

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070821\  
 Data File : BP006151.D  
 Acq On : 08 Jul 2021 21:33  
 Operator : CG/JU  
 Sample : M2967-09  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 1-5FT-CADMUS-AVE-TP-3

Quant Time: Jul 09 04:30:48 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 07 16:08:13 2021  
 Response via : Initial Calibration

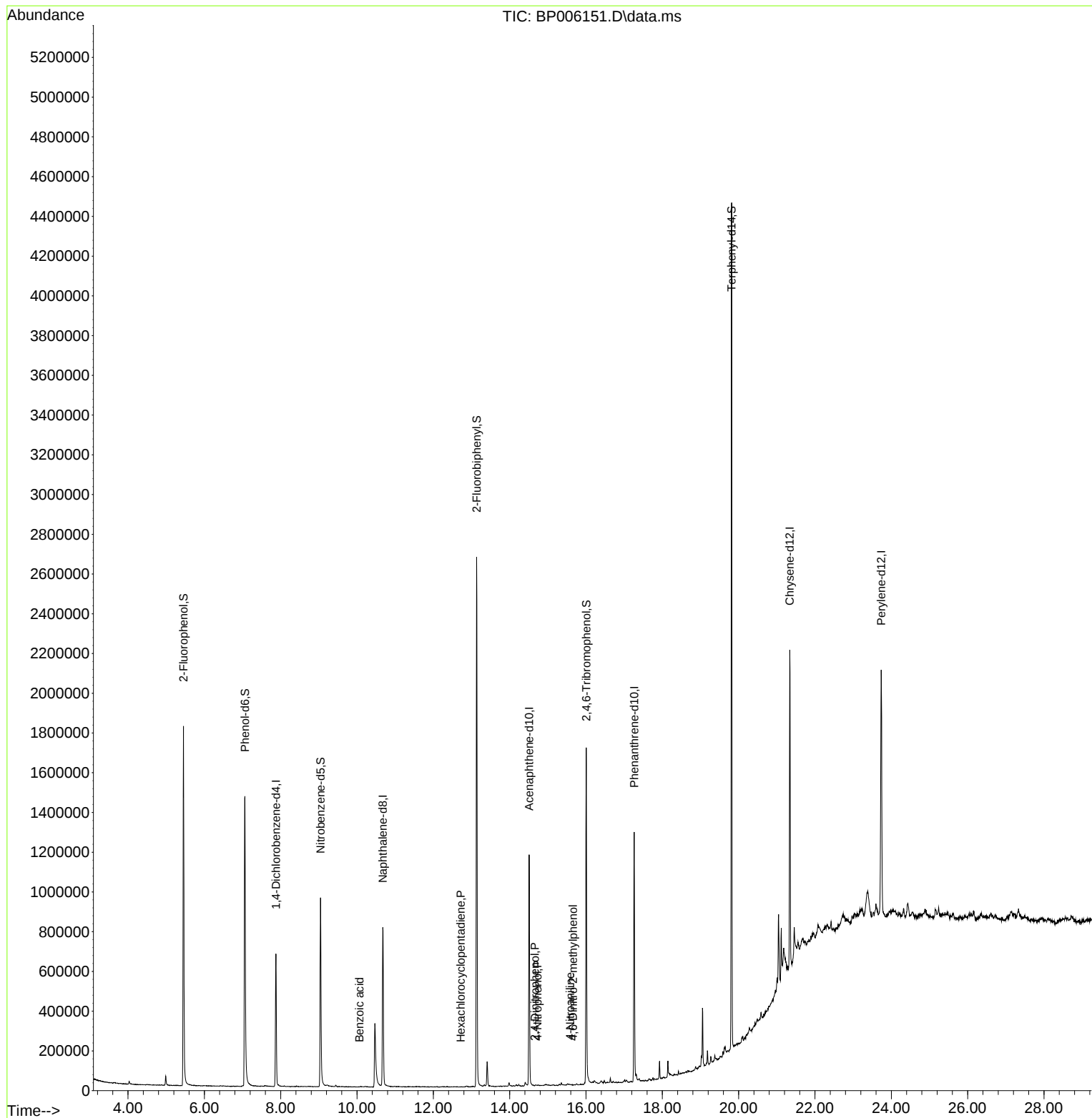
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.875  | 152  | 202250   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.675 | 136  | 746567   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.510 | 164  | 402742   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.263 | 188  | 749234   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.339 | 240  | 753461   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 23.733 | 264  | 894750   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.452  | 112  | 919865   | 78.26 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.063  | 99   | 1060038  | 68.18 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.046  | 82   | 611814   | 51.76 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.010 | 330  | 344107   | 71.77 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.134 | 172  | 1396121  | 51.25 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.816 | 244  | 1872855  | 49.01 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 32) Benzoic acid              | 10.063 | 122  | 41       | 6.91  | ng    | # 1      |
| 41) Hexachlorocyclopentadiene | 12.716 | 237  | 31       | 8.72  | ng    | 75       |
| 54) 2,4-Dinitrophenol         | 14.657 | 184  | 19       | 8.88  | ng    | # 1      |
| 56) 4-Nitrophenol             | 14.728 | 139  | 186      | 7.16  | ng    | 88       |
| 62) 4-Nitroaniline            | 15.586 | 138  | 129      | 2.98  | ng    | # 51     |
| 65) 4,6-Dinitro-2-methylph... | 15.663 | 198  | 24       | 4.42  | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

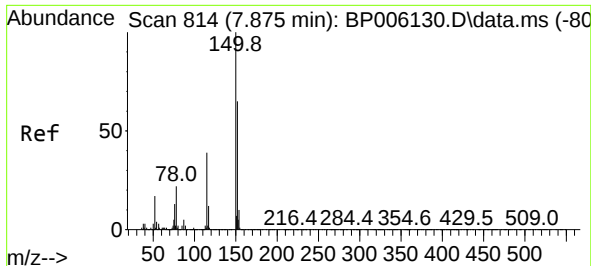
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070821\  
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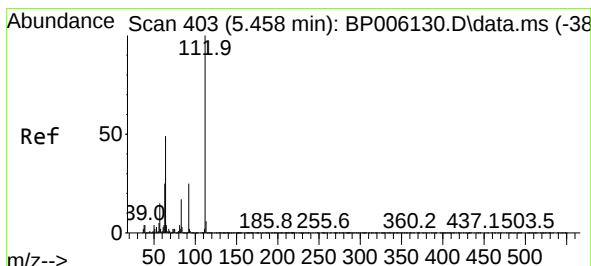
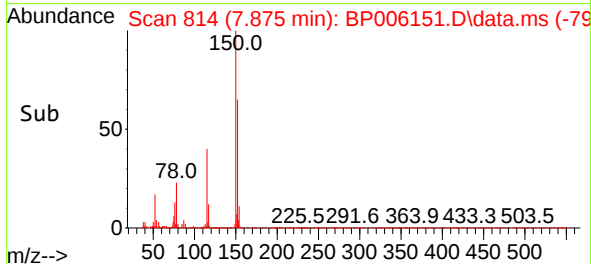
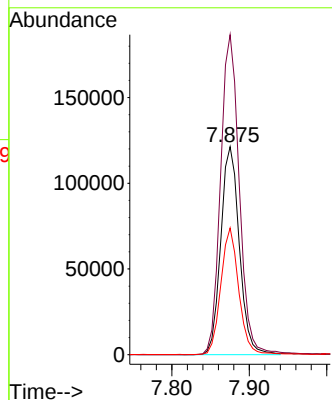
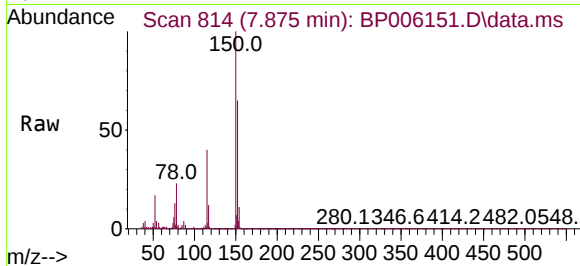




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.875 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

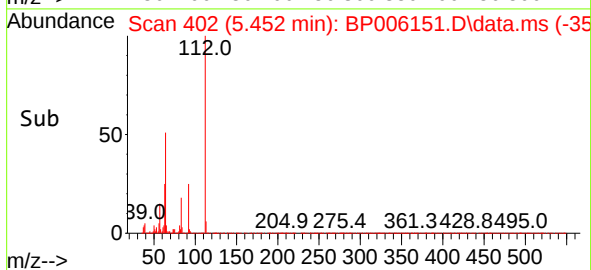
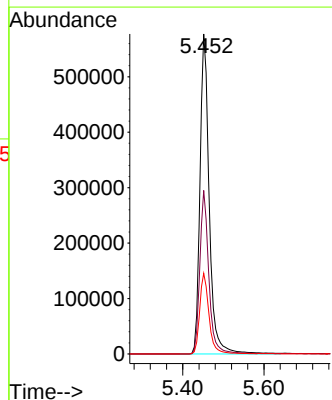
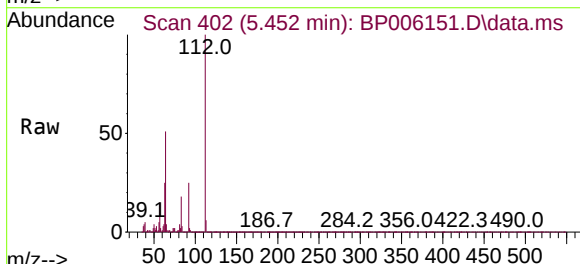
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ClientSampleId :  
1-5FT-CADMUS-AVE-TP-3

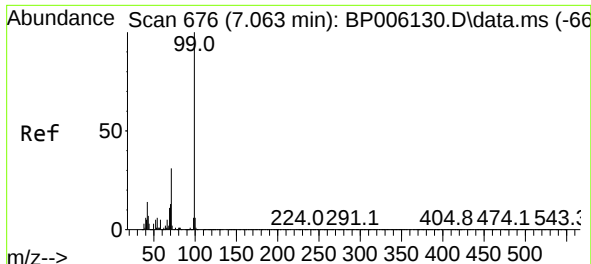
Tgt Ion:152 Resp: 202250  
Ion Ratio Lower Upper  
152 100  
150 153.8 125.6 188.4  
115 60.9 48.5 72.7



#5  
2-Fluorophenol  
Concen: 78.26 ng  
RT: 5.452 min Scan# 402  
Delta R.T. -0.006 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

Tgt Ion:112 Resp: 919865  
Ion Ratio Lower Upper  
112 100  
64 51.1 41.4 62.2  
63 25.2 23.8 35.8

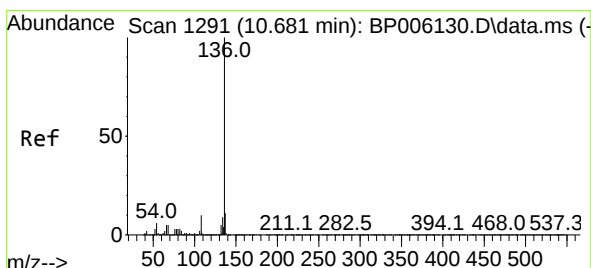
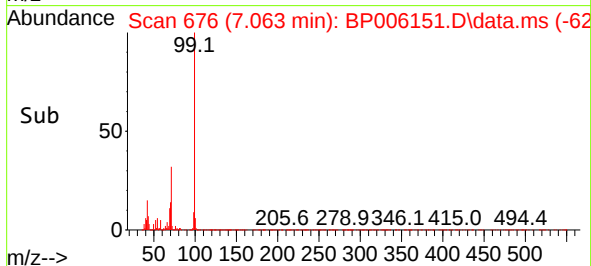
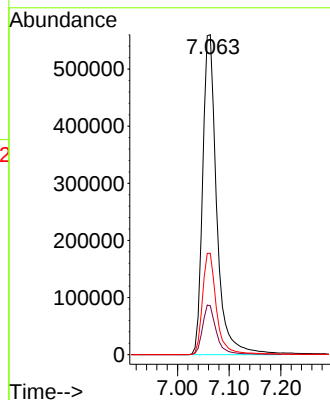
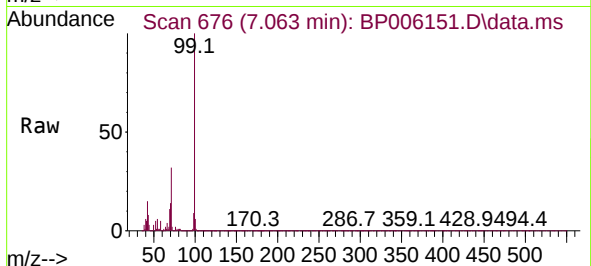




#7  
Phenol-d6  
Concen: 68.18 ng  
RT: 7.063 min Scan# 676  
Delta R.T. -0.000 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

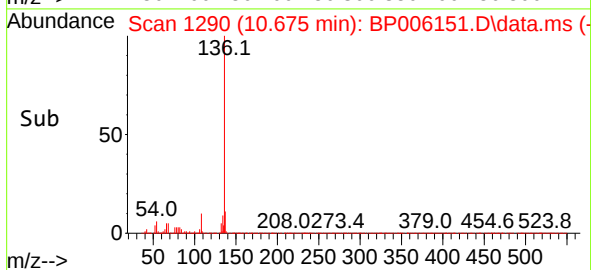
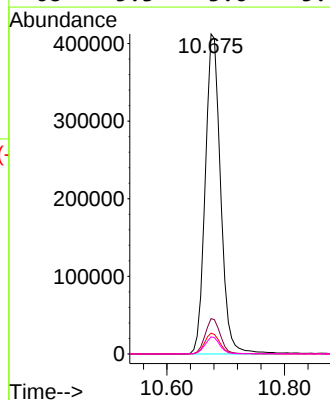
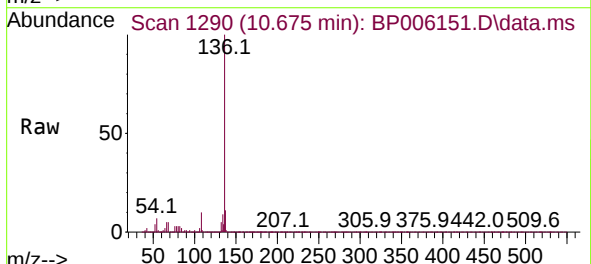
Instrument :  
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ClientSampleId :  
1-5FT-CADMUS-AVE-TP-3

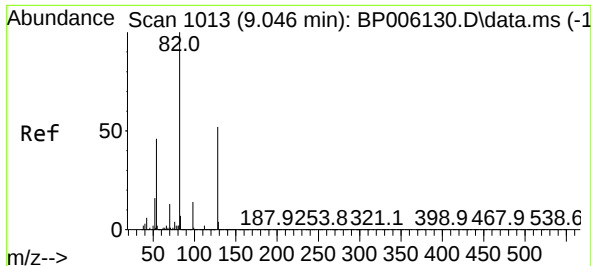
Tgt Ion: 99 Resp: 1060038  
Ion Ratio Lower Upper  
99 100  
42 15.3 13.4 20.0  
71 31.7 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.675 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

Tgt Ion: 136 Resp: 746567  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 6.5 4.6 6.8  
68 5.3 3.6 5.4

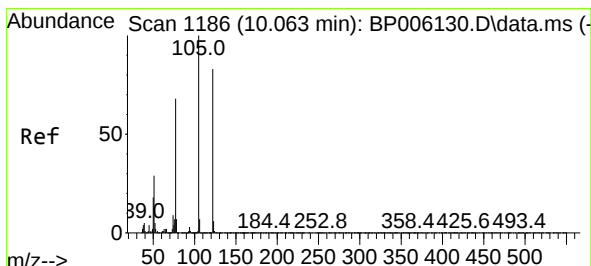
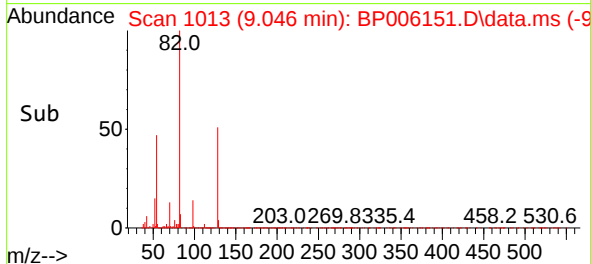
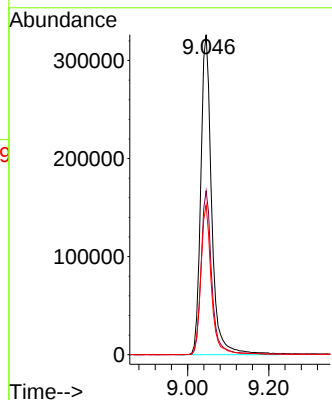
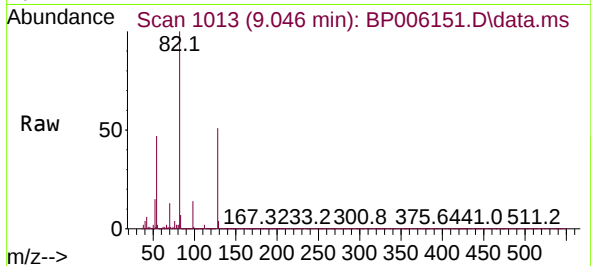




#23  
Nitrobenzene-d5  
Concen: 51.76 ng  
RT: 9.046 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

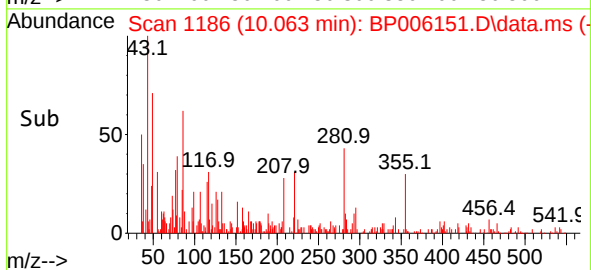
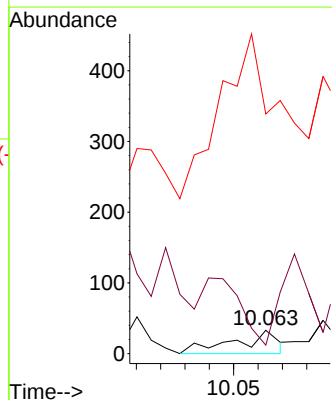
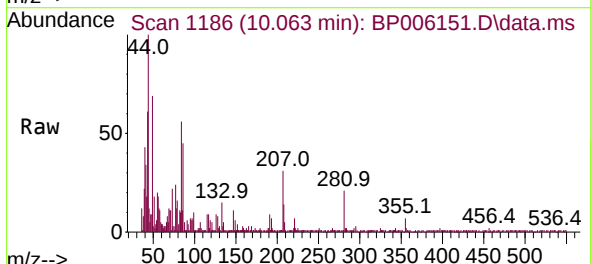
Instrument :  
BNA\_P  
ClientSampleId :  
1-5FT-CADMUS-AVE-TP-3

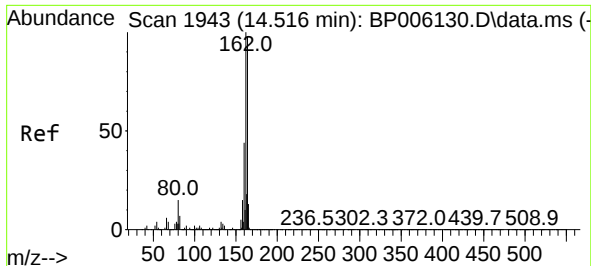
Tgt Ion: 82 Resp: 611814  
Ion Ratio Lower Upper  
82 100  
128 51.2 35.7 53.5  
54 46.8 35.0 52.4



#32  
Benzoic acid  
Concen: 6.91 ng  
RT: 10.063 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

Tgt Ion: 122 Resp: 41  
Ion Ratio Lower Upper  
122 100  
105 106.1 103.2 143.2  
77 1027.3 76.2 116.2#

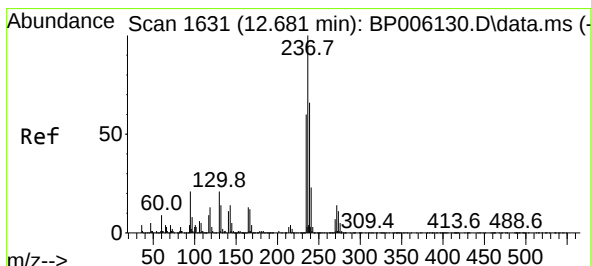
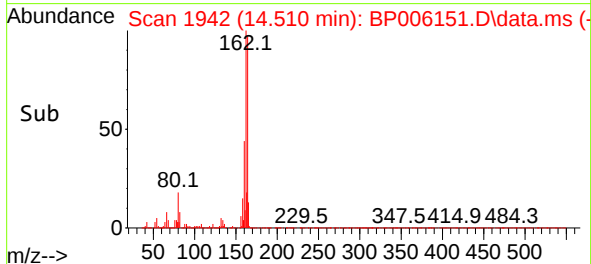
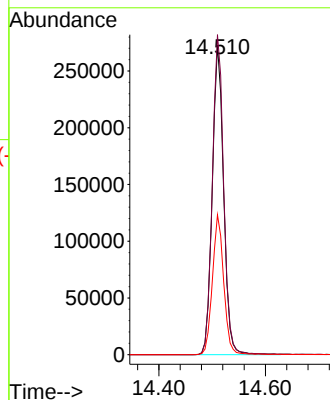
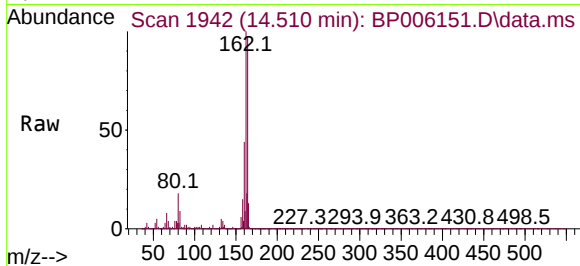




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.510 min Scan# 1942  
Delta R.T. -0.006 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

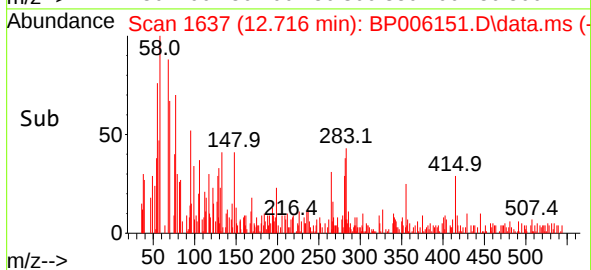
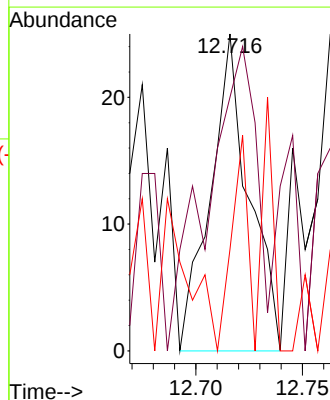
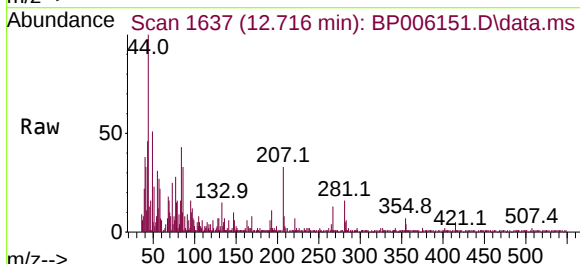
Instrument :  
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ClientSampleId :  
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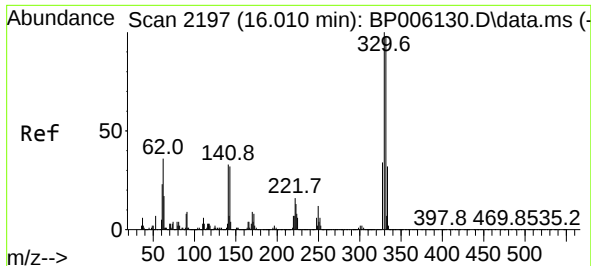
Tgt Ion:164 Resp: 402742  
Ion Ratio Lower Upper  
164 100  
162 103.5 80.2 120.2  
160 45.2 34.5 51.7



#41  
Hexachlorocyclopentadiene  
Concen: 8.72 ng  
RT: 12.716 min Scan# 1637  
Delta R.T. 0.035 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

Tgt Ion:237 Resp: 31  
Ion Ratio Lower Upper  
237 100  
235 80.0 44.5 84.5  
272 32.0 0.0 32.5

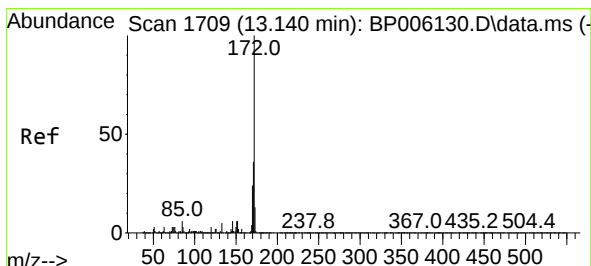
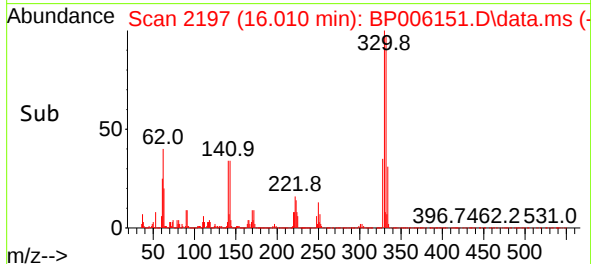
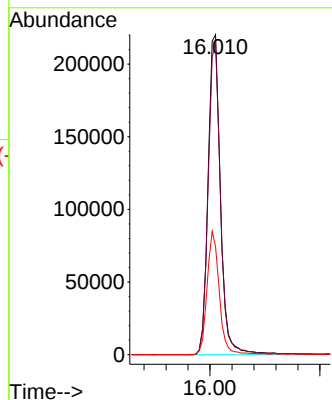
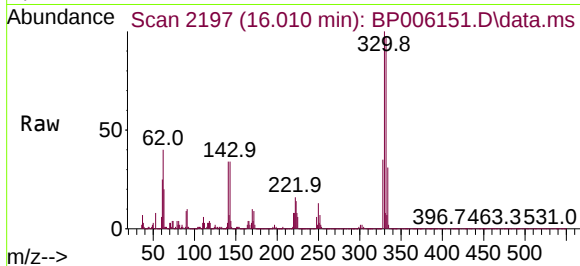




#42  
2,4,6-Tribromophenol  
Concen: 71.77 ng  
RT: 16.010 min Scan# 2197  
Delta R.T. -0.000 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

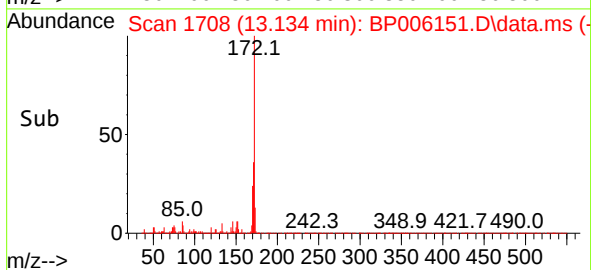
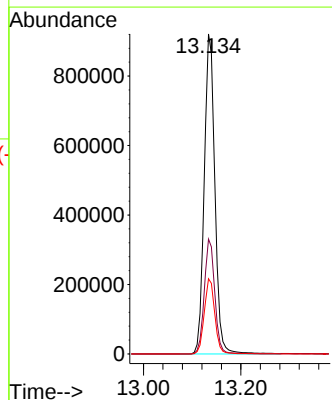
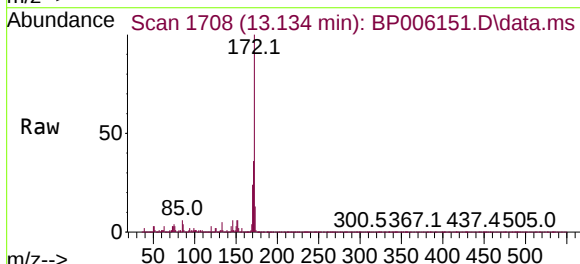
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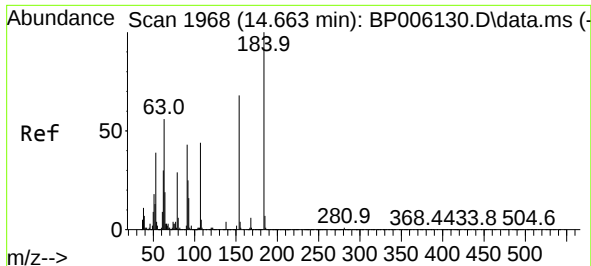
Tgt Ion:330 Resp: 344107  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.8  
141 38.2 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 51.25 ng  
RT: 13.134 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

Tgt Ion:172 Resp: 1396121  
Ion Ratio Lower Upper  
172 100  
171 35.9 27.9 41.9  
170 23.5 18.6 27.8

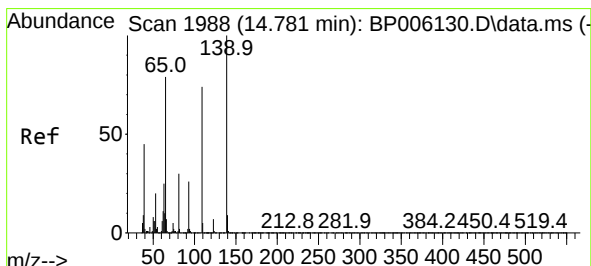
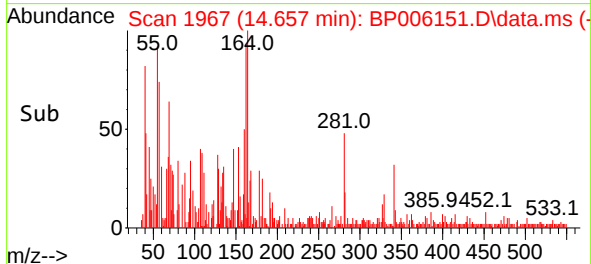
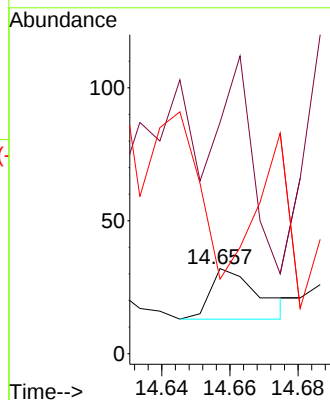
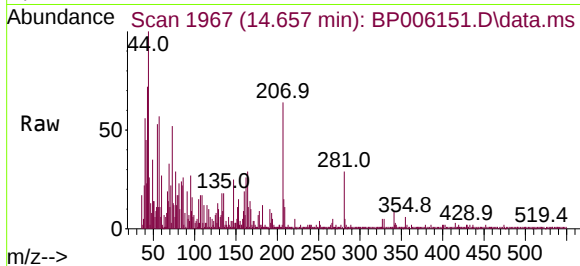




#54  
2,4-Dinitrophenol  
Concen: 8.88 ng  
RT: 14.657 min Scan# 1967  
Delta R.T. -0.006 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

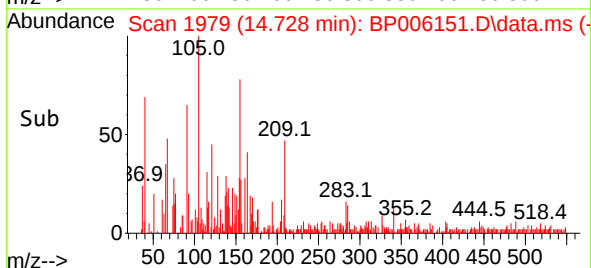
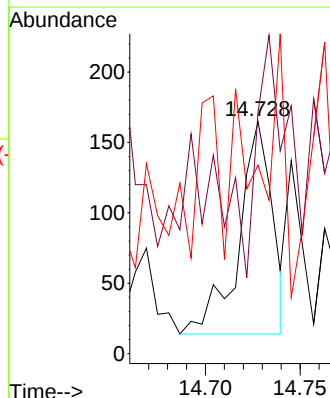
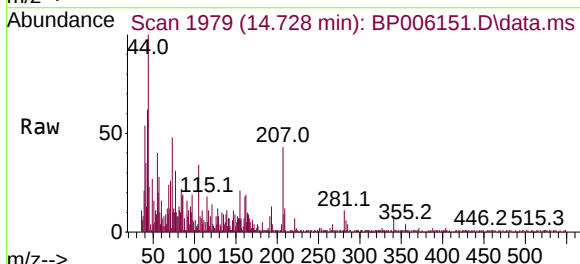
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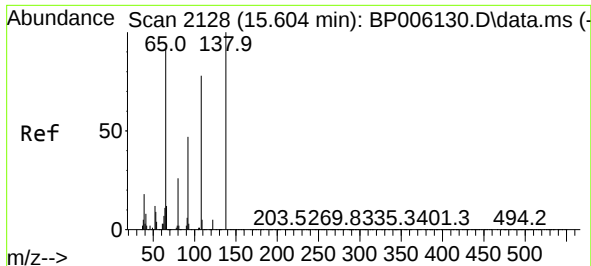
Tgt Ion:184 Resp: 19  
Ion Ratio Lower Upper  
184 100  
63 271.9 47.0 70.6#  
154 87.5 52.3 78.5#



#56  
4-Nitrophenol  
Concen: 7.16 ng  
RT: 14.728 min Scan# 1979  
Delta R.T. -0.053 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

Tgt Ion:139 Resp: 186  
Ion Ratio Lower Upper  
139 100  
109 103.6 72.3 112.3  
65 81.2 72.5 112.5

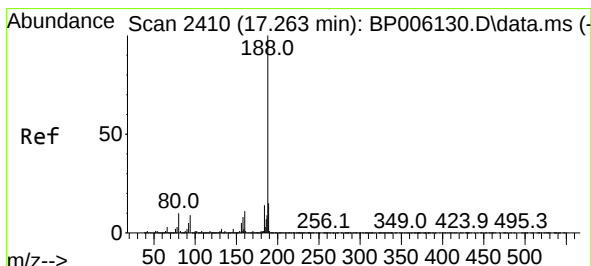
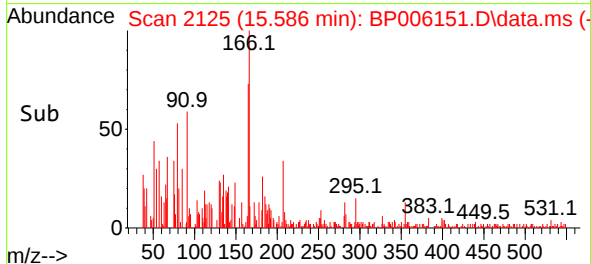
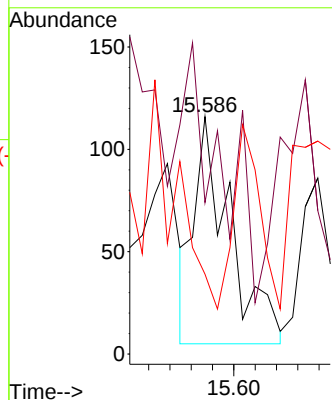
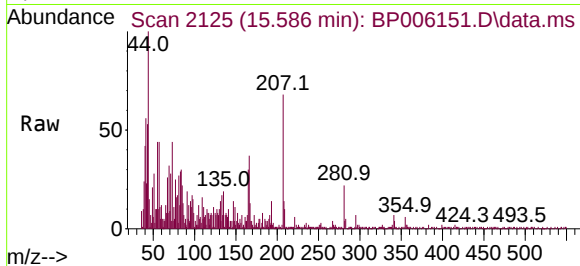




#62  
4-Nitroaniline  
Concen: 2.98 ng  
RT: 15.586 min Scan# 2125  
Delta R.T. -0.018 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

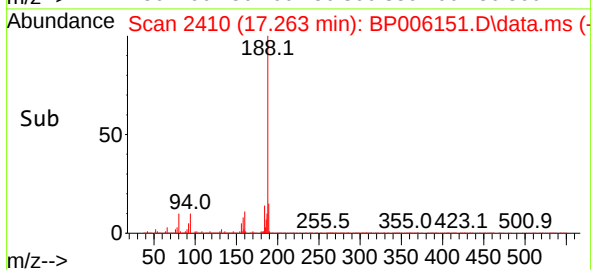
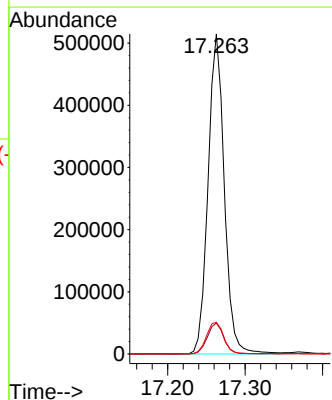
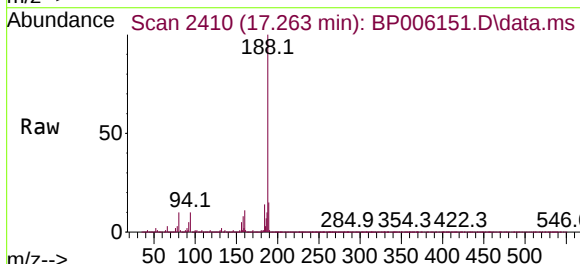
Instrument :  
BNA\_P  
ClientSampleId :  
1-5FT-CADMUS-AVE-TP-3

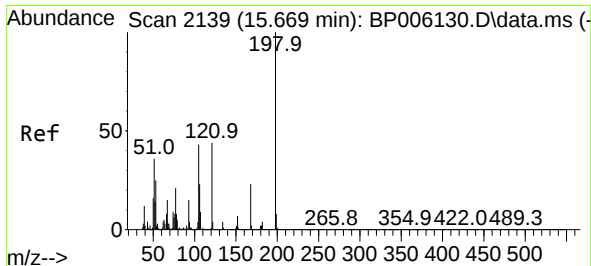
Tgt Ion:138 Resp: 129  
Ion Ratio Lower Upper  
138 100  
92 63.8 31.2 71.2  
108 33.6 78.6 118.6#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.263 min Scan# 2410  
Delta R.T. -0.000 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

Tgt Ion:188 Resp: 749234  
Ion Ratio Lower Upper  
188 100  
94 9.6 5.6 8.4#  
80 9.9 6.3 9.5#

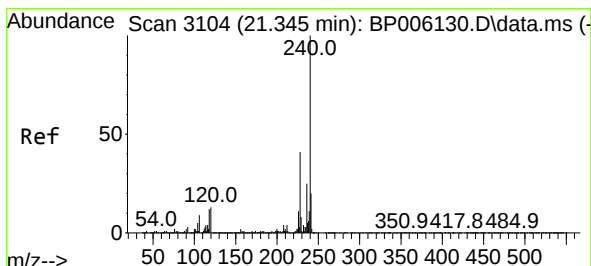
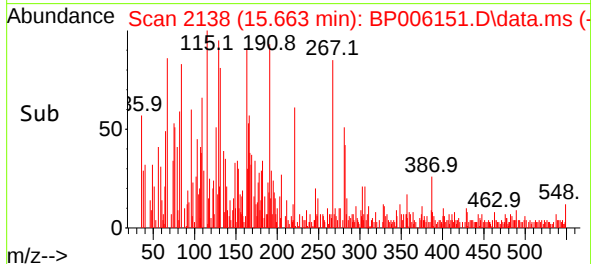
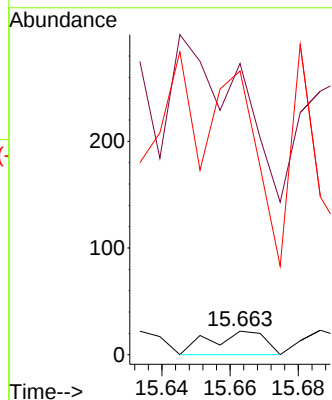
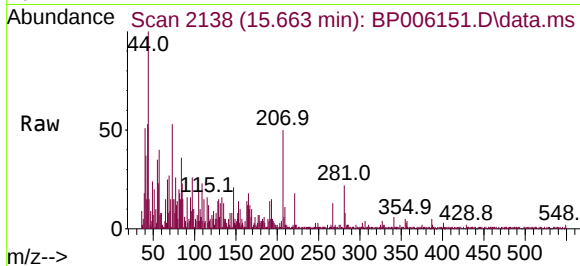




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.42 ng  
RT: 15.663 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

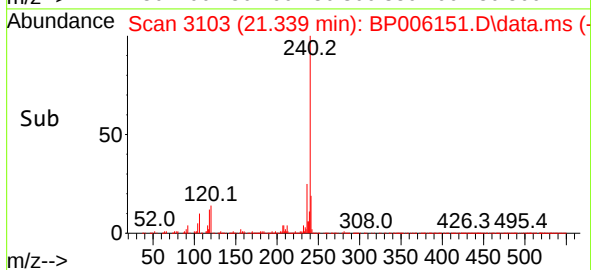
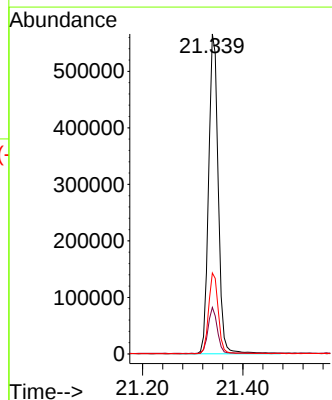
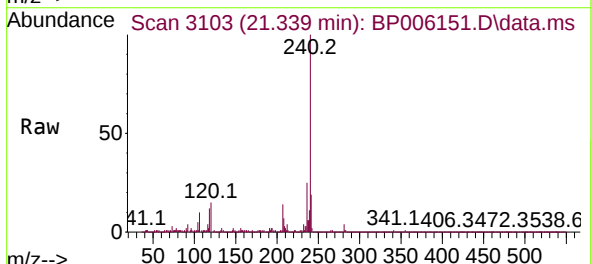
Instrument :  
BNA\_P  
ClientSampleId :  
1-5FT-CADMUS-AVE-TP-3

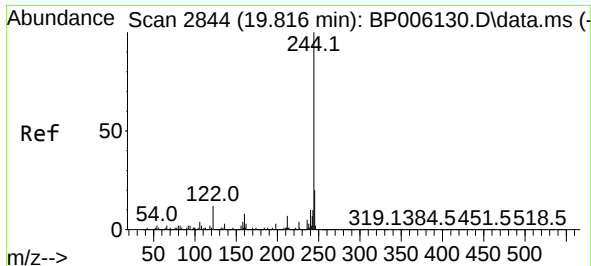
Tgt Ion:198 Resp: 24  
Ion Ratio Lower Upper  
198 100  
51 1240.9 14.0 54.0#  
105 1209.1 19.5 59.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.339 min Scan# 3103  
Delta R.T. -0.006 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

Tgt Ion:240 Resp: 753461  
Ion Ratio Lower Upper  
240 100  
120 14.5 6.5 9.7#  
236 25.3 20.6 31.0

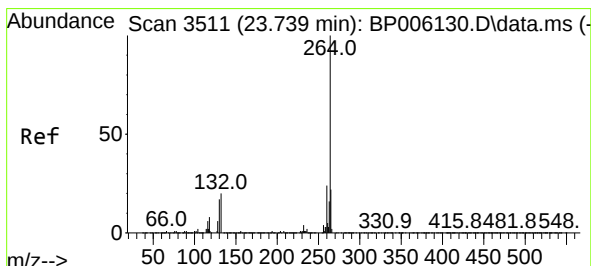
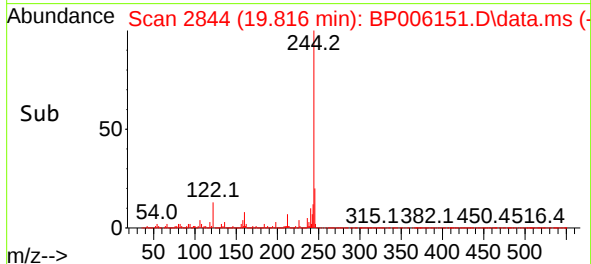
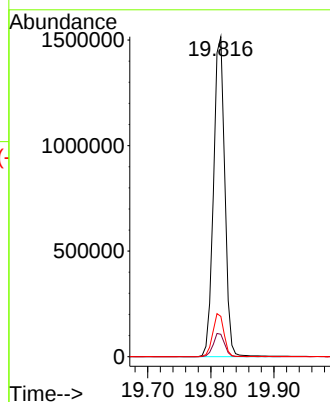
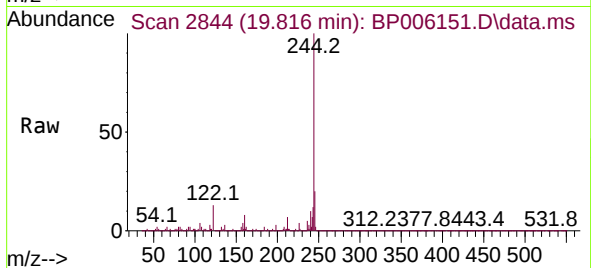




#79  
Terphenyl-d14  
Concen: 49.01 ng  
RT: 19.816 min Scan# 2844  
Delta R.T. -0.000 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

Instrument :  
BNA\_P  
ClientSampleId :  
1-5FT-CADMUS-AVE-TP-3

Tgt Ion:244 Resp: 1872855  
Ion Ratio Lower Upper  
244 100  
212 7.0 6.0 9.0  
122 12.6 7.1 10.7#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.733 min Scan# 3510  
Delta R.T. -0.006 min  
Lab File: BP006151.D  
Acq: 08 Jul 2021 21:33

Tgt Ion:264 Resp: 894750  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.6 28.0  
265 21.9 17.6 26.4

