

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030722\  
 Data File : BP009288.D  
 Acq On : 07 Mar 2022 16:43  
 Operator : CG/JU  
 Sample : N1708-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PPSP-B5-20.5-21.0

Quant Time: Mar 07 17:13:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 01:55:59 2022  
 Response via : Initial Calibration

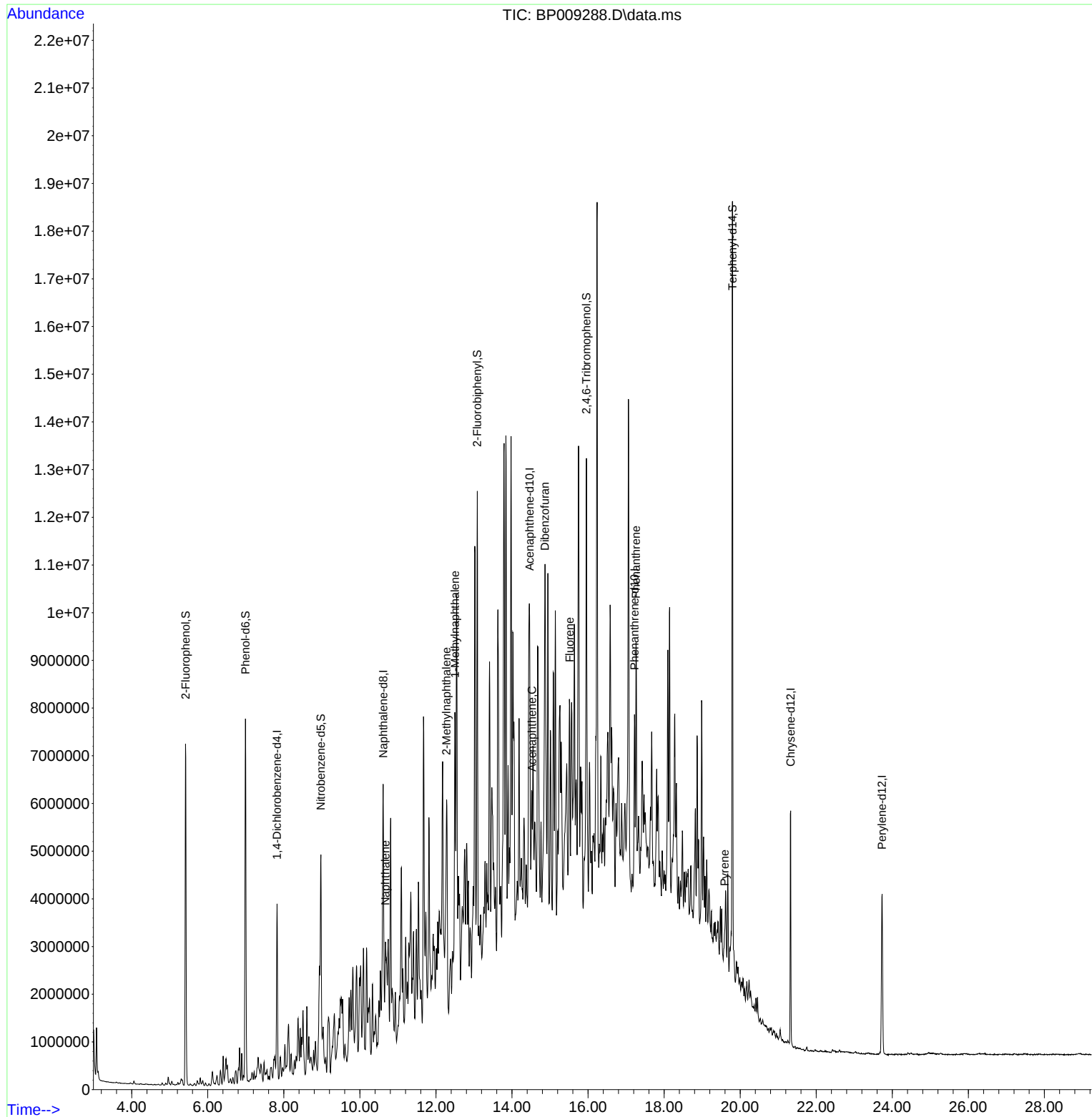
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.822  | 152  | 551039   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.616 | 136  | 2073109  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.463 | 164  | 1251686  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.222 | 188  | 2389904  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.327 | 240  | 2496093  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.733 | 264  | 2625736  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 3501038  | 92.741  | ng    | 0.00     |
| 7) Phenol-d6                | 6.993  | 99   | 4357019  | 90.822  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.975  | 82   | 2714655  | 72.123  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.957 | 330  | 1540084  | 101.897 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.087 | 172  | 5490554  | 60.324  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.798 | 244  | 8253868  | 62.402  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.669 | 128  | 281769   | 2.454   | ng    | # 74     |
| 37) 2-Methylnaphthalene     | 12.281 | 142  | 1259104  | 15.436  | ng    | 95       |
| 38) 1-Methylnaphthalene     | 12.504 | 142  | 2505828  | 33.357  | ng    | 99       |
| 52) Acenaphthene            | 14.528 | 154  | 295213   | 3.851   | ng    | # 89     |
| 55) Dibenzofuran            | 14.863 | 168  | 402581   | 3.467   | ng    | # 1      |
| 58) Fluorene                | 15.516 | 166  | 910349   | 10.012  | ng    | # 87     |
| 71) Phenanthrene            | 17.263 | 178  | 3048837  | 22.198  | ng    | 97       |
| 78) Pyrene                  | 19.592 | 202  | 523264   | 3.105   | ng    | # 95     |
| -----                       |        |      |          |         |       |          |

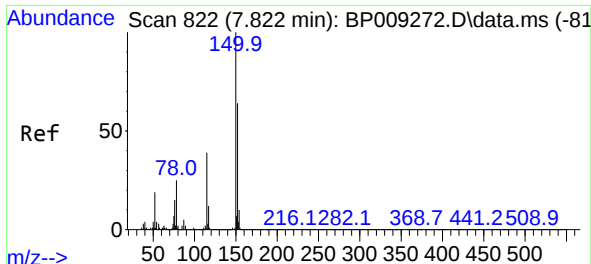
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 05 01:55:59 2022  
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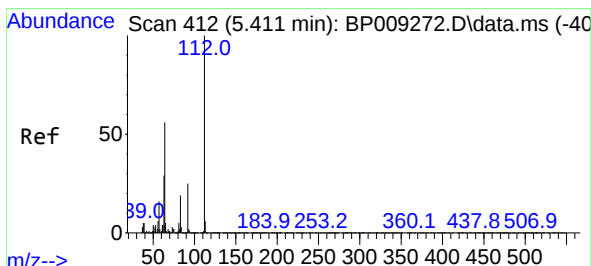
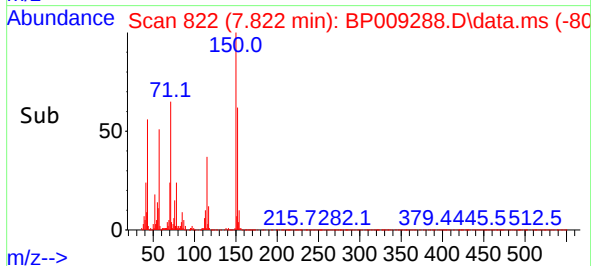
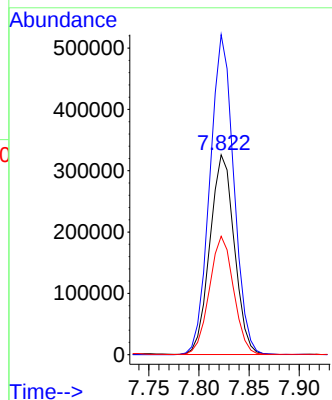
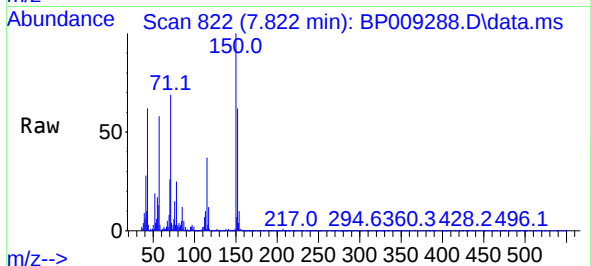




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.822 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

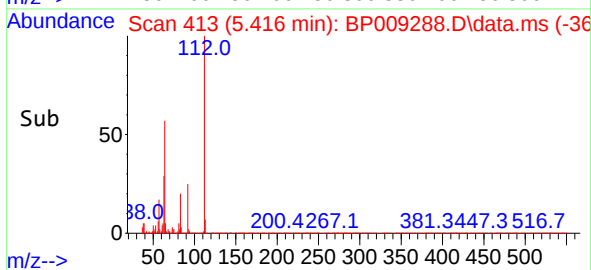
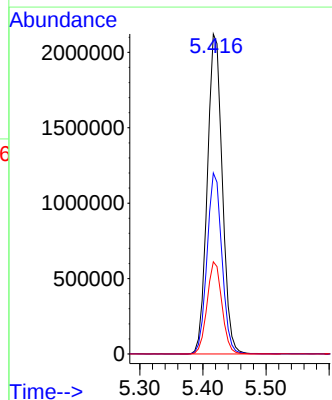
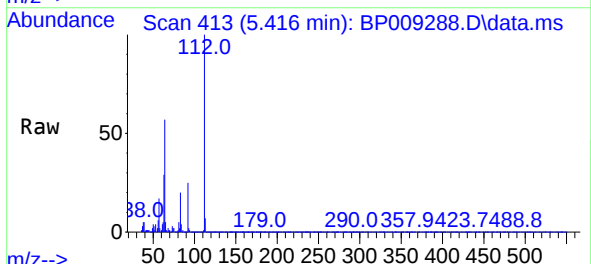
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BNA\_P  
ClientSampleId :  
PPSP-B5-20.5-21.0

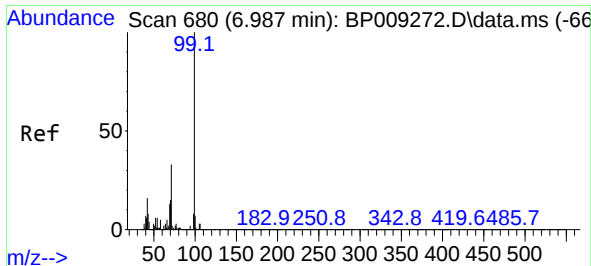
Tgt Ion:152 Resp: 551039  
Ion Ratio Lower Upper  
152 100  
150 160.1 124.5 186.7  
115 59.3 48.2 72.4



#5  
2-Fluorophenol  
Concen: 92.741 ng  
RT: 5.416 min Scan# 413  
Delta R.T. 0.005 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

Tgt Ion:112 Resp: 3501038  
Ion Ratio Lower Upper  
112 100  
64 56.6 45.0 67.4  
63 28.8 23.0 34.6

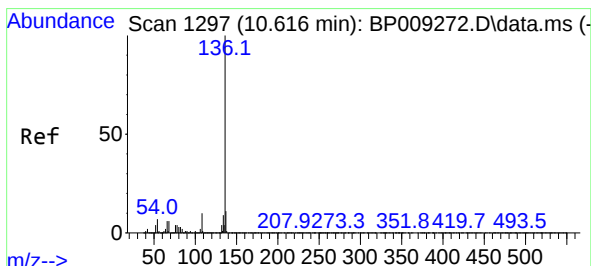
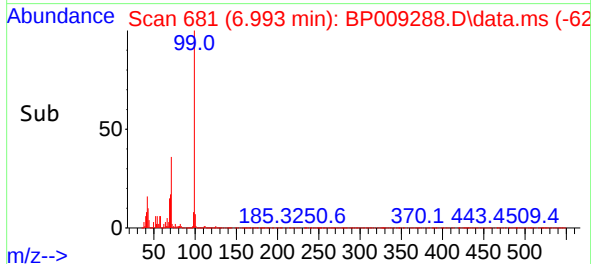
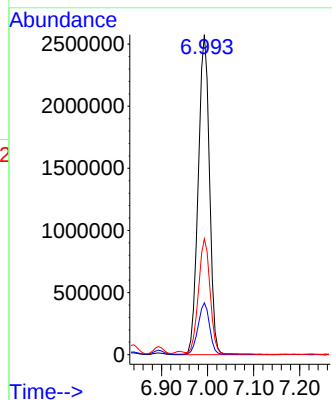
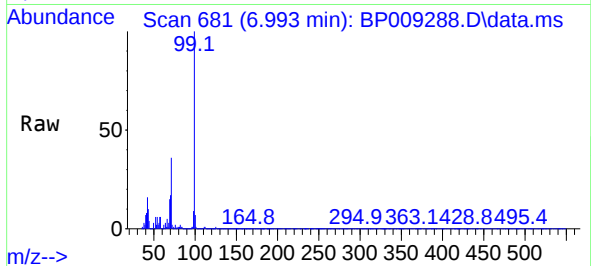




#7  
Phenol-d6  
Concen: 90.822 ng  
RT: 6.993 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

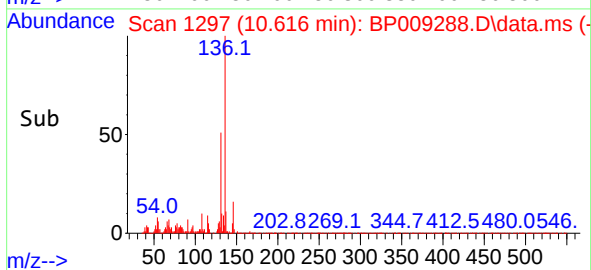
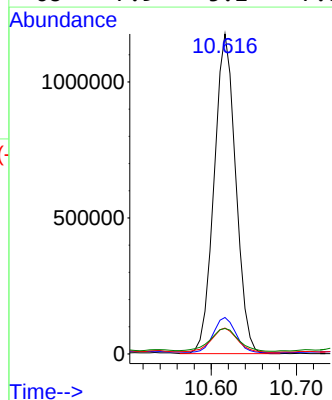
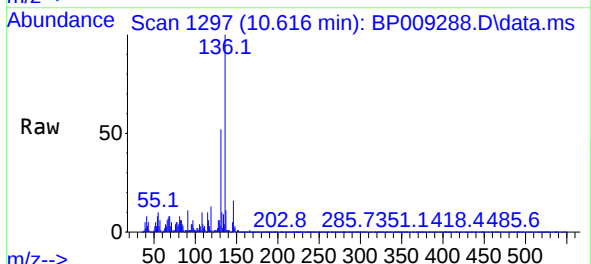
Instrument :  
BNA\_P  
ClientSampleId :  
PPSP-B5-20.5-21.0

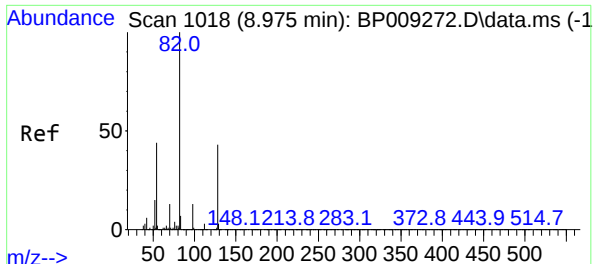
Tgt Ion: 99 Resp: 4357019  
Ion Ratio Lower Upper  
99 100  
42 16.2 12.8 19.2  
71 36.2 26.3 39.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.616 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

Tgt Ion:136 Resp: 2073109  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.6 12.8  
54 8.1 5.8 8.8  
68 7.9 5.2 7.8#

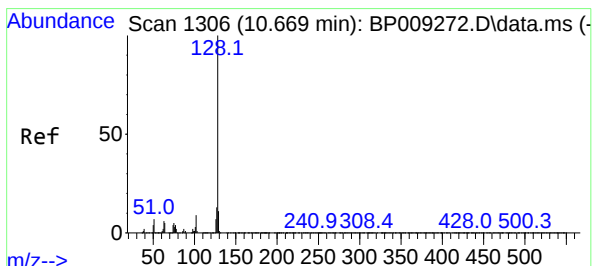
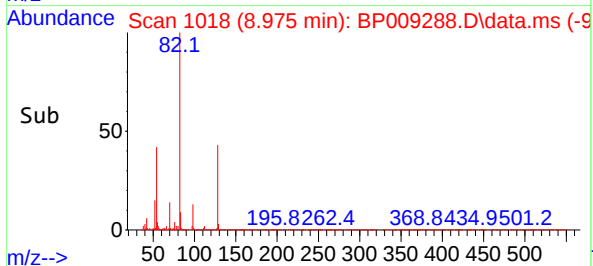
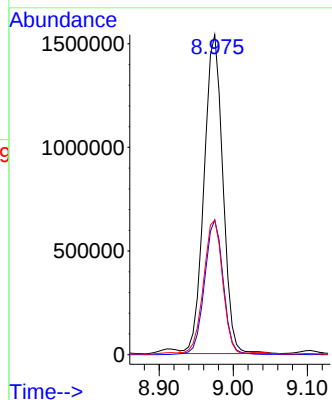
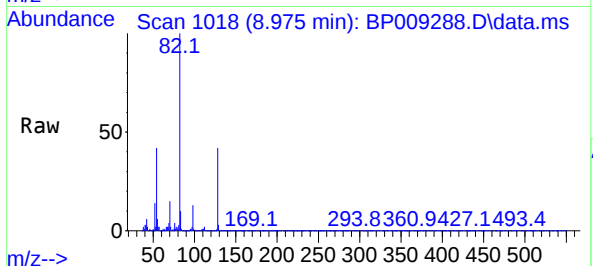




#23  
Nitrobenzene-d5  
Concen: 72.123 ng  
RT: 8.975 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

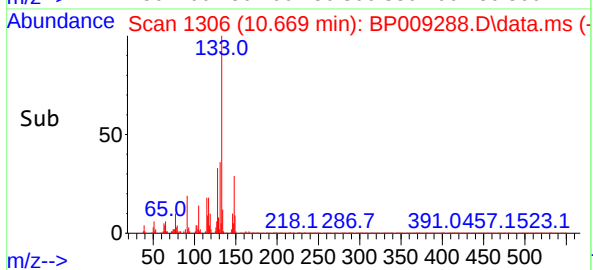
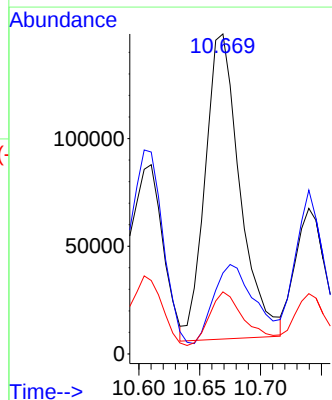
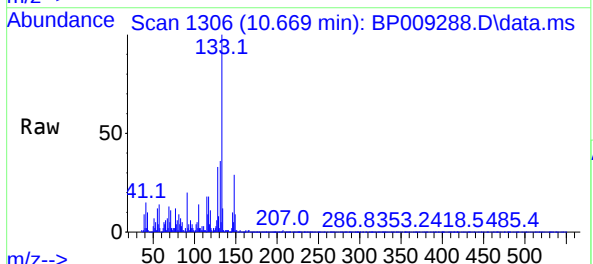
Instrument :  
BNA\_P  
ClientSampleId :  
PPSP-B5-20.5-21.0

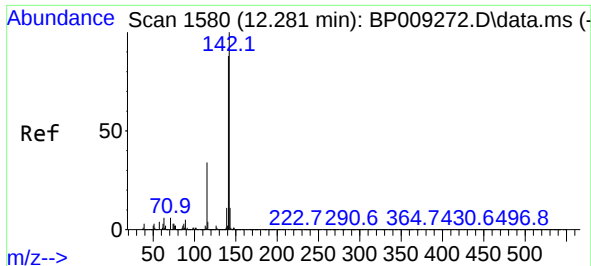
Tgt Ion: 82 Resp: 2714655  
Ion Ratio Lower Upper  
82 100  
128 42.1 34.2 51.4  
54 42.0 34.7 52.1



#31  
Naphthalene  
Concen: 2.454 ng  
RT: 10.669 min Scan# 1306  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

Tgt Ion: 128 Resp: 281769  
Ion Ratio Lower Upper  
128 100  
129 25.3 8.6 13.0#  
127 19.4 10.5 15.7#

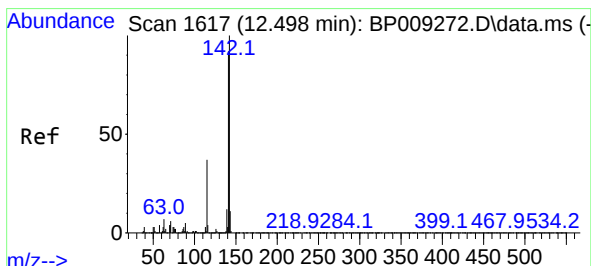
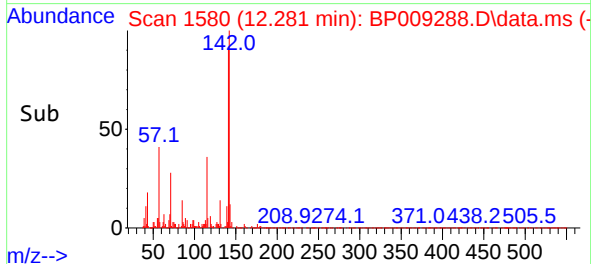
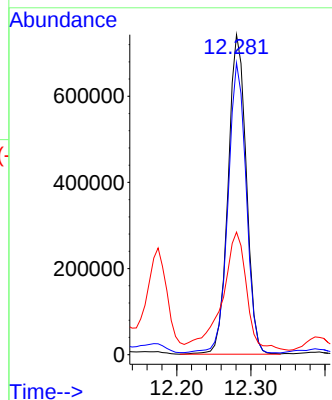
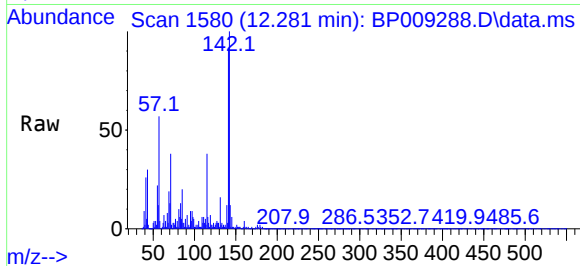




#37  
2-Methylnaphthalene  
Concen: 15.436 ng  
RT: 12.281 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

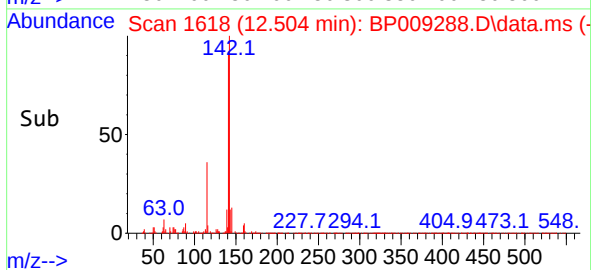
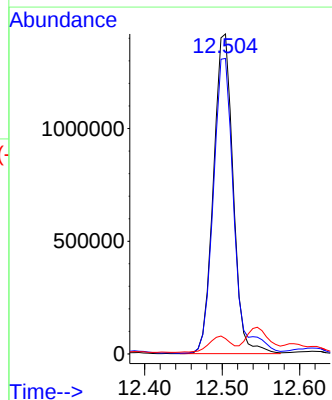
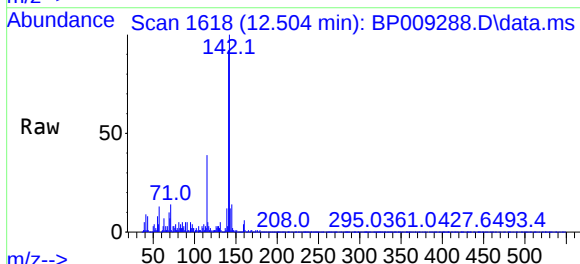
Instrument :  
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ClientSampleId :  
PPSP-B5-20.5-21.0

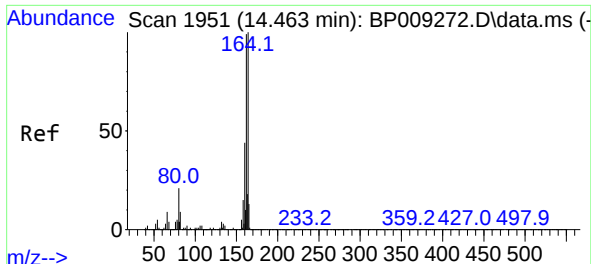
Tgt Ion:142 Resp: 1259104  
Ion Ratio Lower Upper  
142 100  
141 91.1 70.2 105.4  
115 38.3 27.4 41.2



#38  
1-Methylnaphthalene  
Concen: 33.357 ng  
RT: 12.504 min Scan# 1618  
Delta R.T. 0.006 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

Tgt Ion:142 Resp: 2505828  
Ion Ratio Lower Upper  
142 100  
141 92.4 73.5 110.3  
116 4.8 3.3 4.9

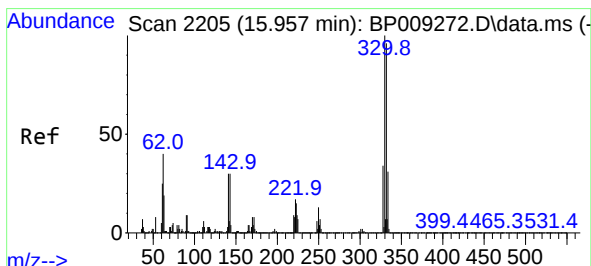
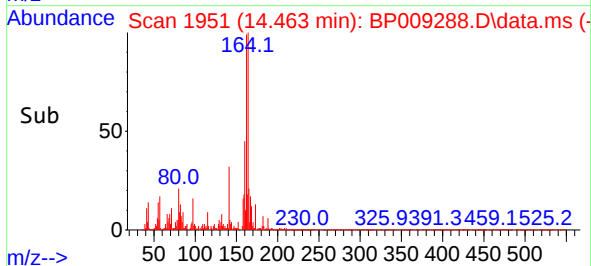
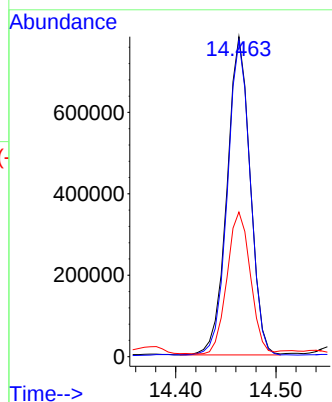
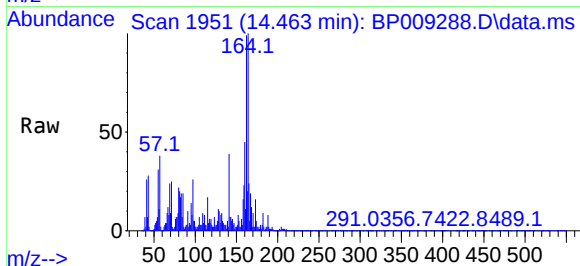




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.463 min Scan# 1951  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

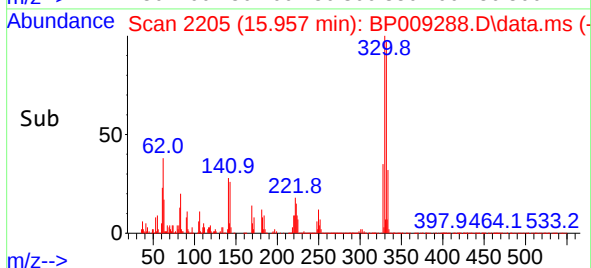
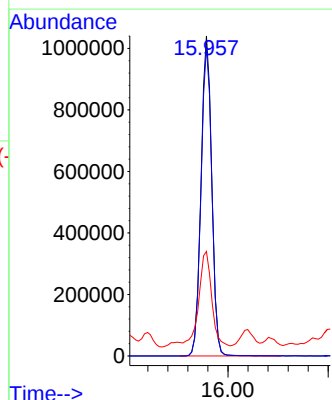
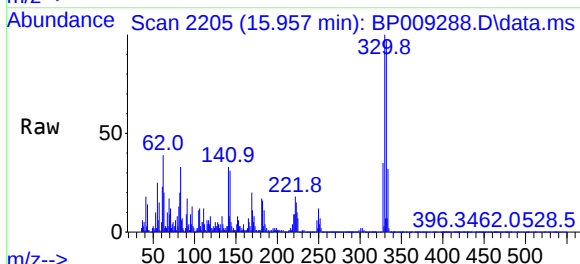
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ClientSampleId :  
PPSP-B5-20.5-21.0

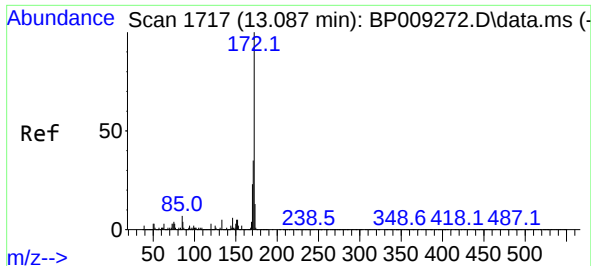
Tgt Ion:164 Resp: 1251686  
Ion Ratio Lower Upper  
164 100  
162 98.8 79.1 118.7  
160 45.2 34.9 52.3



#42  
2,4,6-Tribromophenol  
Concen: 101.897 ng  
RT: 15.957 min Scan# 2205  
Delta R.T. 0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

Tgt Ion:330 Resp: 1540084  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.0 115.6  
141 35.0 27.6 41.4

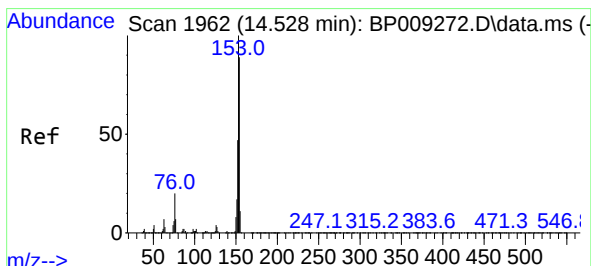
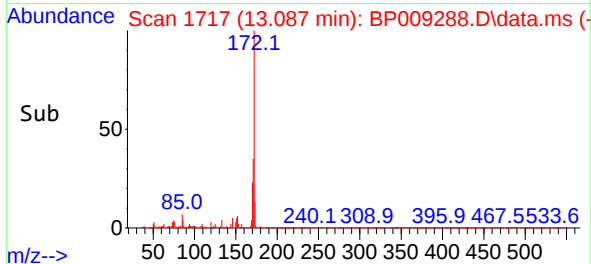
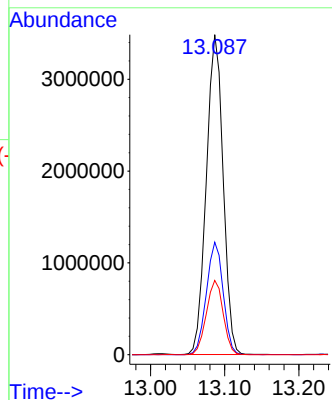
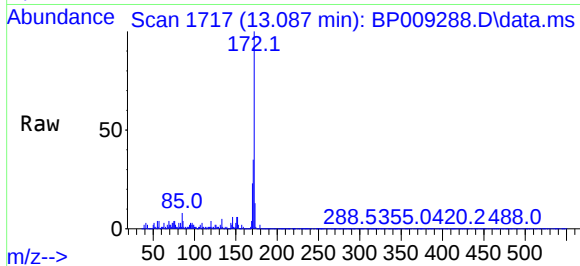




#45  
2-Fluorobiphenyl  
Concen: 60.324 ng  
RT: 13.087 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

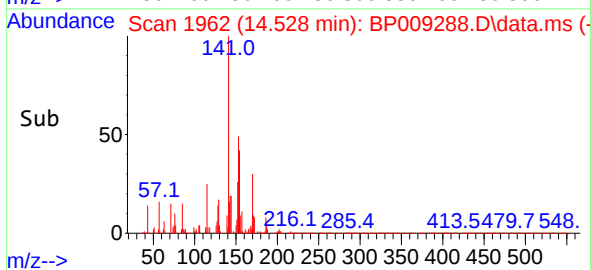
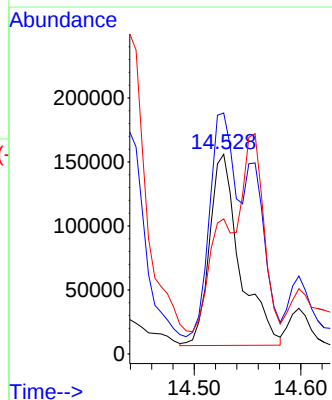
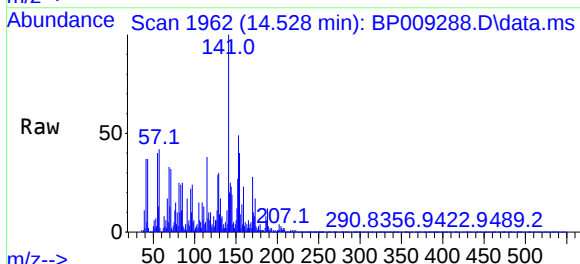
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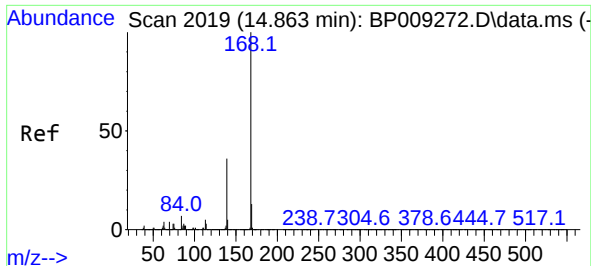
Tgt Ion:172 Resp: 5490554  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.0 42.0  
170 23.2 18.6 27.8



#52  
Acenaphthene  
Concen: 3.851 ng  
RT: 14.528 min Scan# 1962  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

Tgt Ion:154 Resp: 295213  
Ion Ratio Lower Upper  
154 100  
153 120.7 90.2 135.4  
152 67.6 42.7 64.1#

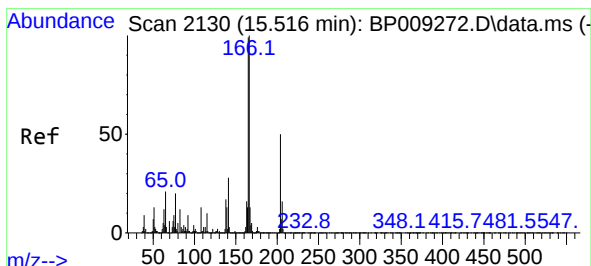
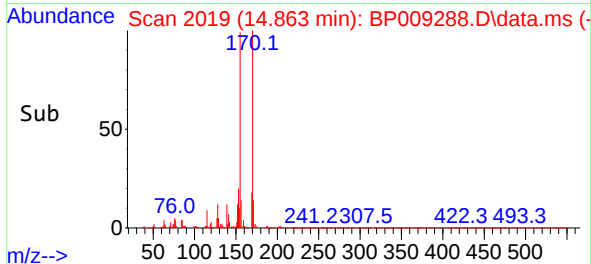
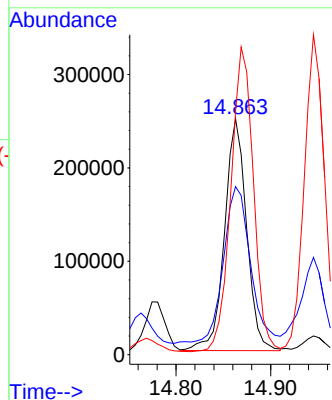
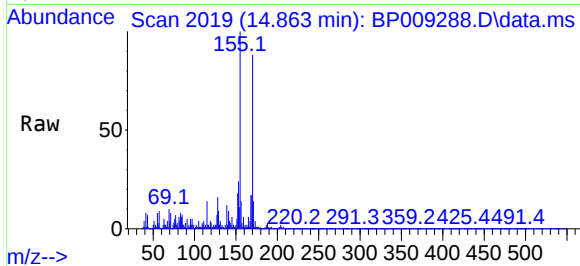




#55  
Dibenzenofuran  
Concen: 3.467 ng  
RT: 14.863 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

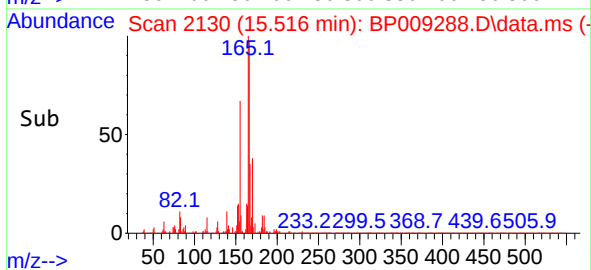
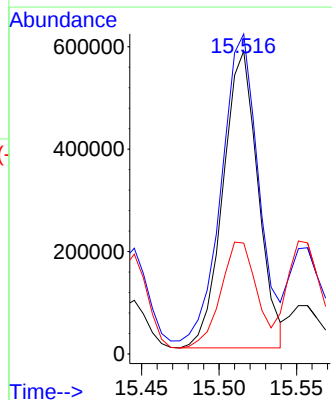
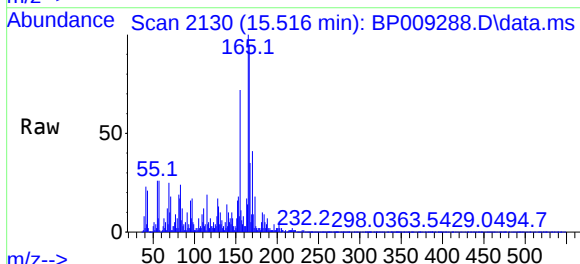
Instrument :  
BNA\_P  
ClientSampleId :  
PPSP-B5-20.5-21.0

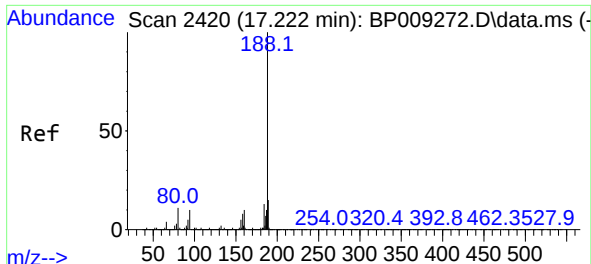
Tgt Ion:168 Resp: 402581  
Ion Ratio Lower Upper  
168 100  
139 71.2 29.1 43.7#  
169 103.1 10.6 16.0#



#58  
Fluorene  
Concen: 10.012 ng  
RT: 15.516 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

Tgt Ion:166 Resp: 910349  
Ion Ratio Lower Upper  
166 100  
165 105.7 79.2 118.8  
167 36.6 10.7 16.1#

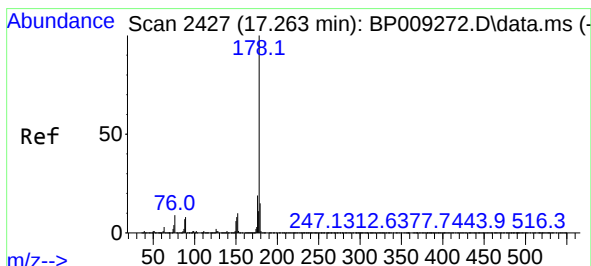
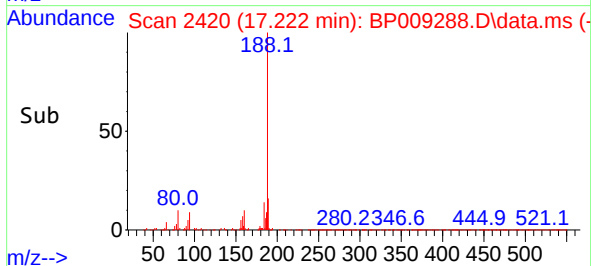
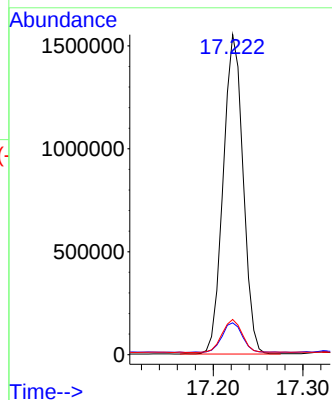
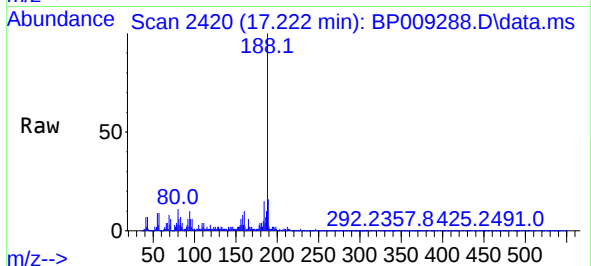




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.222 min Scan# 2420  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

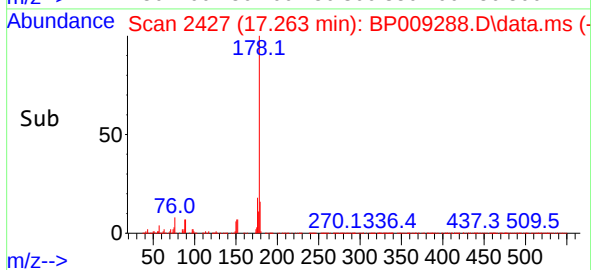
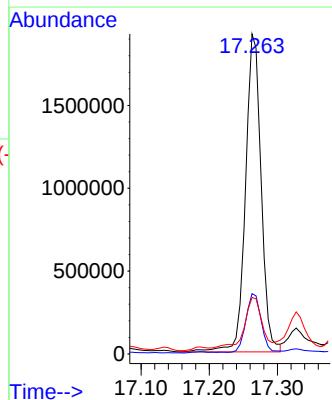
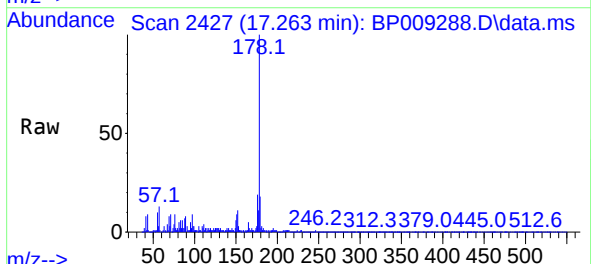
Instrument :  
BNA\_P  
ClientSampleId :  
PPSP-B5-20.5-21.0

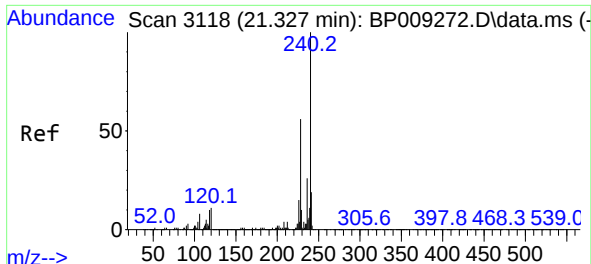
Tgt Ion:188 Resp: 2389904  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.9 11.9  
80 11.0 8.8 13.2



#71  
Phenanthrene  
Concen: 22.198 ng  
RT: 17.263 min Scan# 2427  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

Tgt Ion:178 Resp: 3048837  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.2  
179 17.6 12.3 18.5

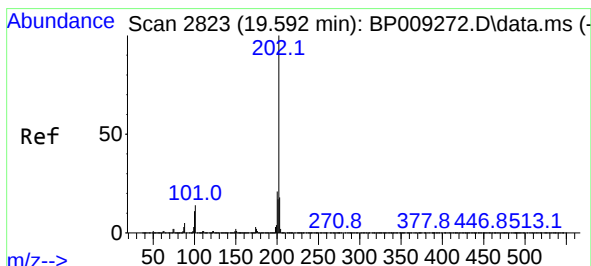
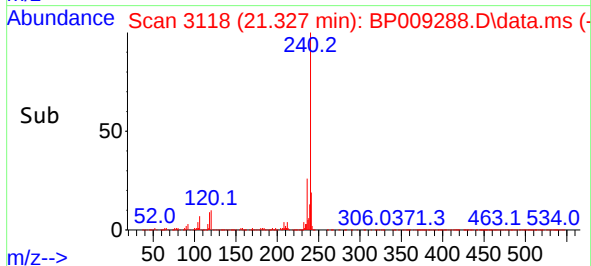
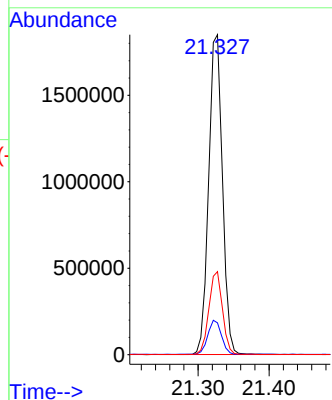
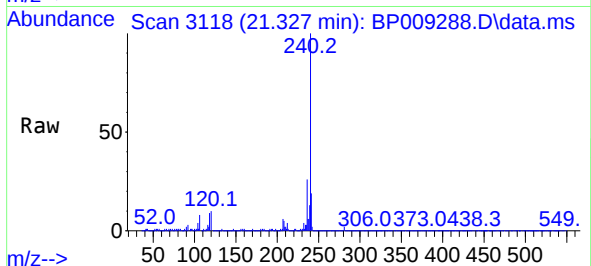




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.327 min Scan# 3118  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

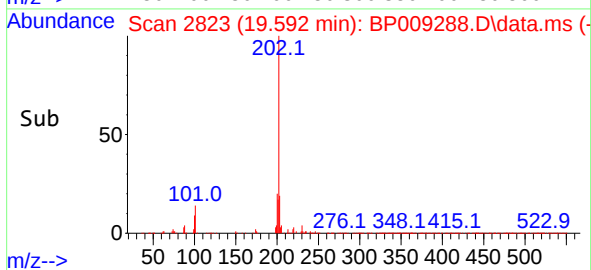
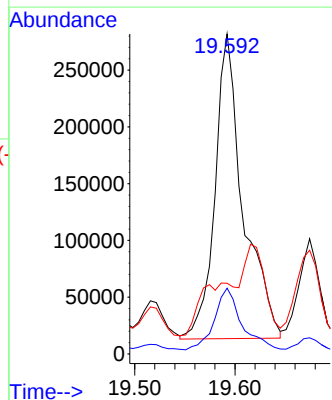
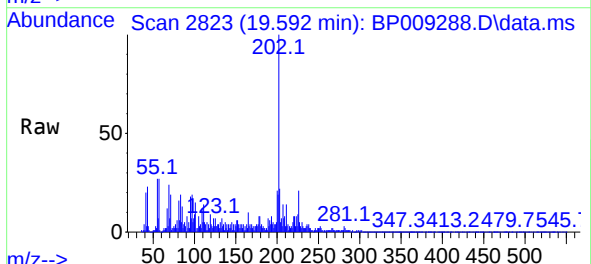
Instrument :  
BNA\_P  
ClientSampleId :  
PPSP-B5-20.5-21.0

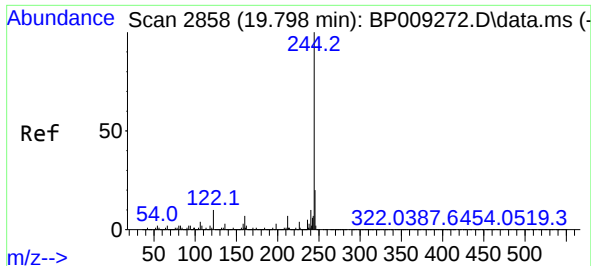
Tgt Ion:240 Resp: 2496093  
Ion Ratio Lower Upper  
240 100  
120 9.9 9.0 13.4  
236 25.9 20.6 30.8



#78  
Pyrene  
Concen: 3.105 ng  
RT: 19.592 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: BP009288.D  
Acq: 07 Mar 2022 16:43

Tgt Ion:202 Resp: 523264  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.8 25.2  
203 22.1 14.2 21.4#

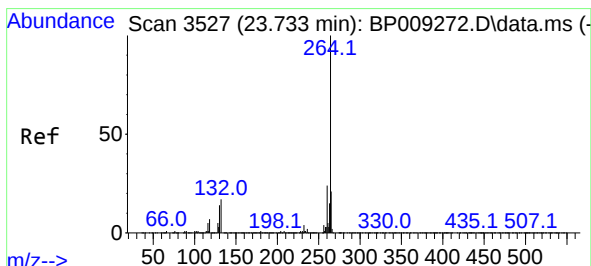
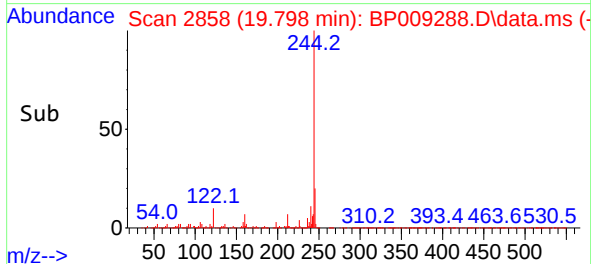
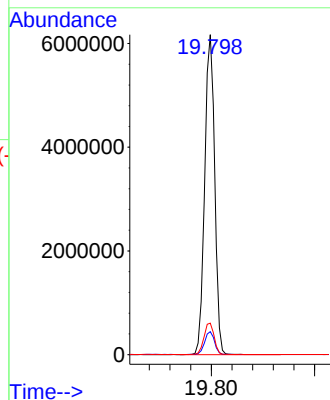
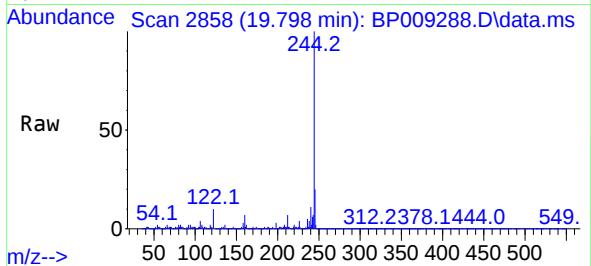




#79  
 Terphenyl-d14  
 Concen: 62.402 ng  
 RT: 19.798 min Scan# 2858  
 Delta R.T. -0.000 min  
 Lab File: BP009288.D  
 Acq: 07 Mar 2022 16:43

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PPSP-B5-20.5-21.0

Tgt Ion:244 Resp: 8253868  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 9.8 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.733 min Scan# 3527  
 Delta R.T. -0.000 min  
 Lab File: BP009288.D  
 Acq: 07 Mar 2022 16:43

Tgt Ion:264 Resp: 2625736  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.4 29.0  
 265 21.6 17.2 25.8

