

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100421\  
 Data File : BP007315.D  
 Acq On : 04 Oct 2021 20:54  
 Operator : CG/JU  
 Sample : M4037-01 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HD-01-100121

Quant Time: Oct 05 02:22:45 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 12:49:05 2021  
 Response via : Initial Calibration

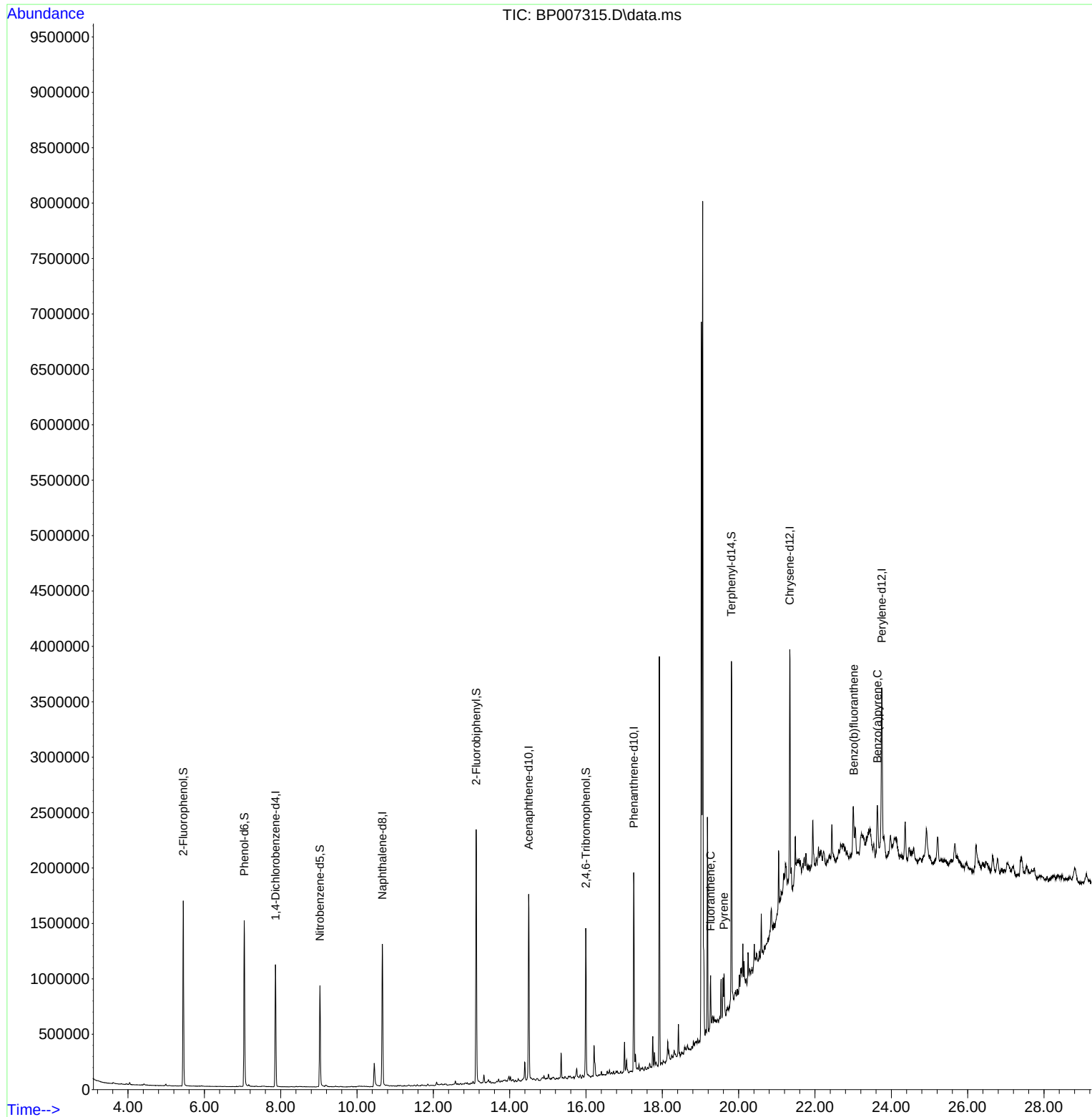
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 306352   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.663 | 136  | 1113430  | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.498 | 164  | 601993   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.251 | 188  | 1098983  | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.339 | 240  | 1055467  | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12            | 23.751 | 264  | 1127836  | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.446  | 112  | 771433   | 42.15 | ng    | 0.00     |
| 7) Phenol-d6                | 7.046  | 99   | 934636   | 37.37 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.028  | 82   | 546725   | 28.60 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.998 | 330  | 276803   | 35.47 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.122 | 172  | 1255916  | 29.89 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.810 | 244  | 1472243  | 26.73 | ng    | 0.00     |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 75) Fluoranthene            | 19.263 | 202  | 229764   | 3.38  | ng    | 96       |
| 78) Pyrene                  | 19.616 | 202  | 222055   | 3.21  | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 23.015 | 252  | 168566   | 2.50  | ng    | # 74     |
| 90) Benzo(a)pyrene          | 23.639 | 252  | 127241   | 2.22  | ng    | # 69     |
| -----                       |        |      |          |       |       |          |

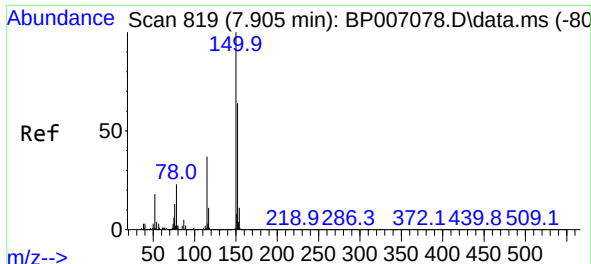
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100421\  
Data File : BP007315.D  
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Sample : M4037-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HD-01-100121

Quant Time: Oct 05 02:22:45 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 01 12:49:05 2021  
Response via : Initial Calibration

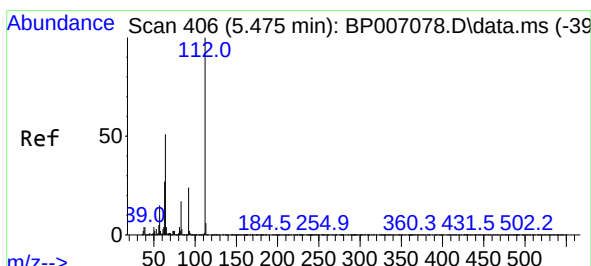
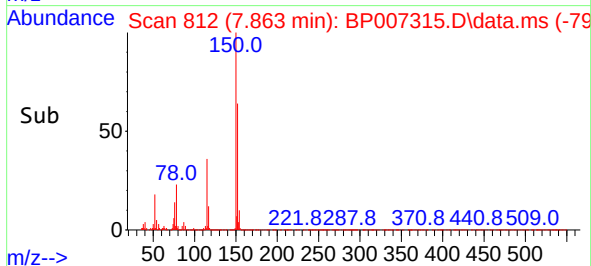
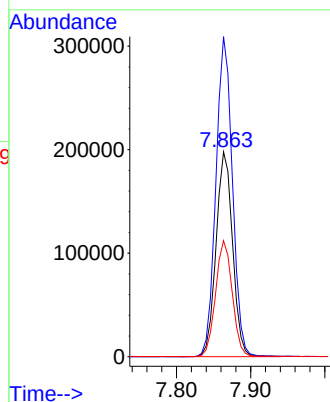
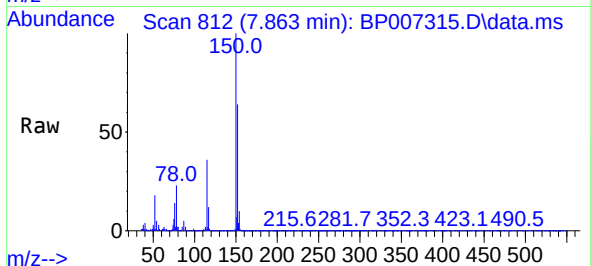




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.863 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

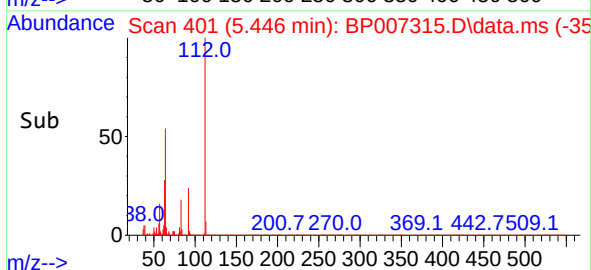
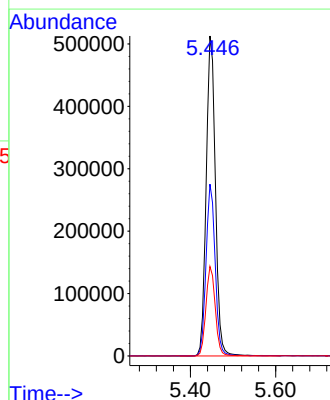
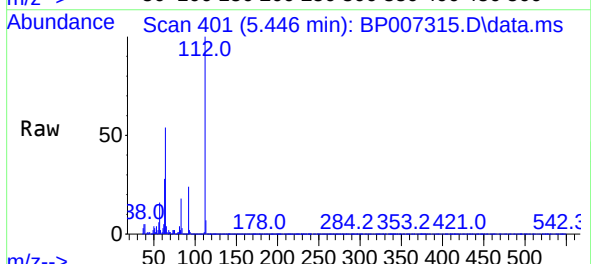
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BNA\_P  
ClientSampleId :  
HD-01-100121

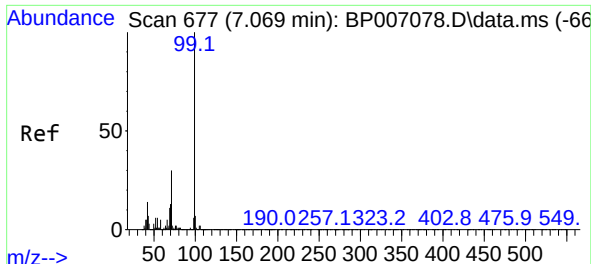
Tgt Ion:152 Resp: 306352  
Ion Ratio Lower Upper  
152 100  
150 156.2 125.6 188.4  
115 56.6 48.5 72.7



#5  
2-Fluorophenol  
Concen: 42.15 ng  
RT: 5.446 min Scan# 401  
Delta R.T. -0.006 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

Tgt Ion:112 Resp: 771433  
Ion Ratio Lower Upper  
112 100  
64 53.7 41.4 62.2  
63 28.0 23.8 35.8



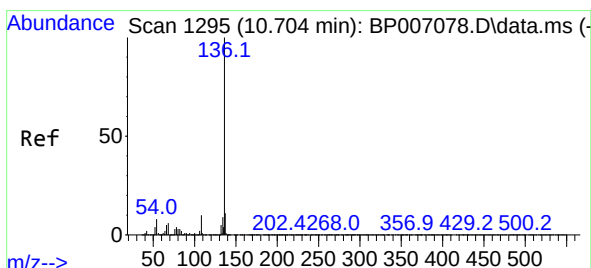
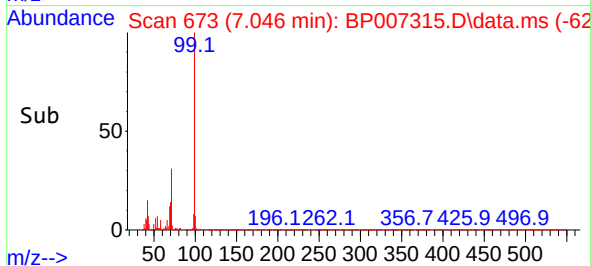
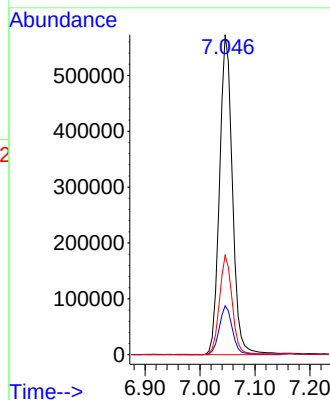
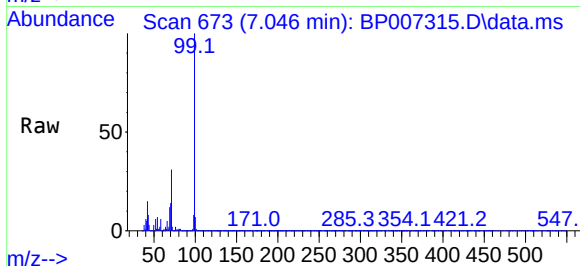


#7  
Phenol-d6  
Concen: 37.37 ng  
RT: 7.046 min Scan# 673  
Delta R.T. -0.006 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

Instrument :  
BNA\_P  
ClientSampleId :  
HD-01-100121

Tgt Ion: 99 Resp: 934636

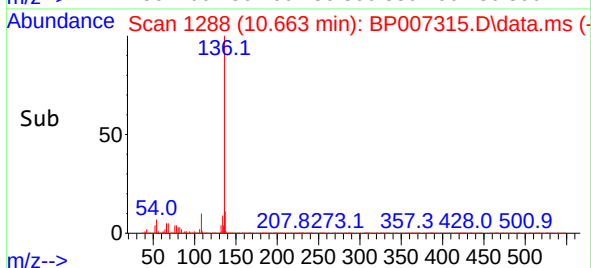
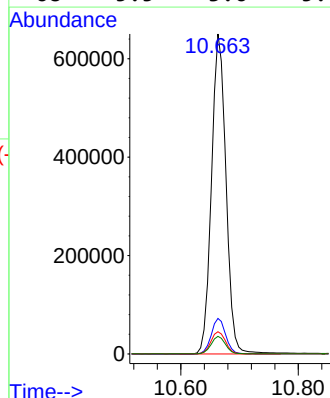
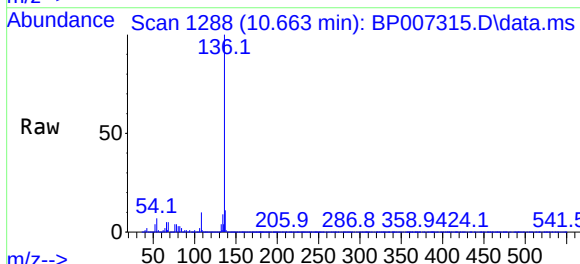
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.3  | 13.4  | 20.0  |
| 71  | 31.0  | 30.6  | 46.0  |

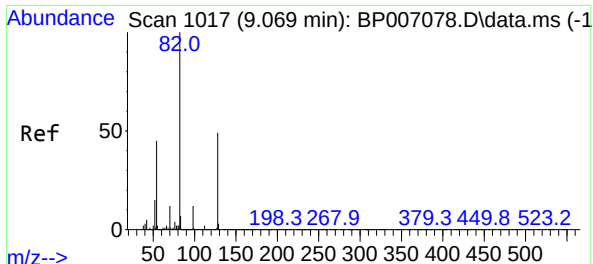


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.663 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

Tgt Ion: 136 Resp: 1113430

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 12.8  |
| 54  | 7.0   | 4.6   | 6.8#  |
| 68  | 5.5   | 3.6   | 5.4#  |

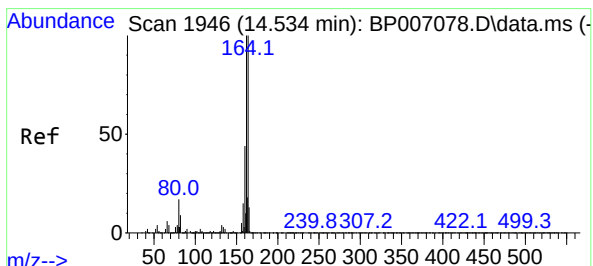
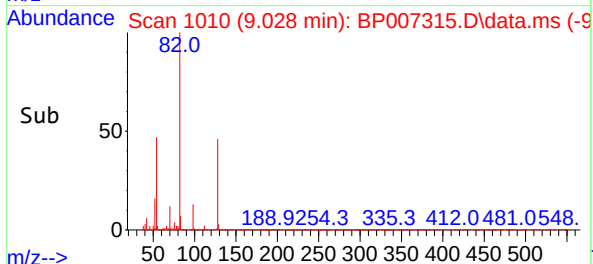
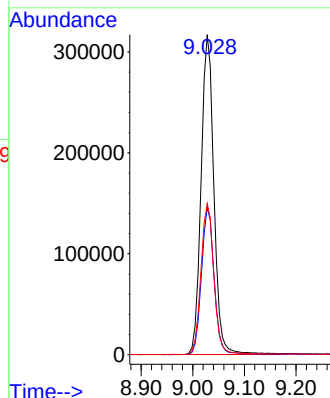
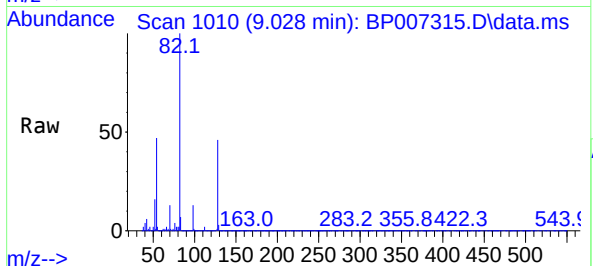




#23  
Nitrobenzene-d5  
Concen: 28.60 ng  
RT: 9.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

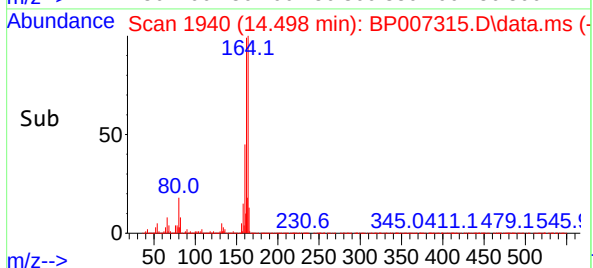
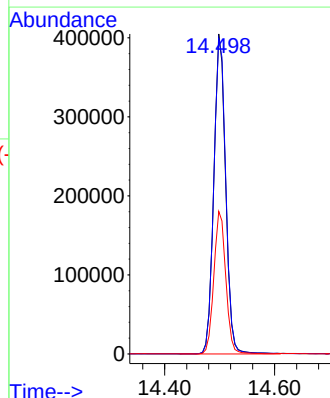
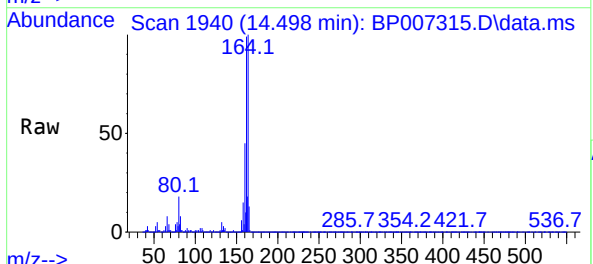
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ClientSampleId :  
HD-01-100121

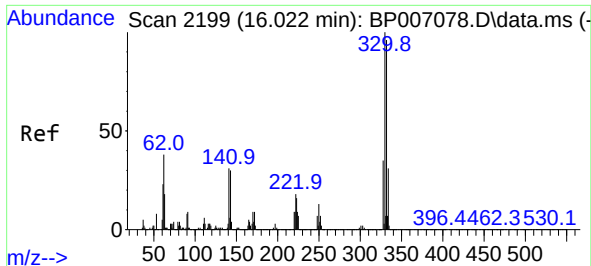
Tgt Ion: 82 Resp: 546725  
Ion Ratio Lower Upper  
82 100  
128 46.0 35.7 53.5  
54 47.2 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

Tgt Ion: 164 Resp: 601993  
Ion Ratio Lower Upper  
164 100  
162 98.7 80.2 120.2  
160 44.5 34.5 51.7

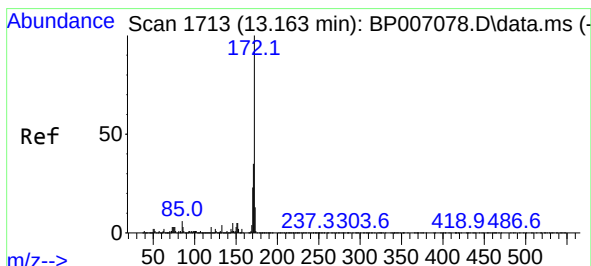
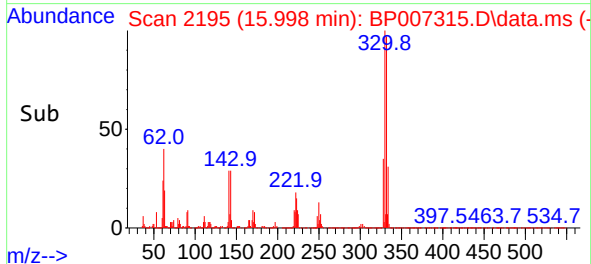
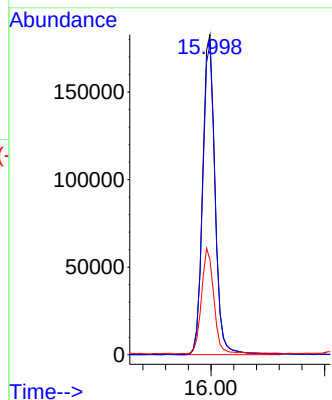
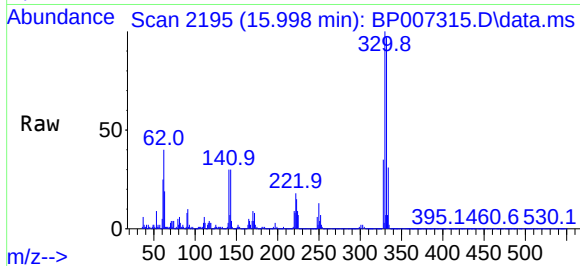




#42  
2,4,6-Tribromophenol  
Concen: 35.47 ng  
RT: 15.998 min Scan# 2195  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

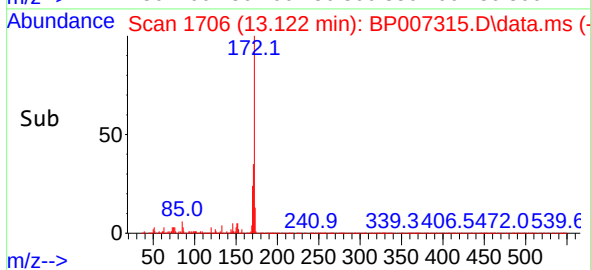
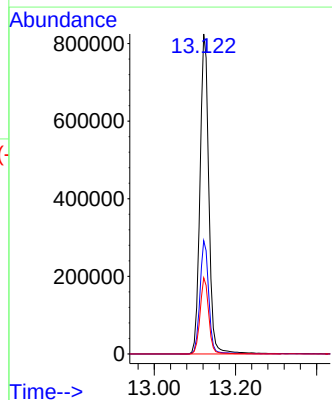
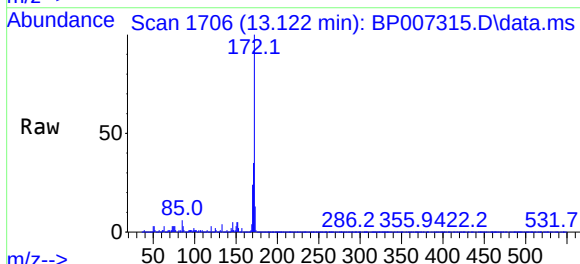
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BNA\_P  
ClientSampleId :  
HD-01-100121

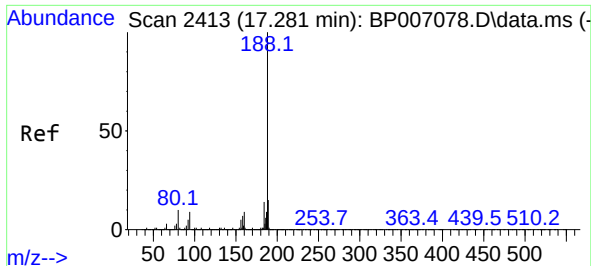
Tgt Ion:330 Resp: 276803  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.8 116.8  
141 32.5 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 29.89 ng  
RT: 13.122 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

Tgt Ion:172 Resp: 1255916  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.9 41.9  
170 23.8 18.6 27.8

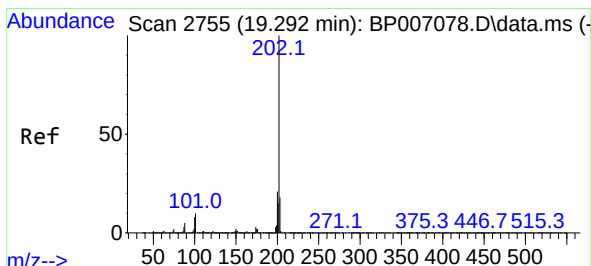
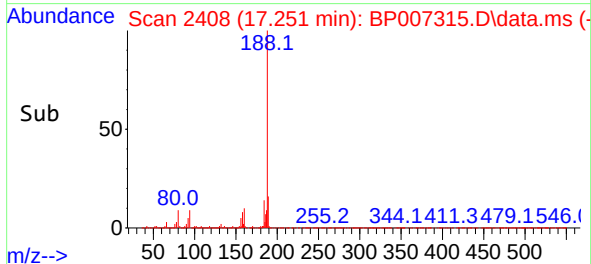
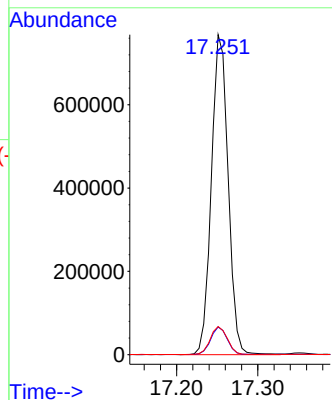
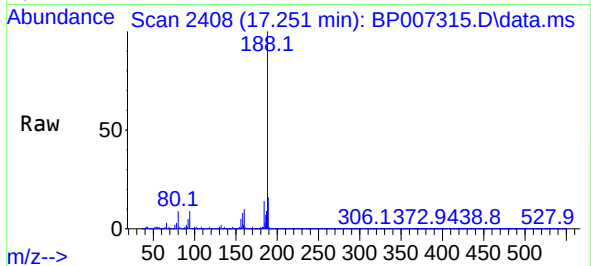




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.251 min Scan# 2408  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

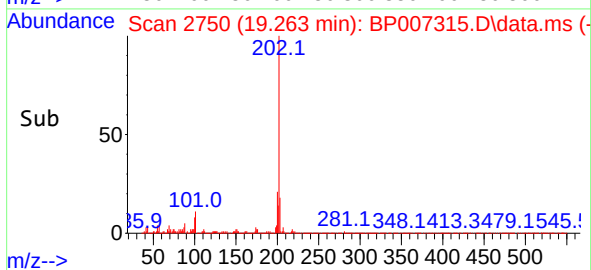
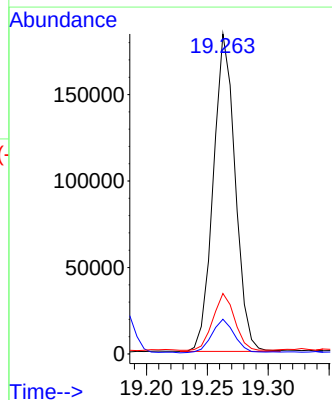
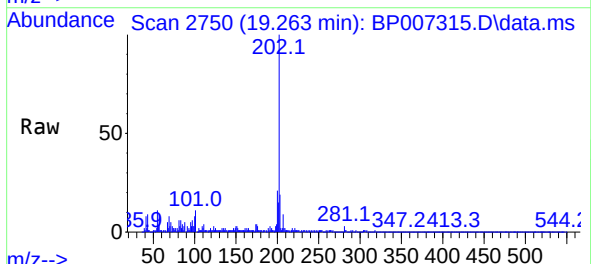
Instrument :  
BNA\_P  
ClientSampleId :  
HD-01-100121

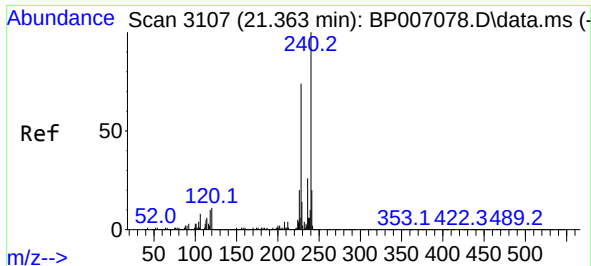
Tgt Ion:188 Resp: 1098983  
Ion Ratio Lower Upper  
188 100  
94 8.6 5.6 8.4#  
80 8.8 6.3 9.5



#75  
Fluoranthene  
Concen: 3.38 ng  
RT: 19.263 min Scan# 2750  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

Tgt Ion:202 Resp: 229764  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 27.6  
203 18.9 0.0 37.8

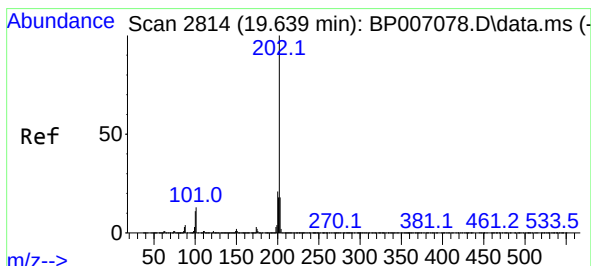
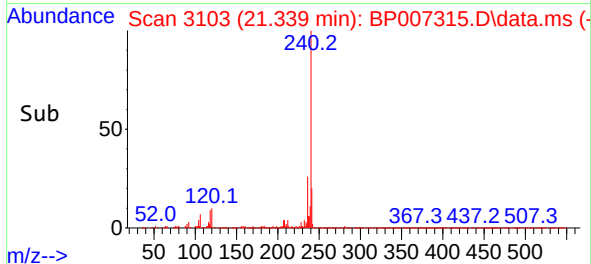
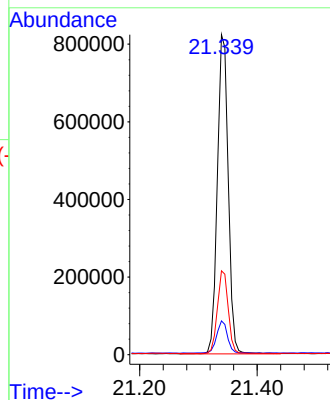
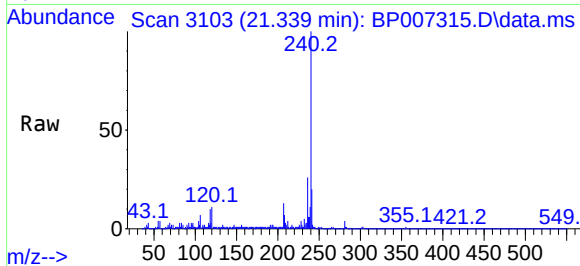




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.339 min Scan# 3103  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

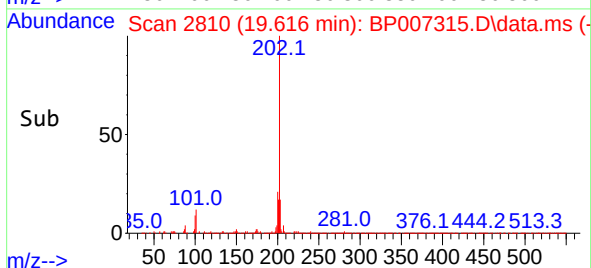
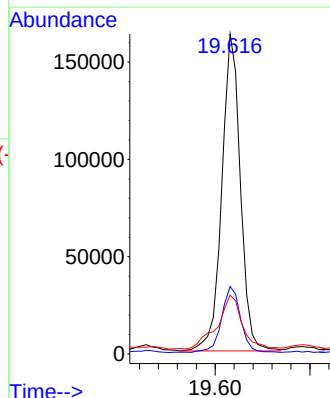
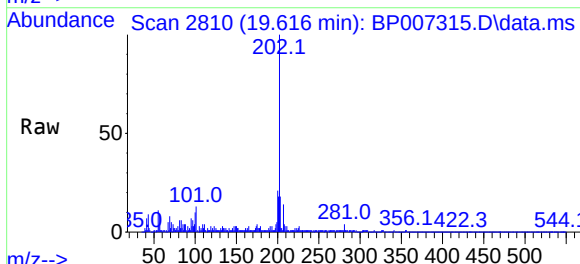
Instrument :  
BNA\_P  
ClientSampleId :  
HD-01-100121

Tgt Ion:240 Resp: 1055467  
Ion Ratio Lower Upper  
240 100  
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236 26.2 20.6 31.0

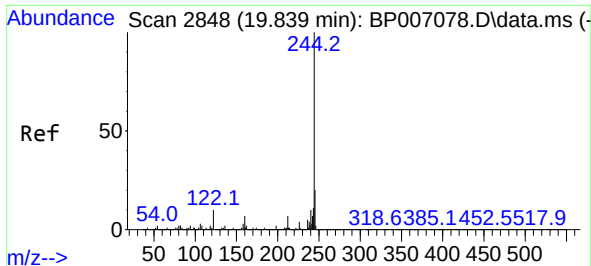


#78  
Pyrene  
Concen: 3.21 ng  
RT: 19.616 min Scan# 2810  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

Tgt Ion:202 Resp: 222055  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.3 24.5  
203 18.4 14.2 21.2



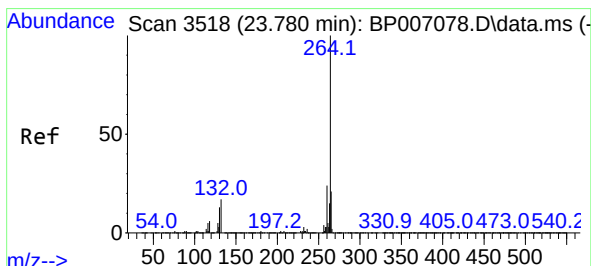
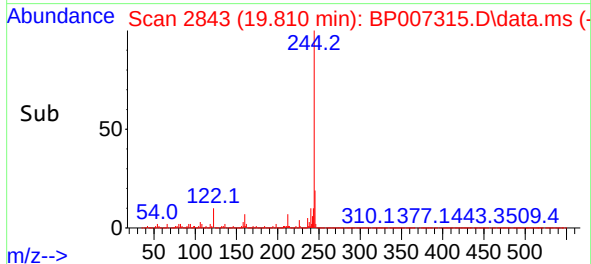
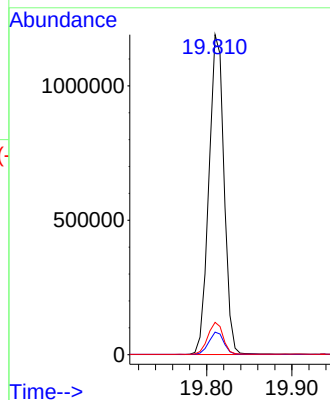
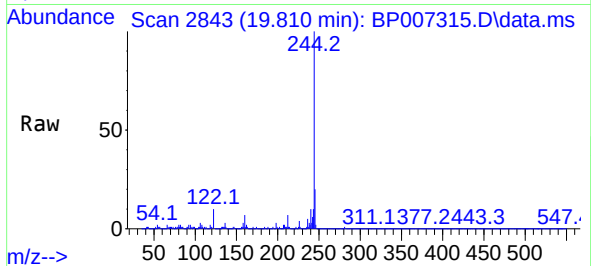




#79  
Terphenyl-d14  
Concen: 26.73 ng  
RT: 19.810 min Scan# 2843  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

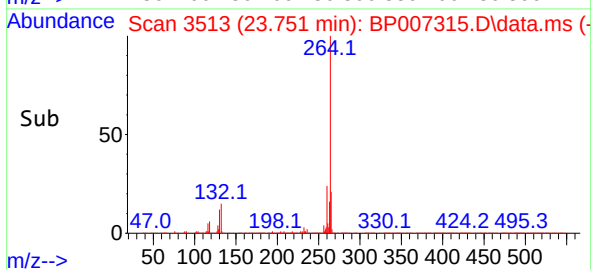
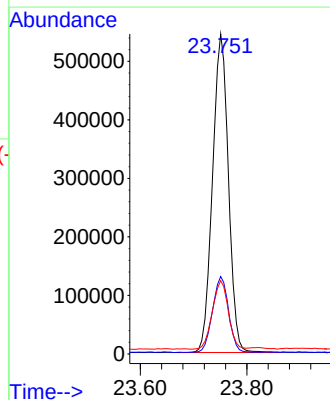
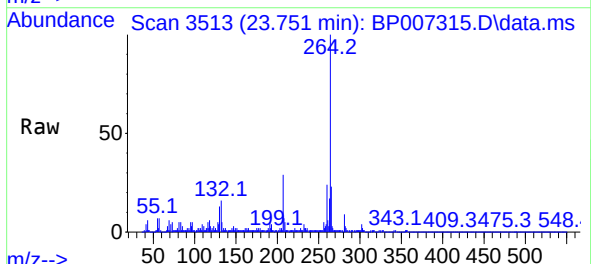
Instrument :  
BNA\_P  
ClientSampleId :  
HD-01-100121

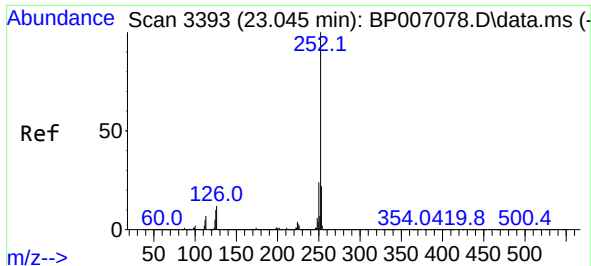
Tgt Ion:244 Resp: 1472243  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.0 9.0  
122 10.1 7.1 10.7



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.751 min Scan# 3513  
Delta R.T. 0.006 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

Tgt Ion:264 Resp: 1127836  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.6 28.0  
265 22.9 17.6 26.4

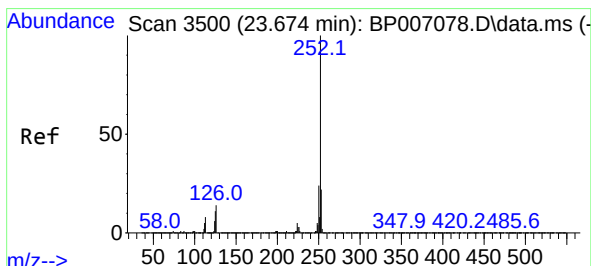
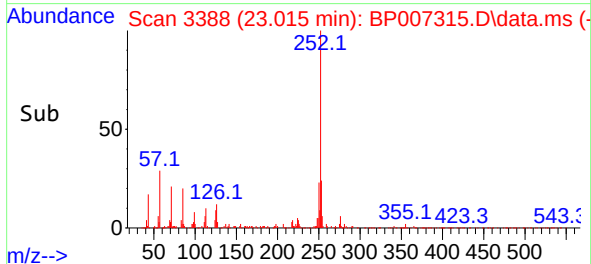
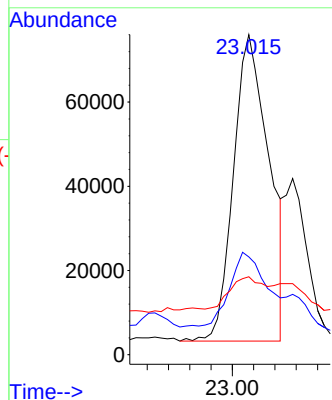
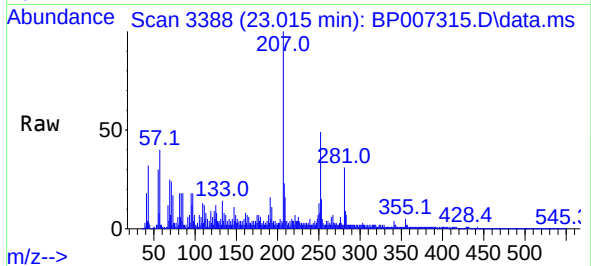




#88  
Benzo(b)fluoranthene  
Concen: 2.50 ng  
RT: 23.015 min Scan# 3388  
Delta R.T. 0.006 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

Instrument :  
BNA\_P  
ClientSampleId :  
HD-01-100121

Tgt Ion:252 Resp: 168566  
Ion Ratio Lower Upper  
252 100  
253 30.5 17.5 26.3#  
125 24.4 6.2 9.4#



#90  
Benzo(a)pyrene  
Concen: 2.22 ng  
RT: 23.639 min Scan# 3494  
Delta R.T. 0.000 min  
Lab File: BP007315.D  
Acq: 04 Oct 2021 20:54

Tgt Ion:252 Resp: 127241  
Ion Ratio Lower Upper  
252 100  
253 32.0 17.9 26.9#  
125 29.7 6.5 9.7#

