

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010622\  
 Data File : BP008719.D  
 Acq On : 06 Jan 2022 20:54  
 Operator : CG/JU  
 Sample : N1023-05  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HH-CON-C

Quant Time: Jan 07 08:08:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP010622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 07 07:45:52 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.875  | 152  | 420302   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.675 | 136  | 1612695  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.510 | 164  | 1070775  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.263 | 188  | 2267934  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.351 | 240  | 2296706  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.774 | 264  | 2478107  | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.458  | 112  | 1412019  | 52.609 | ng    | 0.00     |
| 7) Phenol-d6                | 7.046  | 99   | 2412287  | 66.951 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.028  | 82   | 1786213  | 62.726 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.998 | 330  | 385573   | 21.344 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.134 | 172  | 4896292  | 64.287 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.821 | 244  | 7993897  | 70.929 | ng    | 0.00     |

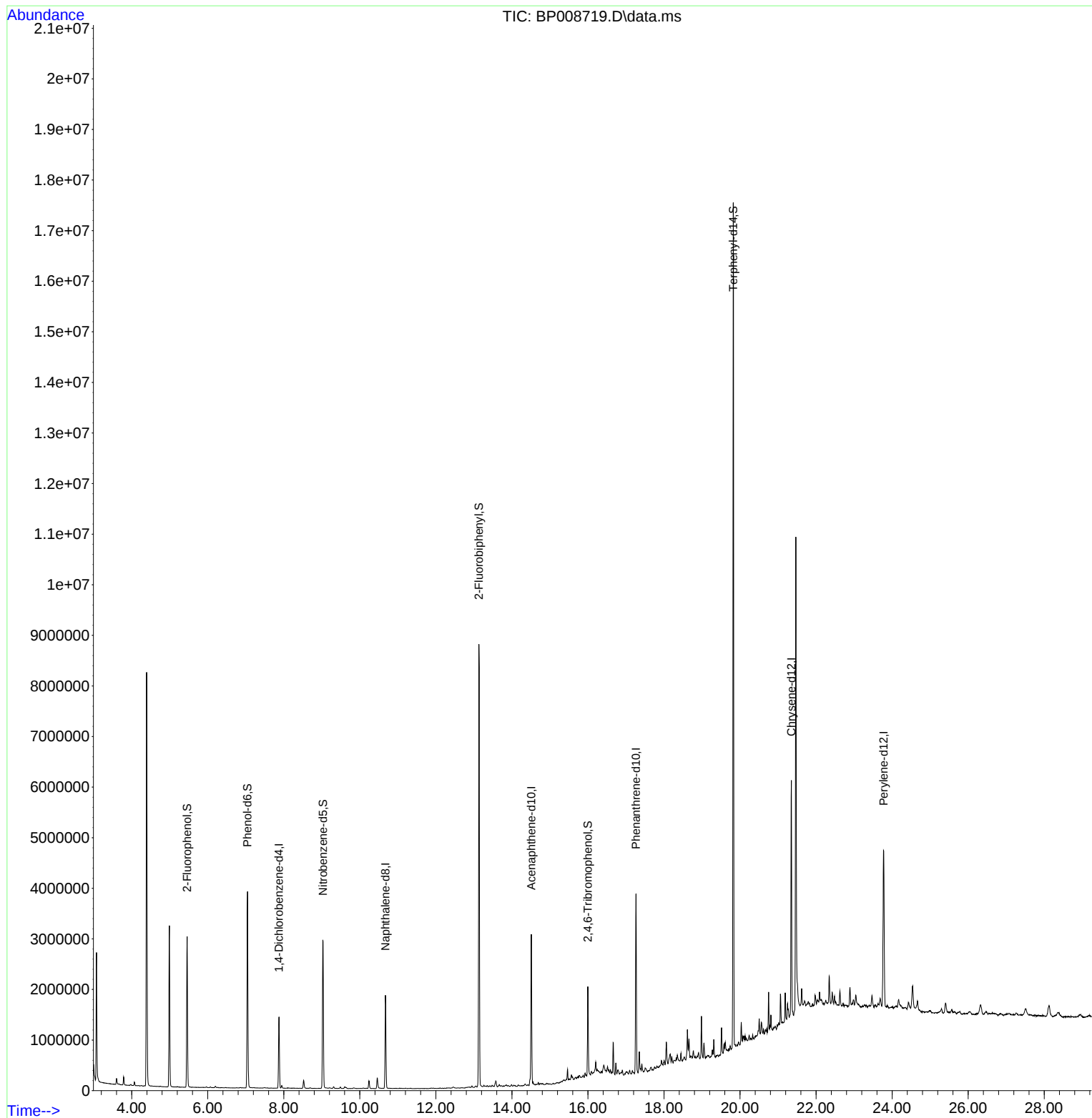
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

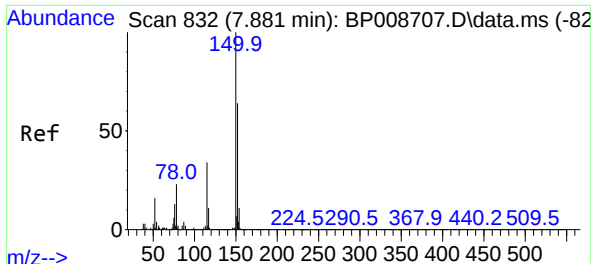
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

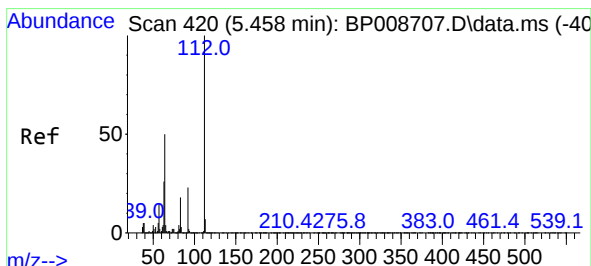
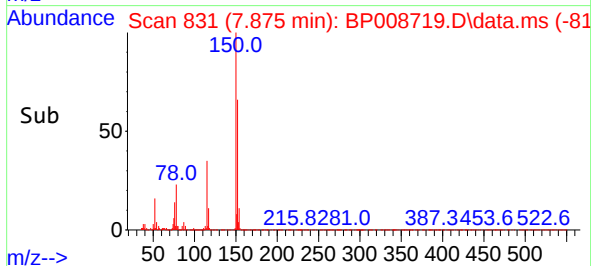
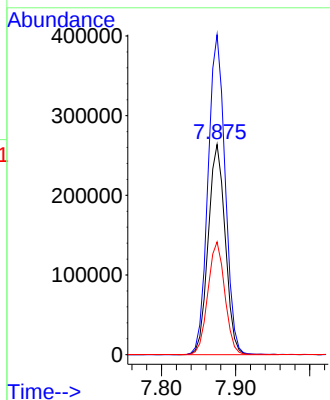
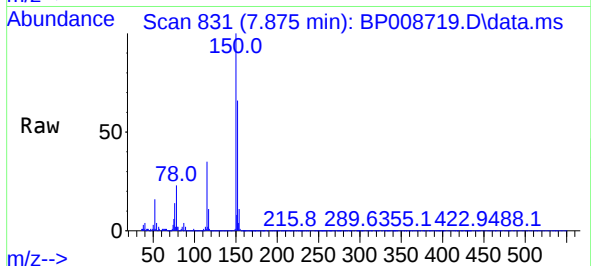




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.875 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP008719.D  
Acq: 06 Jan 2022 20:54

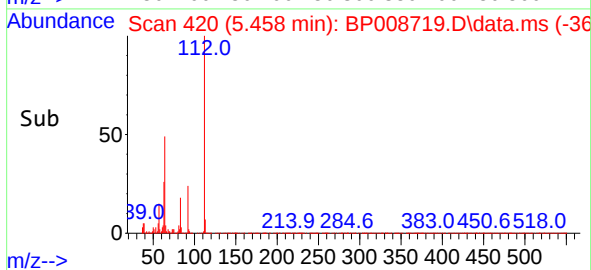
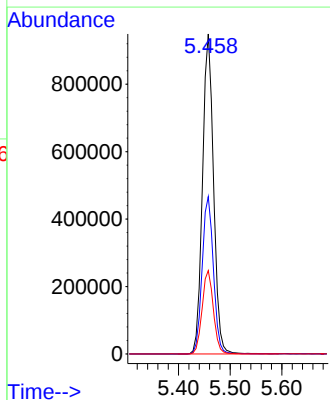
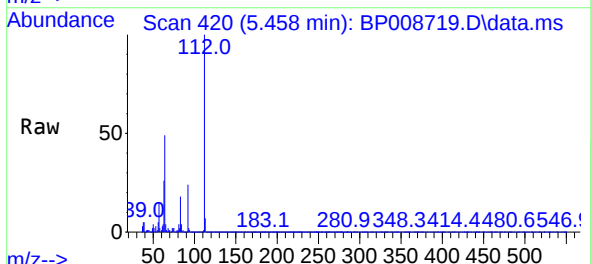
Instrument :  
BNA\_P  
ClientSampleId :  
HH-CON-C

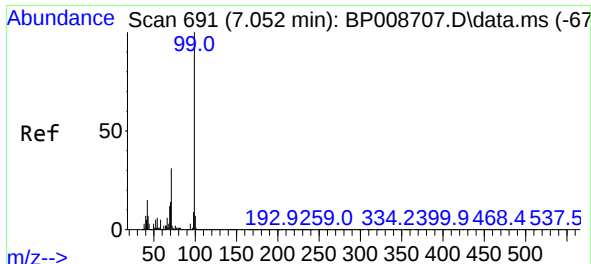
Tgt Ion:152 Resp: 420302  
Ion Ratio Lower Upper  
152 100  
150 152.2 127.0 190.6  
115 53.7 43.7 65.5



#5  
2-Fluorophenol  
Concen: 52.609 ng  
RT: 5.458 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: BP008719.D  
Acq: 06 Jan 2022 20:54

Tgt Ion:112 Resp: 1412019  
Ion Ratio Lower Upper  
112 100  
64 49.2 39.7 59.5  
63 26.1 20.0 30.0



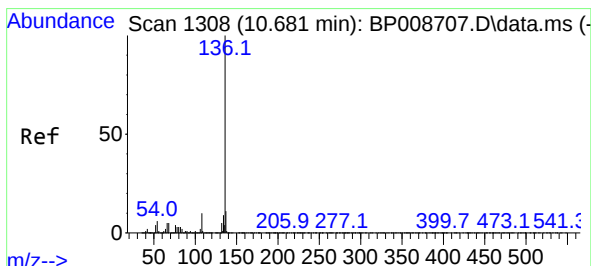
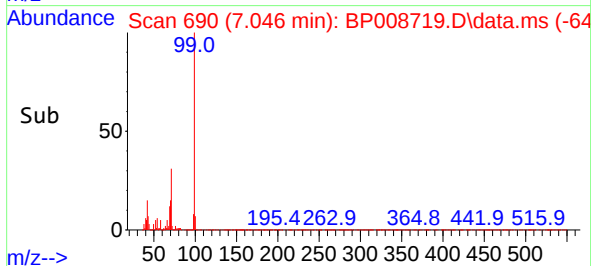
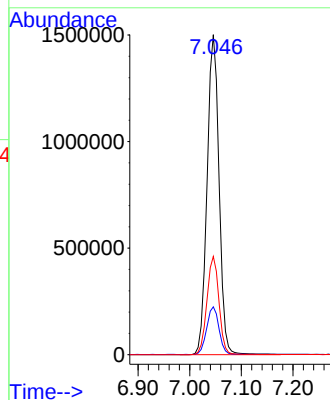
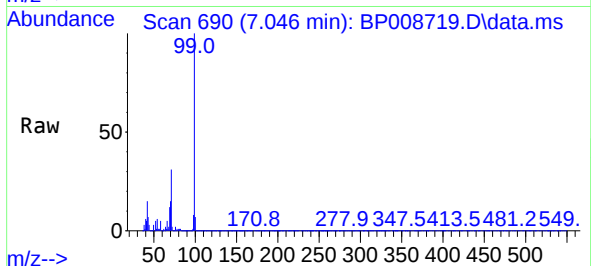


#7  
Phenol-d6  
Concen: 66.951 ng  
RT: 7.046 min Scan# 691  
Delta R.T. -0.006 min  
Lab File: BP008719.D  
Acq: 06 Jan 2022 20:54

Instrument :  
BNA\_P  
ClientSampleId :  
HH-CON-C

Tgt Ion: 99 Resp: 2412287

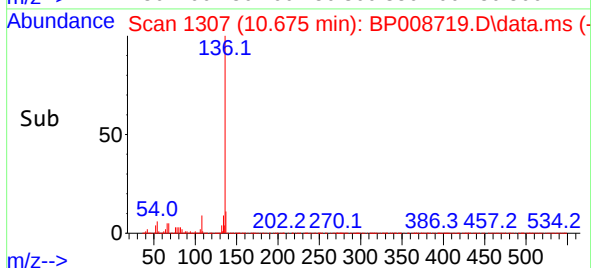
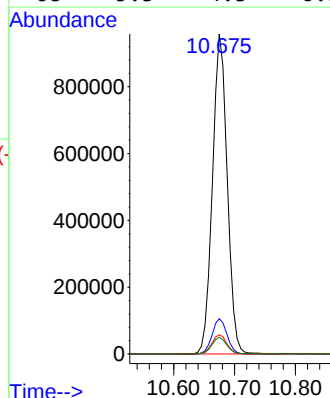
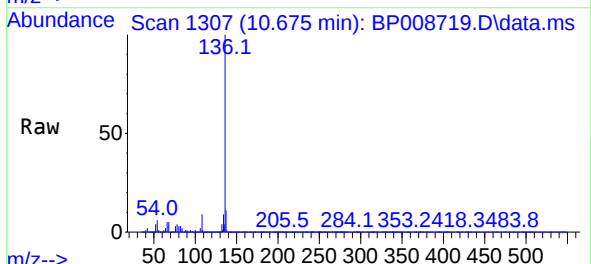
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.9  | 10.8  | 16.2  |
| 71  | 30.7  | 23.8  | 35.6  |

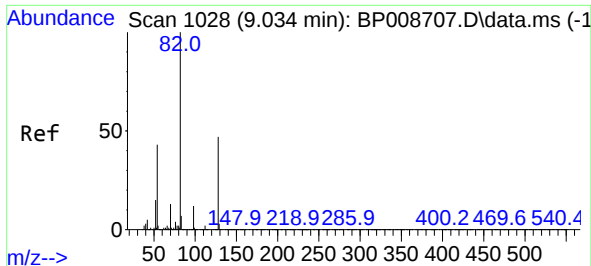


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.675 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BP008719.D  
Acq: 06 Jan 2022 20:54

Tgt Ion: 136 Resp: 1612695

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 9.0   | 13.4  |
| 54  | 6.0   | 4.9   | 7.3   |
| 68  | 5.3   | 4.3   | 6.5   |

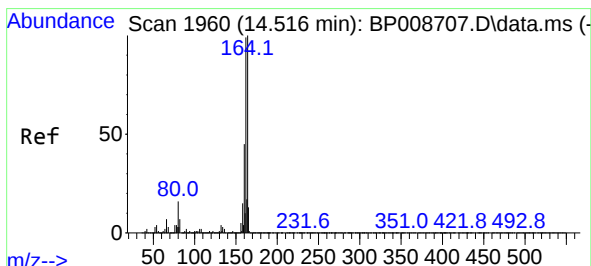
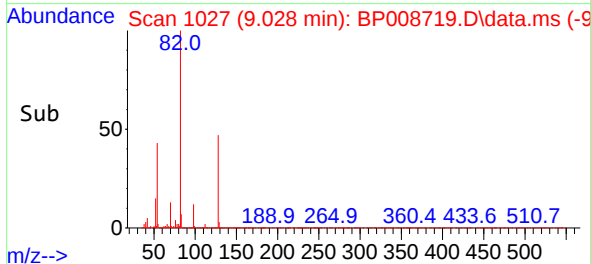
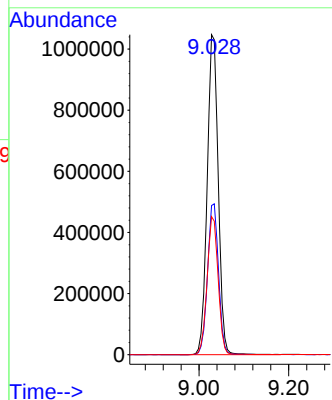
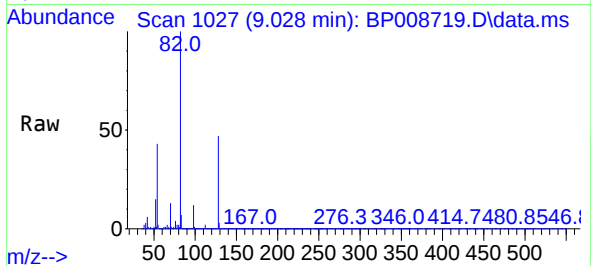




#23  
Nitrobenzene-d5  
Concen: 62.726 ng  
RT: 9.028 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BP008719.D  
Acq: 06 Jan 2022 20:54

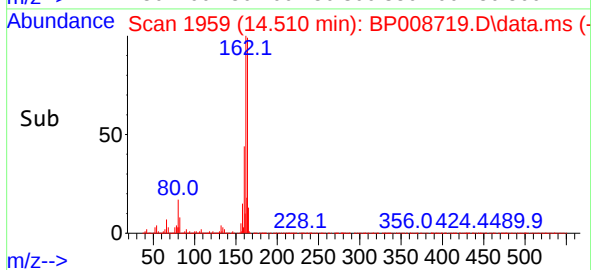
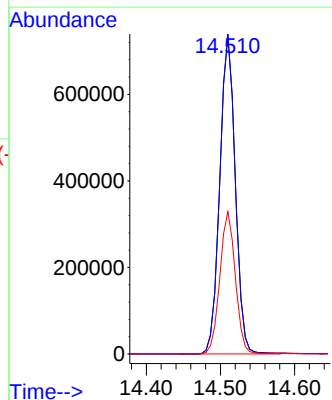
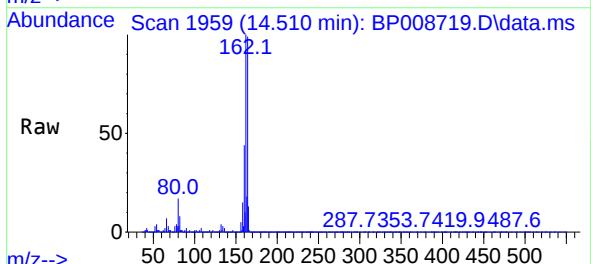
Instrument :  
BNA\_P  
ClientSampleId :  
HH-CON-C

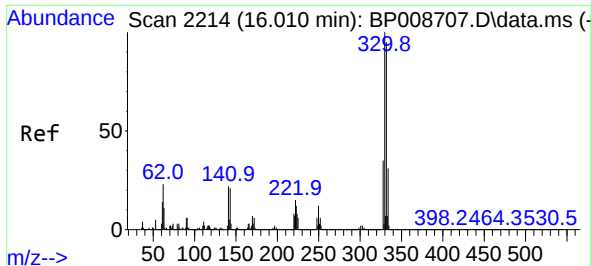
Tgt Ion: 82 Resp: 1786213  
Ion Ratio Lower Upper  
82 100  
128 46.6 39.4 59.2  
54 43.2 32.6 48.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.510 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BP008719.D  
Acq: 06 Jan 2022 20:54

Tgt Ion:164 Resp: 1070775  
Ion Ratio Lower Upper  
164 100  
162 100.8 79.9 119.9  
160 44.8 35.5 53.3

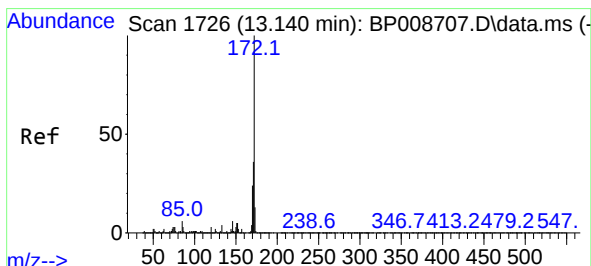
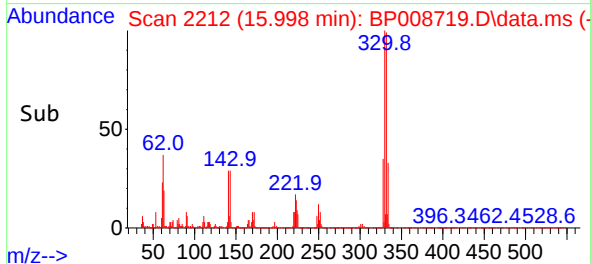
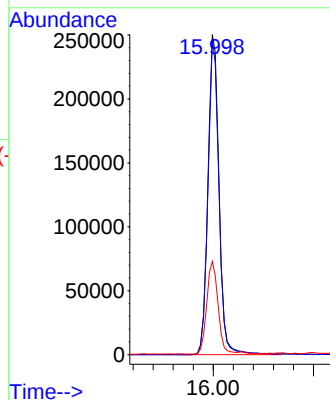
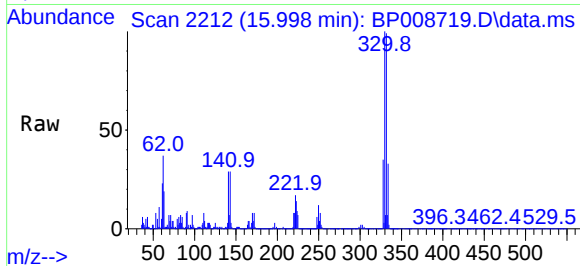




#42  
2,4,6-Tribromophenol  
Concen: 21.344 ng  
RT: 15.998 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP008719.D  
Acq: 06 Jan 2022 20:54

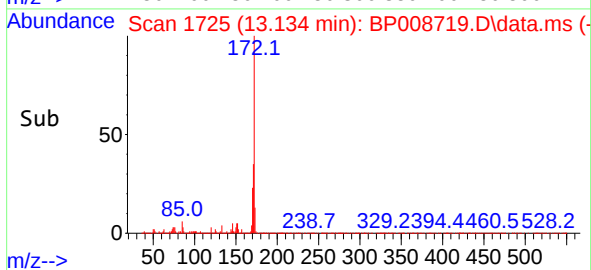
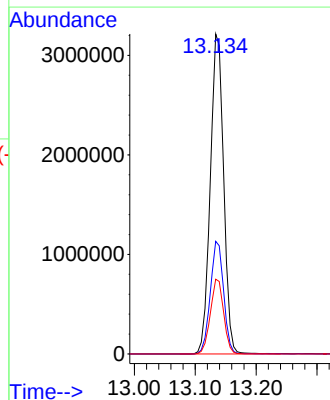
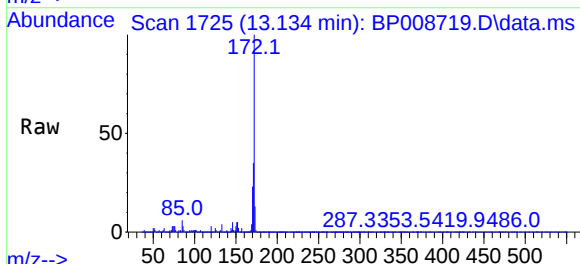
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ClientSampleId :  
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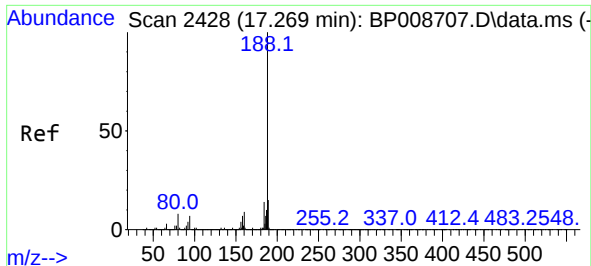
Tgt Ion:330 Resp: 385573  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.0 115.4  
141 29.3 21.3 31.9



#45  
2-Fluorobiphenyl  
Concen: 64.287 ng  
RT: 13.134 min Scan# 1725  
Delta R.T. -0.006 min  
Lab File: BP008719.D  
Acq: 06 Jan 2022 20:54

Tgt Ion:172 Resp: 4896292  
Ion Ratio Lower Upper  
172 100  
171 35.2 29.3 43.9  
170 23.3 19.5 29.3

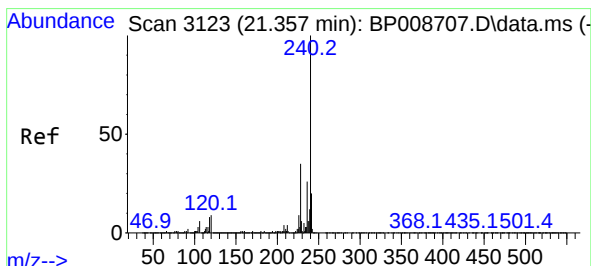
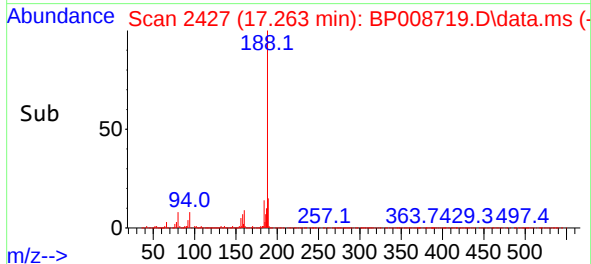
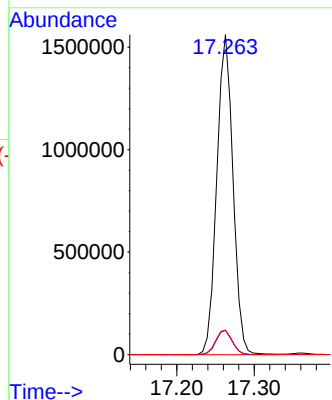
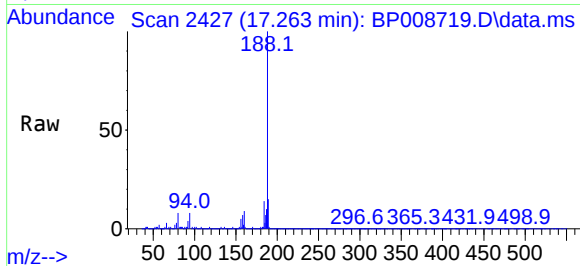




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.263 min Scan# 2428  
Delta R.T. -0.006 min  
Lab File: BP008719.D  
Acq: 06 Jan 2022 20:54

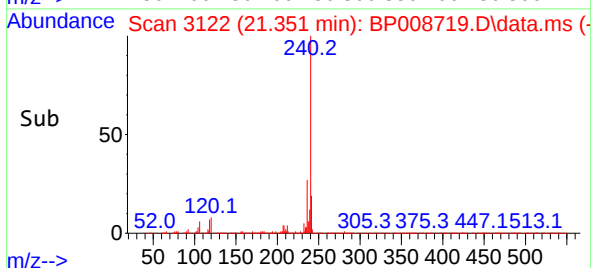
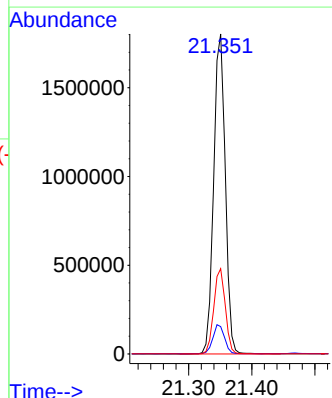
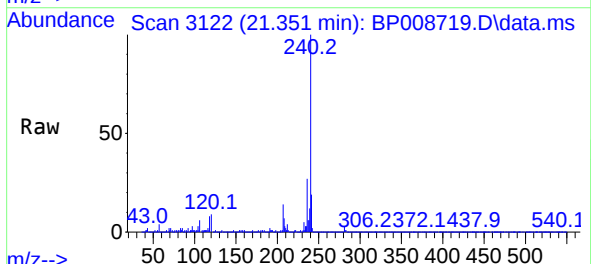
Instrument :  
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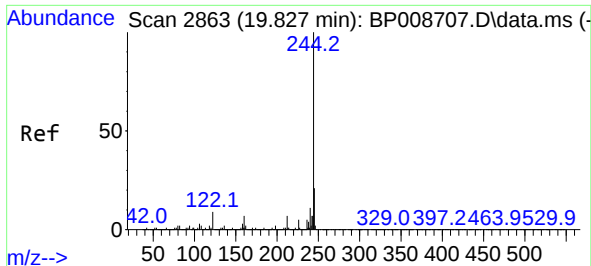
Tgt Ion:188 Resp: 2267934  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.8 10.2  
80 7.7 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.351 min Scan# 3122  
Delta R.T. -0.006 min  
Lab File: BP008719.D  
Acq: 06 Jan 2022 20:54

Tgt Ion:240 Resp: 2296706  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.7 11.5  
236 26.6 21.2 31.8

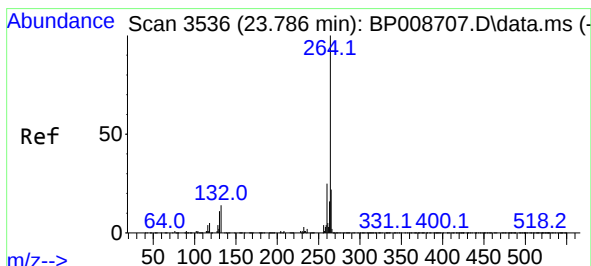
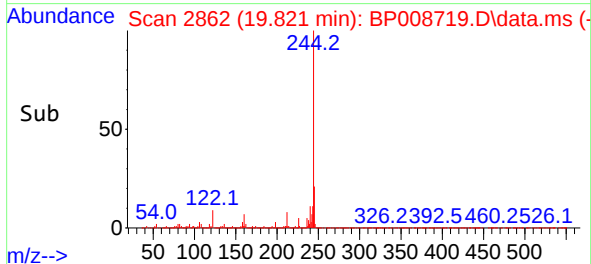
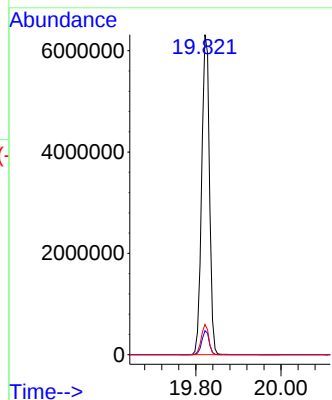
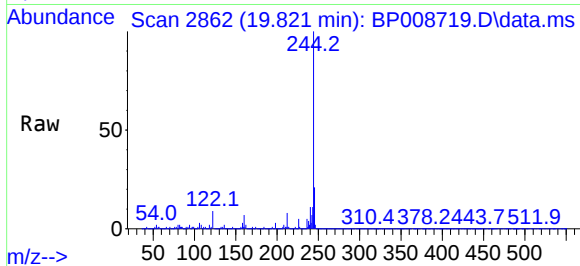




#79  
 Terphenyl-d14  
 Concen: 70.929 ng  
 RT: 19.821 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP008719.D  
 Acq: 06 Jan 2022 20:54

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HH-CON-C

Tgt Ion:244 Resp: 7993897  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.5 9.7  
 122 9.5 9.2 13.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.774 min Scan# 3534  
 Delta R.T. -0.012 min  
 Lab File: BP008719.D  
 Acq: 06 Jan 2022 20:54

Tgt Ion:264 Resp: 2478107  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 19.1 28.7  
 265 22.7 17.1 25.7

