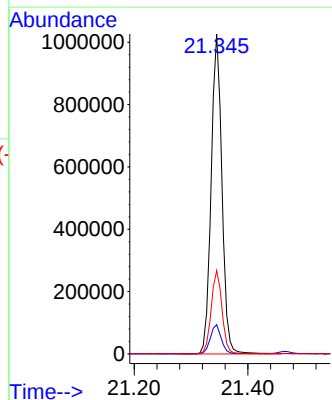
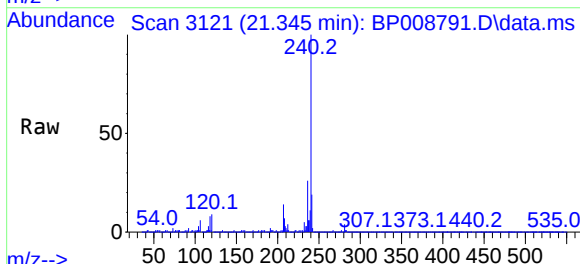
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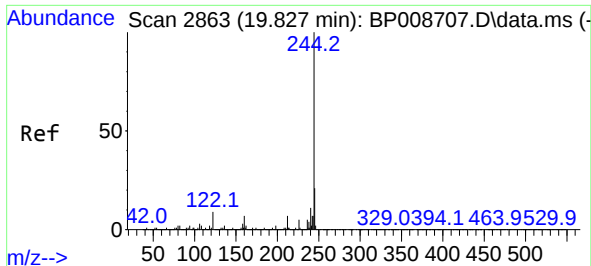
Tgt Ion:188 Resp: 1610385  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.8 10.2  
80 7.5 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.345 min Scan# 3121  
Delta R.T. -0.000 min  
Lab File: BP008791.D  
Acq: 13 Jan 2022 15:44

Tgt Ion:240 Resp: 1344125  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.7 11.5  
236 26.0 21.2 31.8

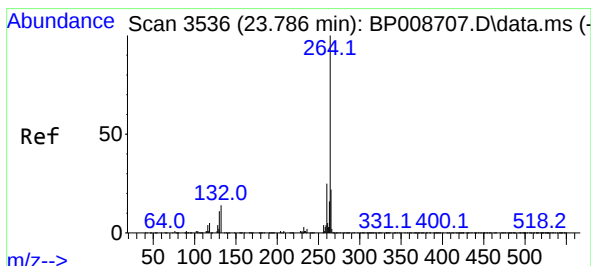
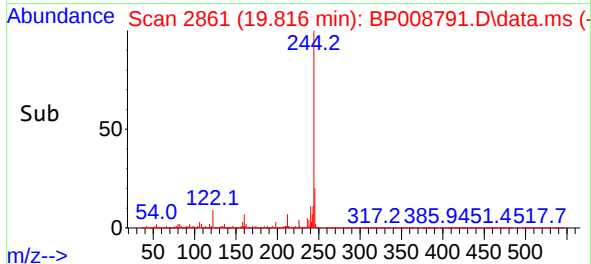
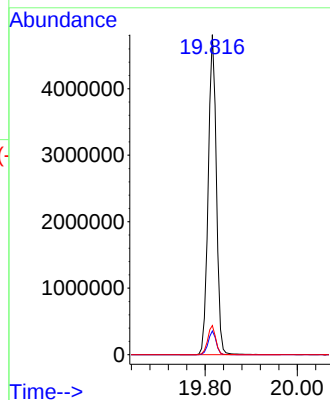
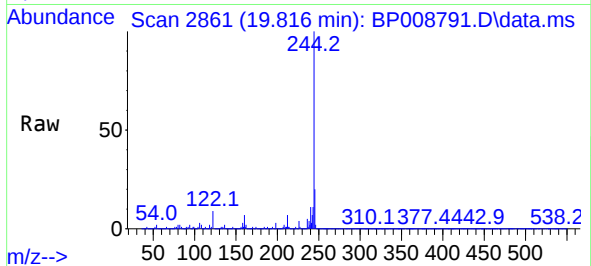




#79  
 Terphenyl-d14  
 Concen: 90.237 ng  
 RT: 19.816 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BP008791.D  
 Acq: 13 Jan 2022 15:44

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MR-SOILPILE

Tgt Ion:244 Resp: 5951894  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.5 9.7  
 122 9.1 9.2 13.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.769 min Scan# 3533  
 Delta R.T. -0.000 min  
 Lab File: BP008791.D  
 Acq: 13 Jan 2022 15:44

Tgt Ion:264 Resp: 1355336  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.1 28.7  
 265 21.7 17.1 25.7

