

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011221\  
 Data File : BP004516.D  
 Acq On : 12 Jan 2021 21:37  
 Operator : CG/JU  
 Sample : M1075-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 72-11977

Quant Time: Jan 12 23:32:40 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP011221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 12 15:19:32 2021  
 Response via : Initial Calibration

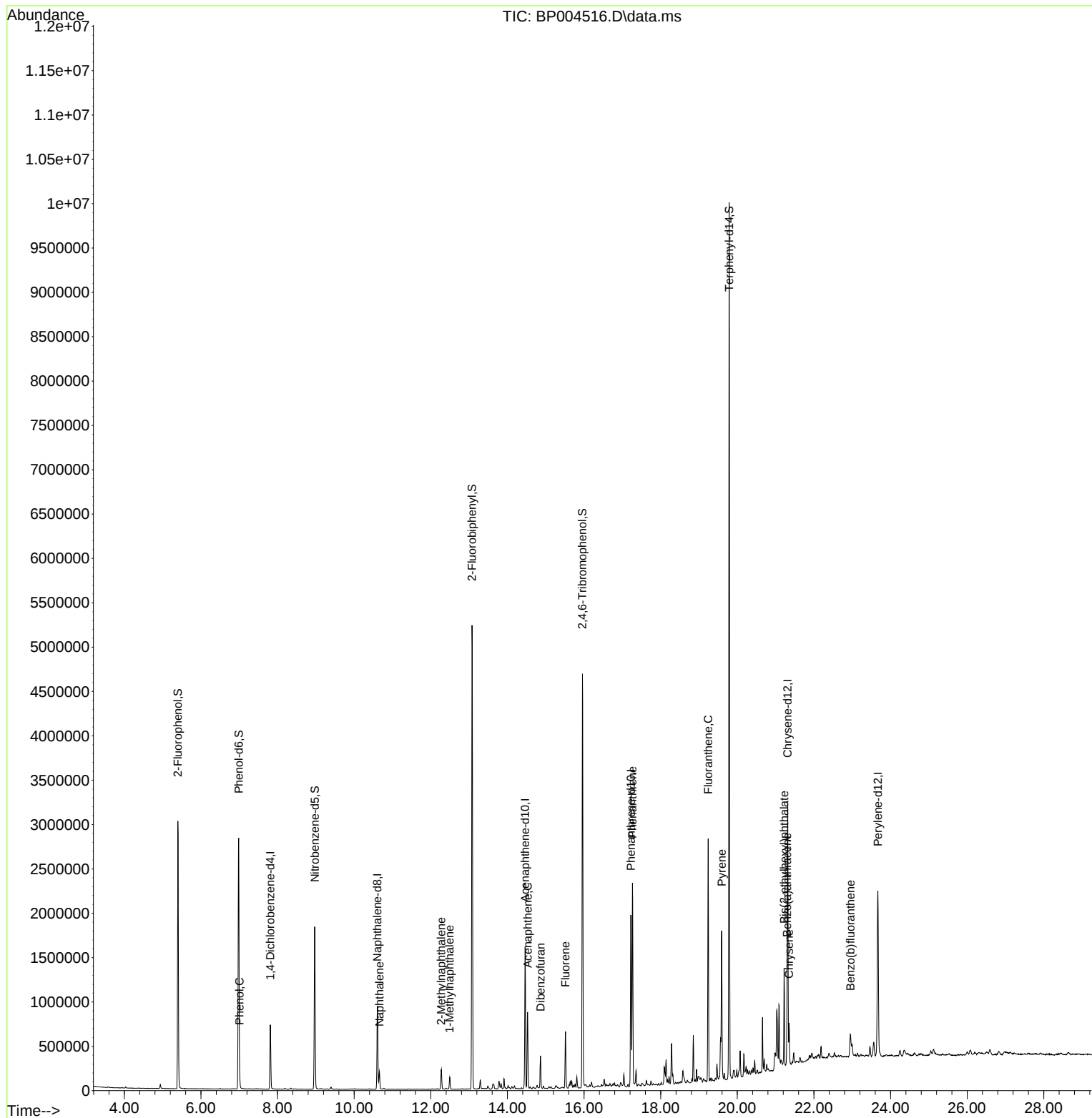
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.810  | 152  | 222273   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.604 | 136  | 875383   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.463 | 164  | 562586   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.222 | 188  | 1256162  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.316 | 240  | 1402353  | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.668 | 264  | 1502509  | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.399  | 112  | 1506763  | 118.15 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.987  | 99   | 1897220  | 108.62 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.969  | 82   | 1098805  | 70.97  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 1081970  | 110.62 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.075 | 172  | 2972375  | 68.68  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.786 | 244  | 4468056  | 58.21  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 10) Phenol                    | 7.010  | 94   | 60087    | 3.59   | ng    | 92       |
| 31) Naphthalene               | 10.657 | 128  | 175667   | 3.65   | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.275 | 142  | 114842   | 3.25   | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.493 | 142  | 68756    | 2.05   | ng    | 99       |
| 52) Acenaphthene              | 14.528 | 154  | 341656   | 10.08  | ng    | 98       |
| 55) Dibenzofuran              | 14.863 | 168  | 249042   | 4.54   | ng    | 96       |
| 58) Fluorene                  | 15.516 | 166  | 289631   | 6.61   | ng    | 99       |
| 71) Phenanthrene              | 17.263 | 178  | 1487266  | 20.65  | ng    | 100      |
| 75) Fluoranthene              | 19.239 | 202  | 1585302  | 18.09  | ng    | 99       |
| 78) Pyrene                    | 19.592 | 202  | 1094607  | 11.47  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.298 | 228  | 322971   | 3.39   | ng    | 100      |
| 83) Chrysene                  | 21.351 | 228  | 276147   | 3.04   | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.221 | 149  | 424131   | 7.70   | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.957 | 252  | 225415   | 2.32   | ng    | 98       |
| -----                         |        |      |          |        |       |          |

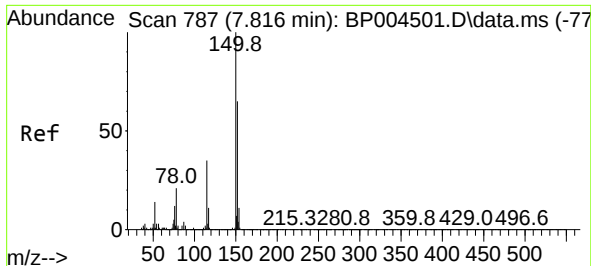
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011221\  
Data File : BP004516.D  
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Sample : M1075-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP011221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 12 15:19:32 2021  
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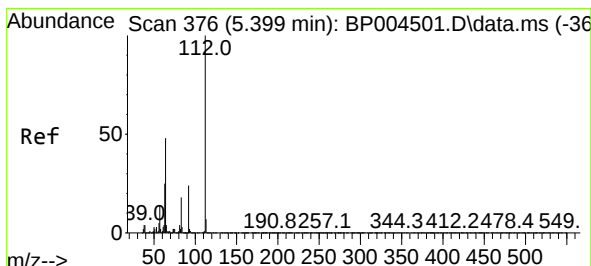
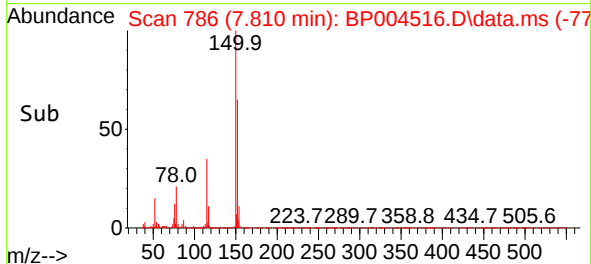
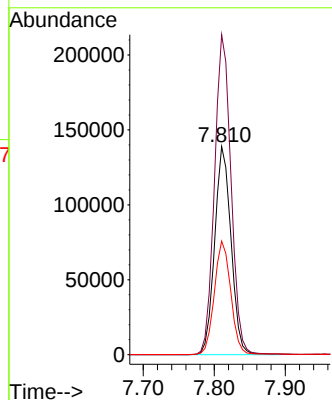
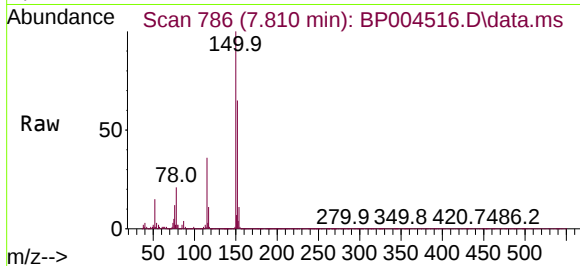




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.810 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

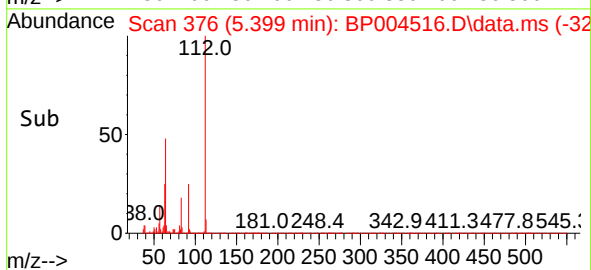
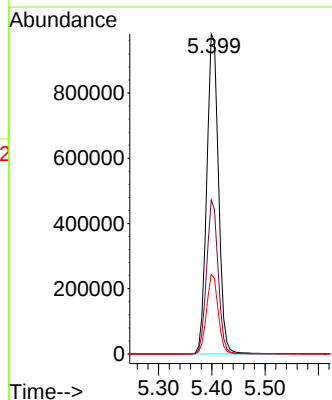
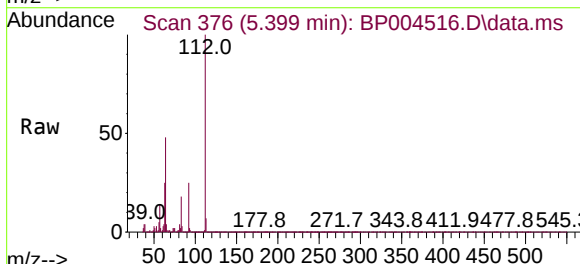
Instrument :  
BNA\_P  
ClientSampleId :  
72-11977

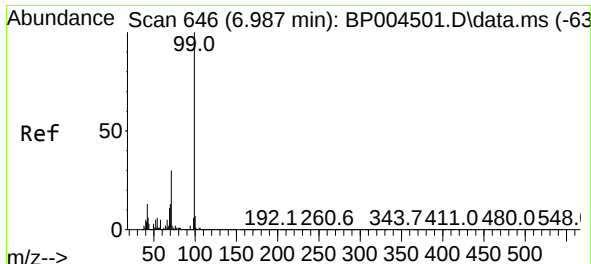
Tgt Ion:152 Resp: 222273  
Ion Ratio Lower Upper  
152 100  
150 153.8 123.8 185.6  
115 54.6 43.8 65.6



#5  
2-Fluorophenol  
Concen: 118.15 ng  
RT: 5.399 min Scan# 376  
Delta R.T. -0.000 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

Tgt Ion:112 Resp: 1506763  
Ion Ratio Lower Upper  
112 100  
64 48.1 32.8 49.2  
63 24.9 17.0 25.4

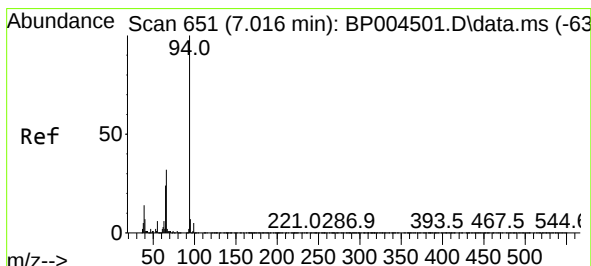
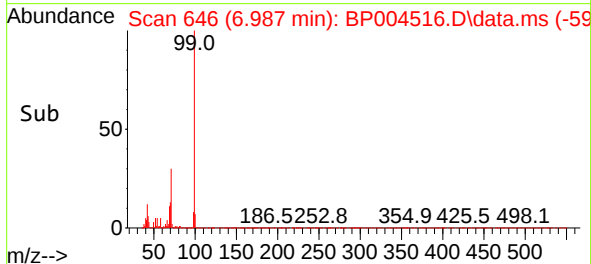
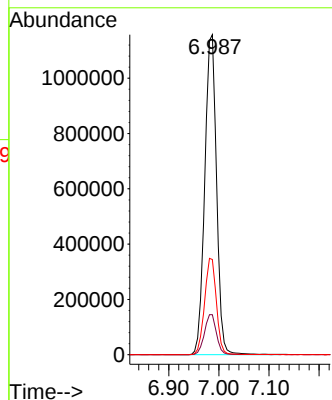
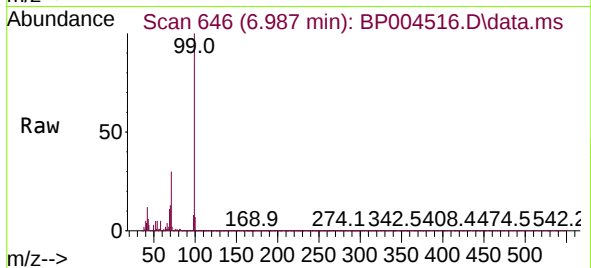




#7  
Phenol-d6  
Concen: 108.62 ng  
RT: 6.987 min Scan# 646  
Delta R.T. -0.000 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

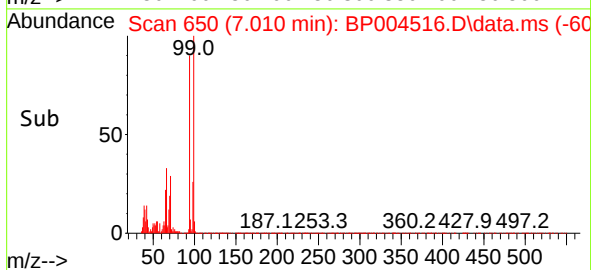
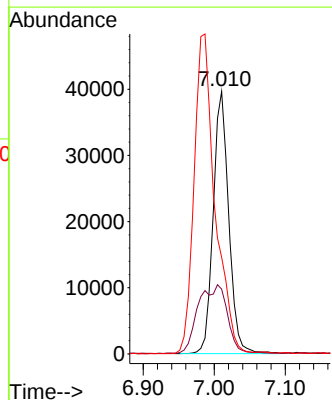
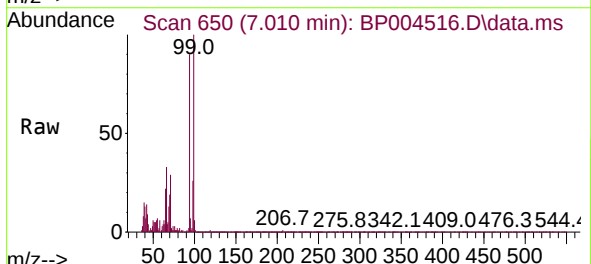
Instrument :  
BNA\_P  
ClientSampleId :  
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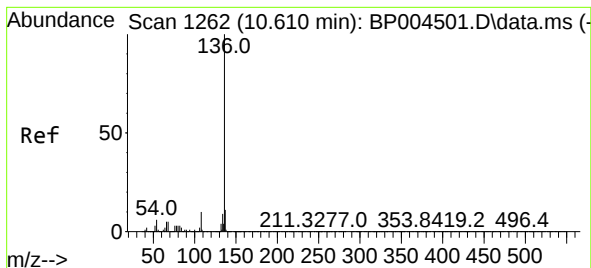
Tgt Ion: 99 Resp: 1897220  
Ion Ratio Lower Upper  
99 100  
42 12.5 8.6 13.0  
71 29.7 23.4 35.2



#10  
Phenol  
Concen: 3.59 ng  
RT: 7.010 min Scan# 650  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

Tgt Ion: 94 Resp: 60087  
Ion Ratio Lower Upper  
94 100  
65 24.7 2.3 42.3  
66 36.8 10.9 50.9

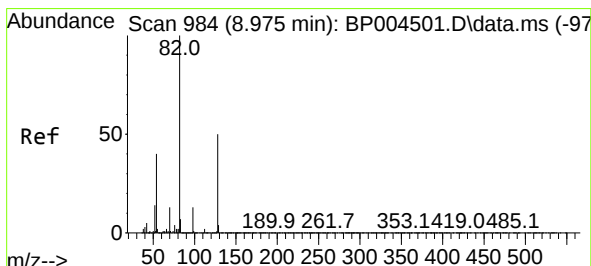
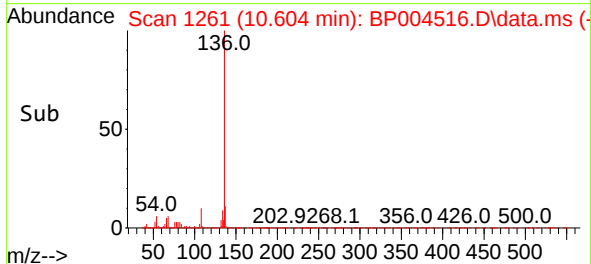
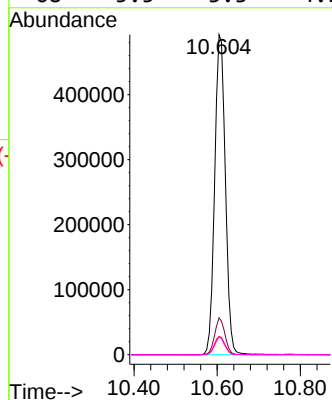
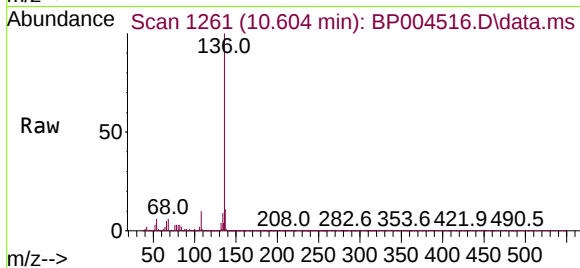




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.604 min Scan# 1261  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

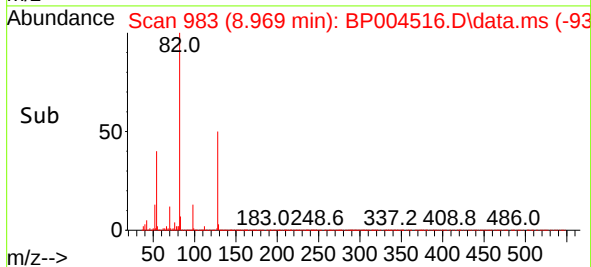
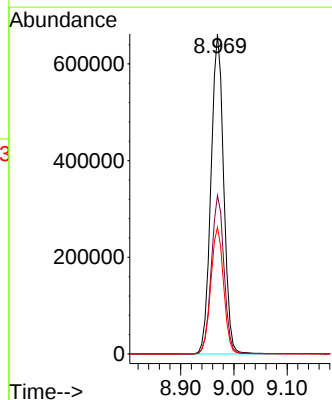
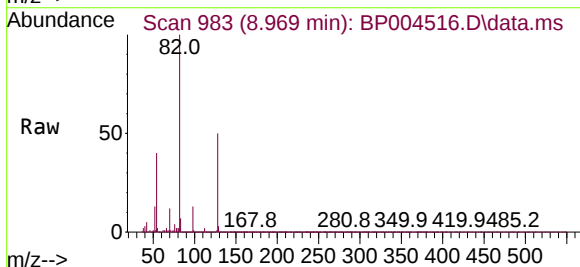
Instrument :  
BNA\_P  
ClientSampleId :  
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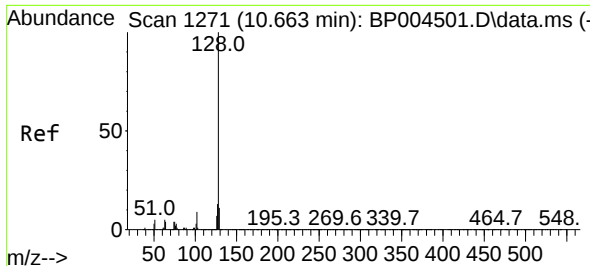
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 875383 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.5  | 8.6   | 13.0   |
| 54       | 5.7   | 3.6   | 5.4#   |
| 68       | 5.5   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 70.97 ng  
RT: 8.969 min Scan# 983  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1098805 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 49.6  | 45.6  | 68.4    |
| 54       | 39.6  | 30.1  | 45.1    |

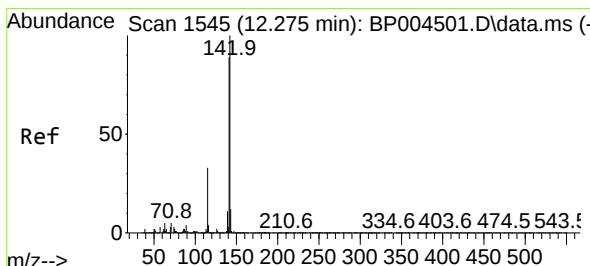
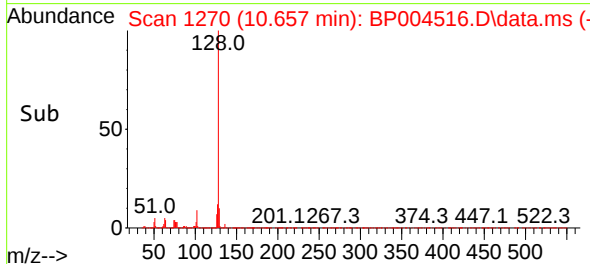
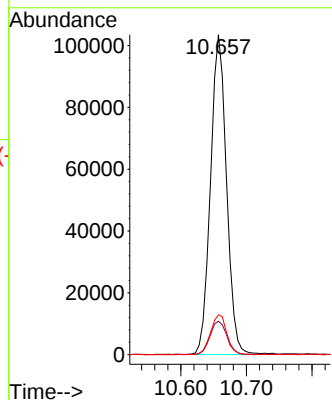
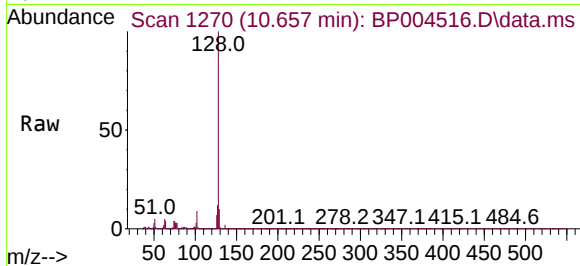




#31  
Naphthalene  
Concen: 3.65 ng  
RT: 10.657 min Scan# 1270  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

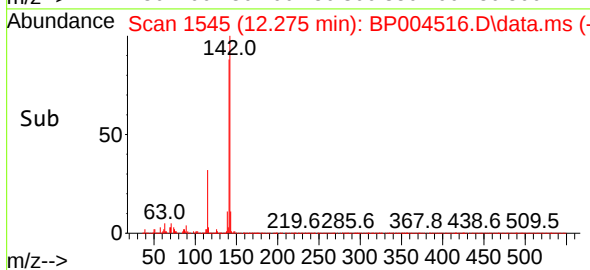
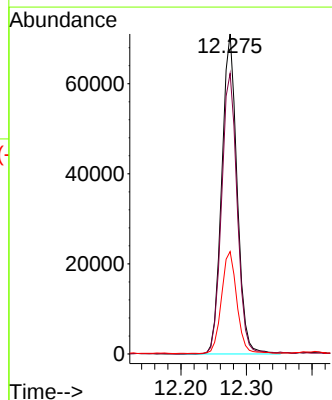
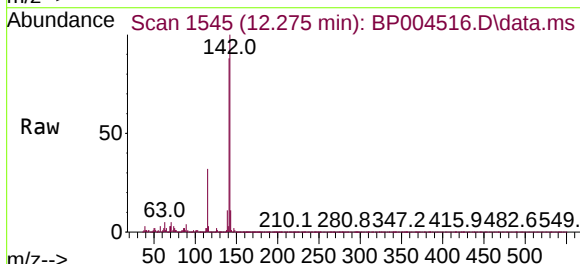
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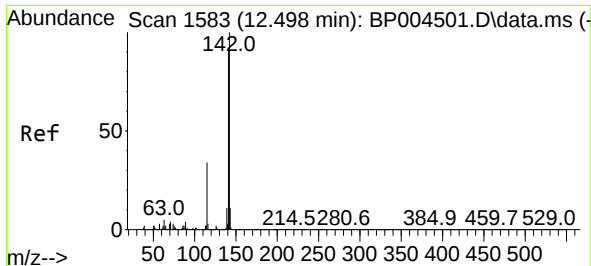
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 175667 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 10.4  | 8.8   | 13.2   |
| 127      | 12.5  | 10.6  | 15.8   |



#37  
2-Methylnaphthalene  
Concen: 3.25 ng  
RT: 12.275 min Scan# 1545  
Delta R.T. -0.000 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 114842 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 87.7  | 71.4  | 107.2  |
| 115      | 32.0  | 25.8  | 38.6   |

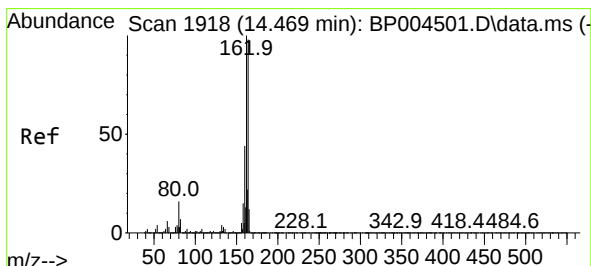
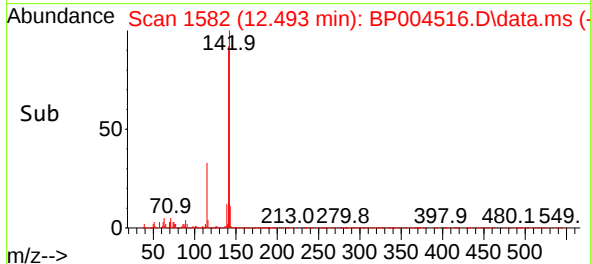
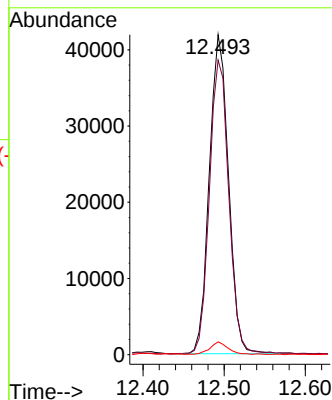
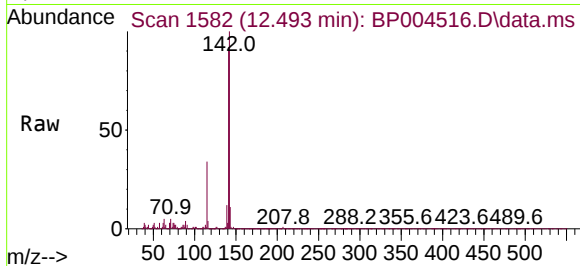




#38  
1-Methylnaphthalene  
Concen: 2.05 ng  
RT: 12.493 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

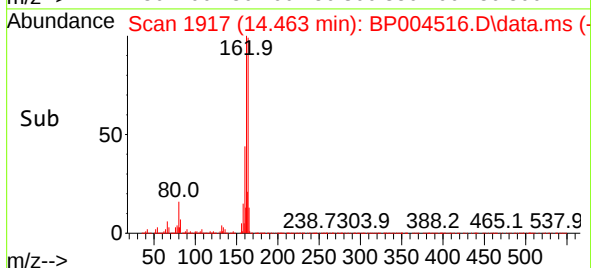
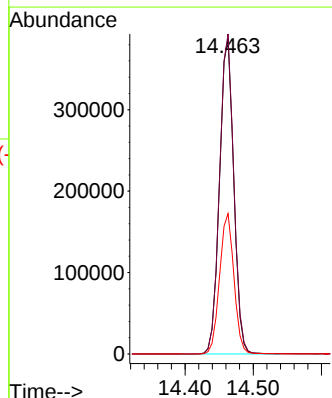
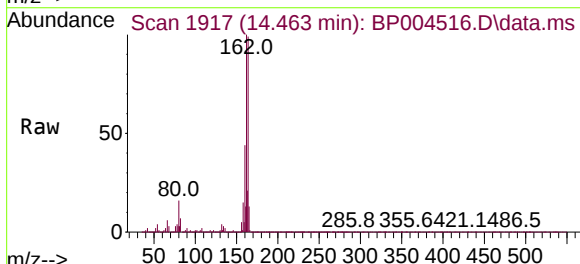
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BNA\_P  
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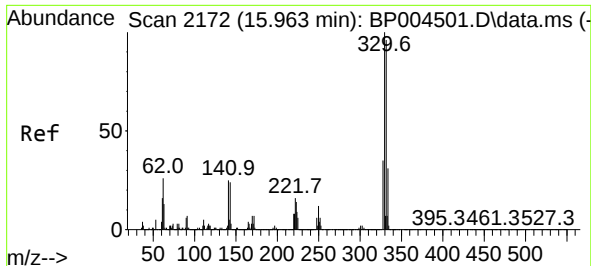
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Ion Ratio Lower Upper  
142 100  
141 92.1 74.4 111.6  
116 4.0 2.9 4.3



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.463 min Scan# 1917  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

Tgt Ion:164 Resp: 562586  
Ion Ratio Lower Upper  
164 100  
162 101.5 79.4 119.2  
160 44.5 36.1 54.1

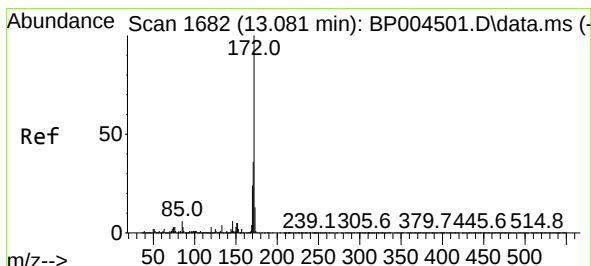
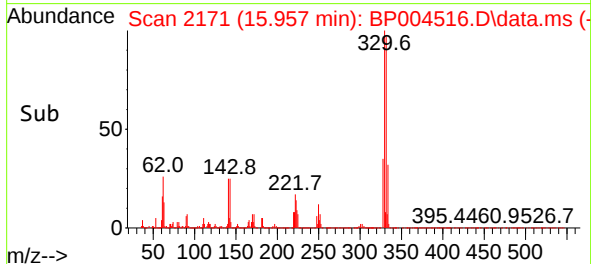
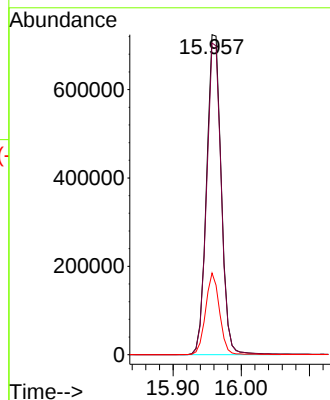
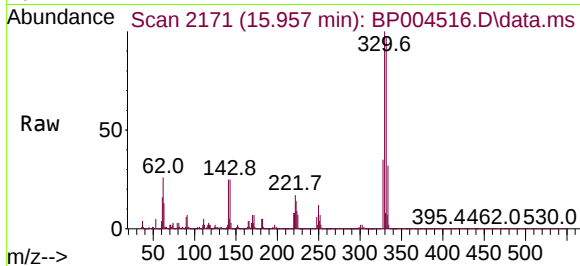




#42  
2,4,6-Tribromophenol  
Concen: 110.62 ng  
RT: 15.957 min Scan# 2171  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

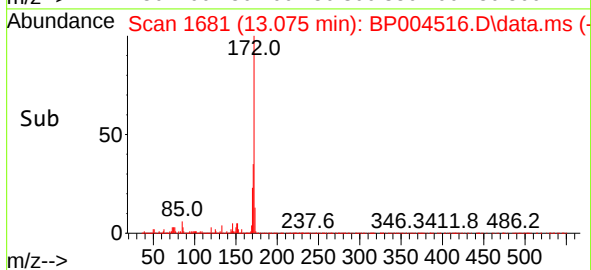
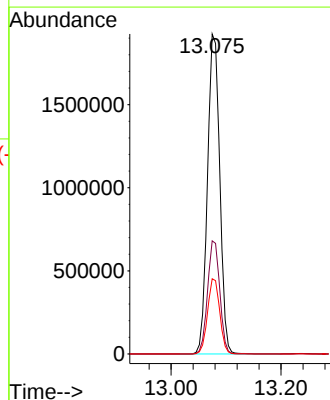
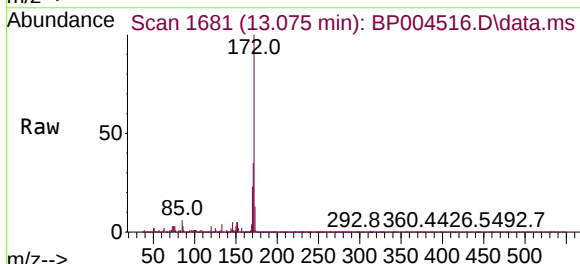
Instrument :  
BNA\_P  
ClientSampleId :  
72-11977

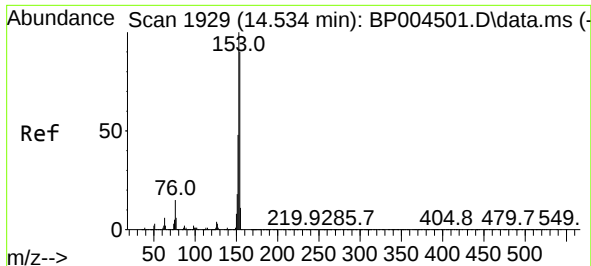
Tgt Ion:330 Resp: 1081970  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.1 115.7  
141 24.3 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 68.68 ng  
RT: 13.075 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

Tgt Ion:172 Resp: 2972375  
Ion Ratio Lower Upper  
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171 35.3 28.5 42.7  
170 23.5 19.2 28.8

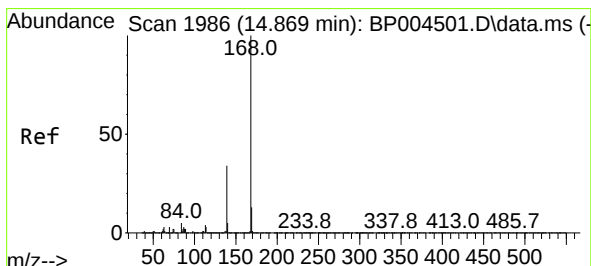
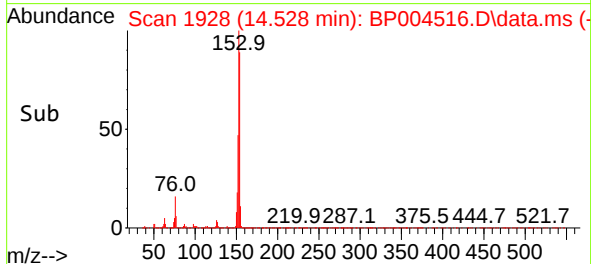
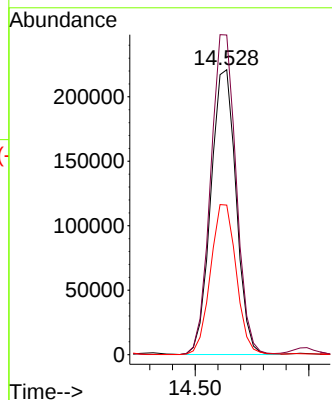
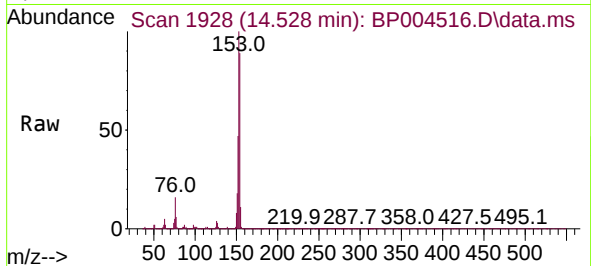




#52  
Acenaphthene  
Concen: 10.08 ng  
RT: 14.528 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

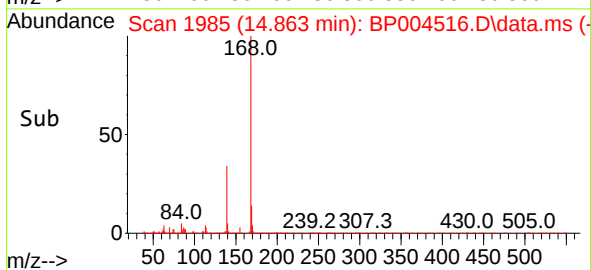
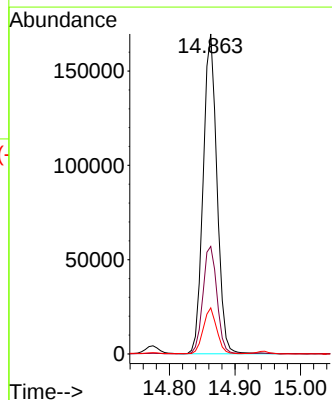
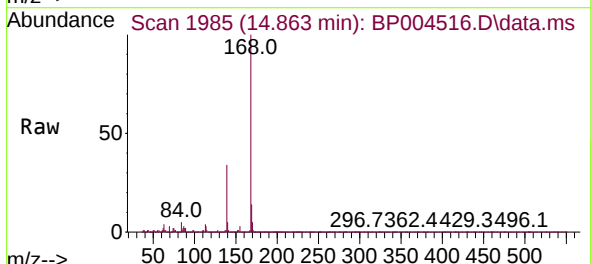
Instrument :  
BNA\_P  
ClientSampleId :  
72-11977

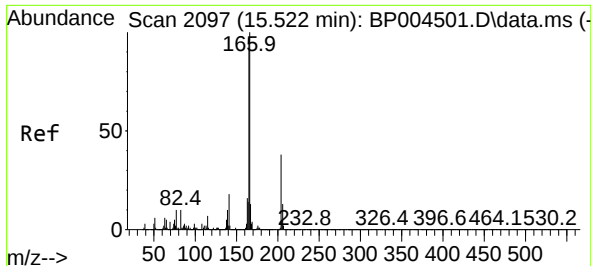
Tgt Ion:154 Resp: 341656  
Ion Ratio Lower Upper  
154 100  
153 112.2 91.0 136.6  
152 52.5 43.0 64.6



#55  
Dibenzofuran  
Concen: 4.54 ng  
RT: 14.863 min Scan# 1985  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

Tgt Ion:168 Resp: 249042  
Ion Ratio Lower Upper  
168 100  
139 33.6 29.1 43.7  
169 14.4 10.4 15.6

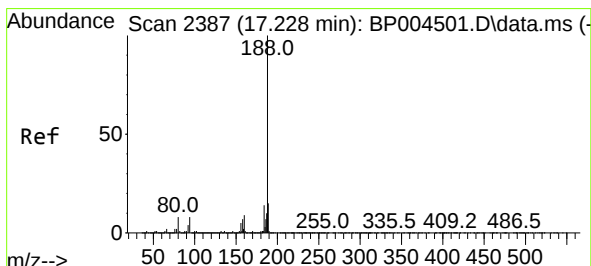
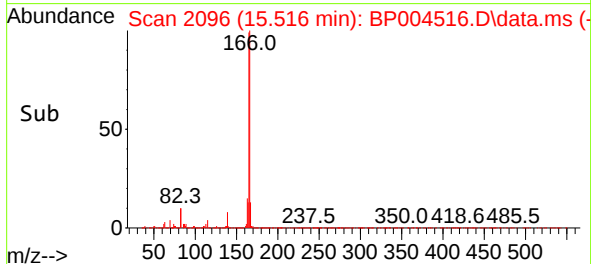
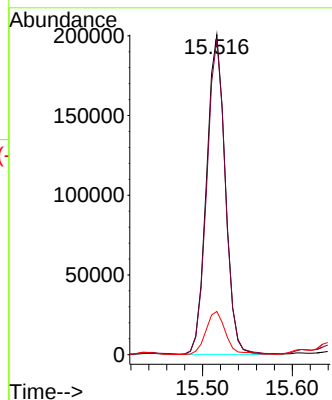
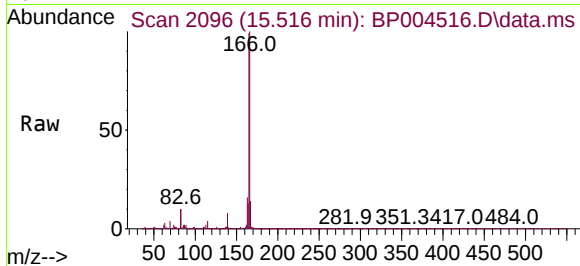




#58  
Fluorene  
Concen: 6.61 ng  
RT: 15.516 min Scan# 2096  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

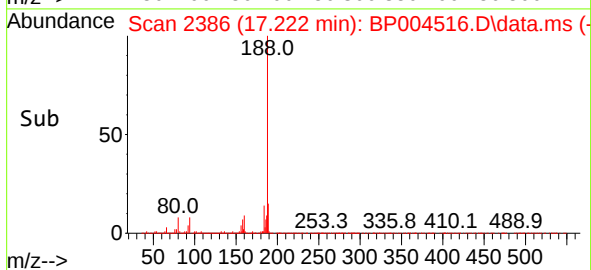
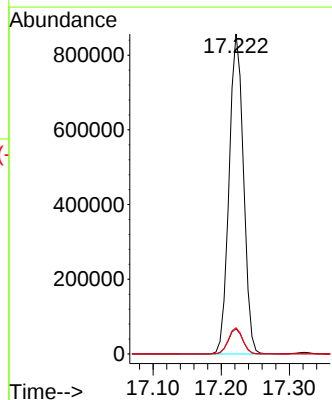
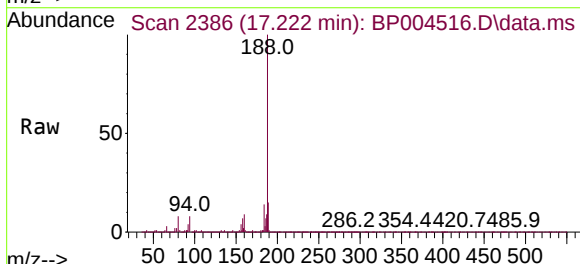
Instrument :  
BNA\_P  
ClientSampleId :  
72-11977

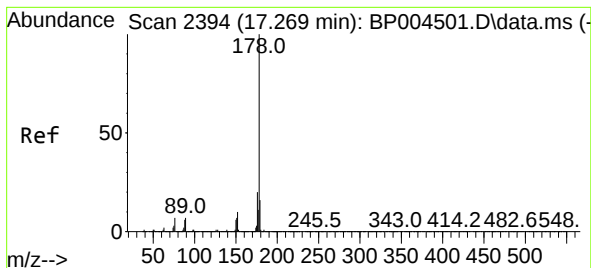
Tgt Ion:166 Resp: 289631  
Ion Ratio Lower Upper  
166 100  
165 98.6 77.8 116.8  
167 13.5 11.0 16.4



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.222 min Scan# 2386  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

Tgt Ion:188 Resp: 1256162  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.2 9.2  
80 8.2 6.2 9.2

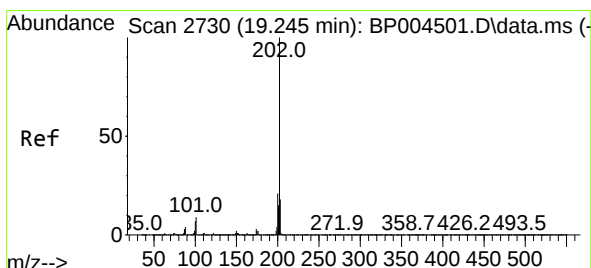
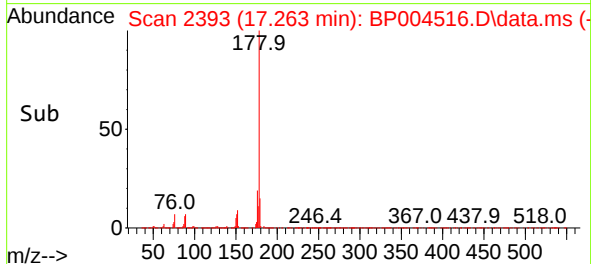
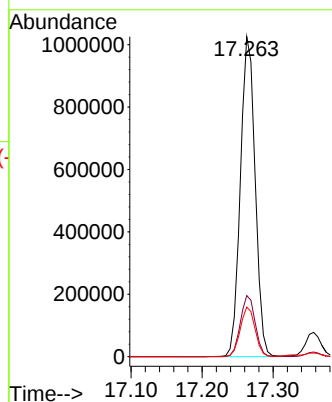
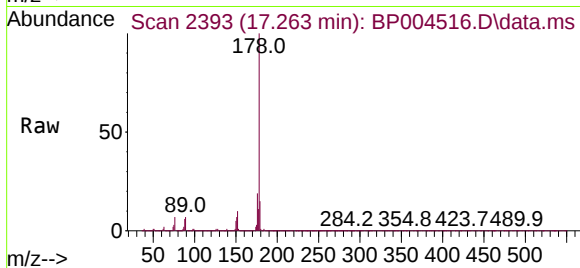




#71  
Phenanthrene  
Concen: 20.65 ng  
RT: 17.263 min Scan# 2393  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

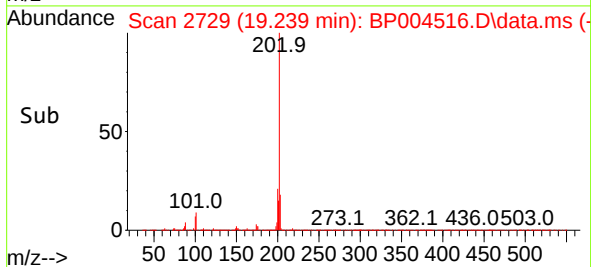
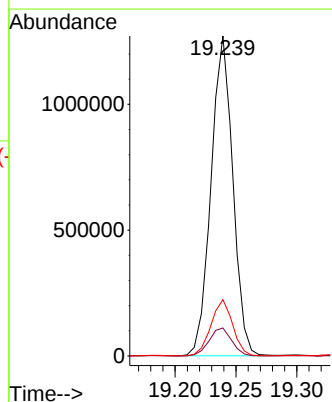
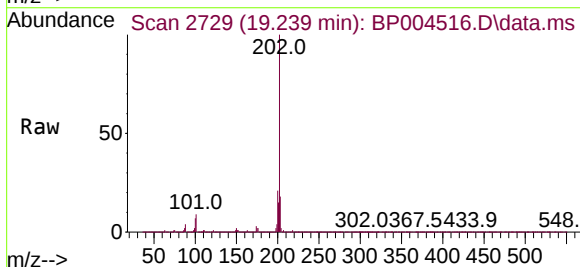
Instrument :  
BNA\_P  
ClientSampleId :  
72-11977

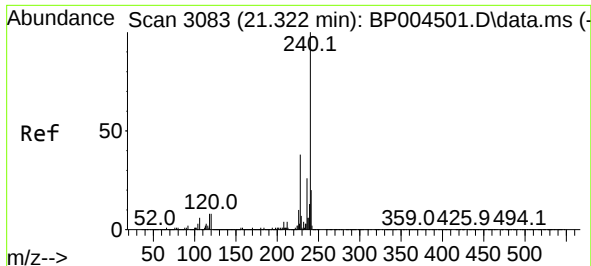
Tgt Ion:178 Resp: 1487266  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.3 22.9  
179 15.5 12.5 18.7



#75  
Fluoranthene  
Concen: 18.09 ng  
RT: 19.239 min Scan# 2729  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

Tgt Ion:202 Resp: 1585302  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 29.4  
203 17.6 0.0 37.8

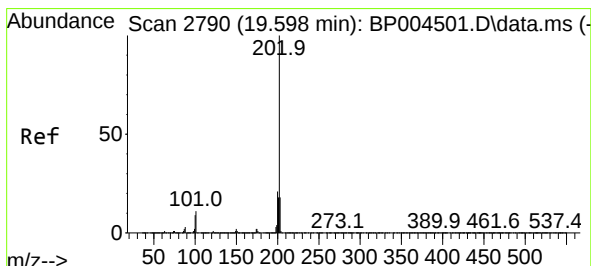
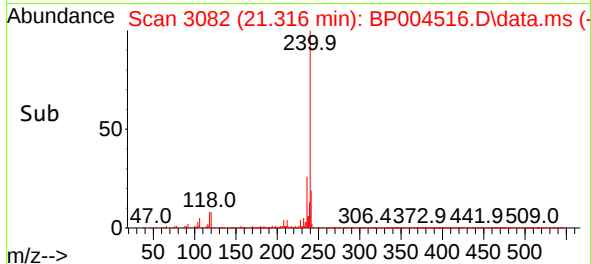
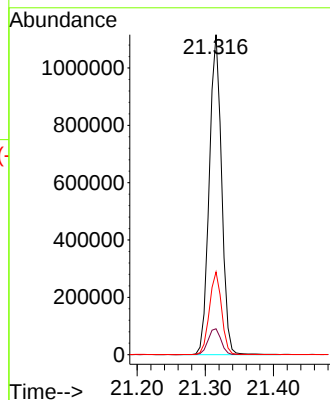
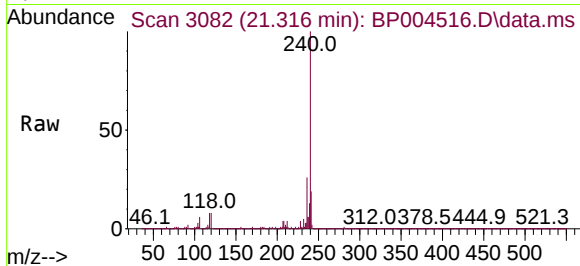




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.316 min Scan# 3082  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

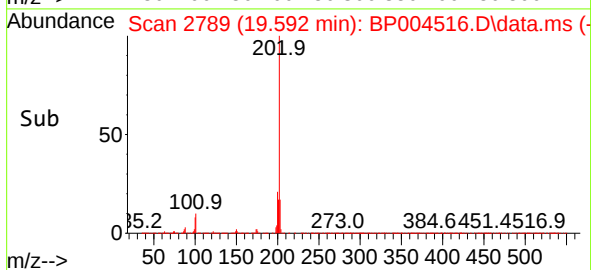
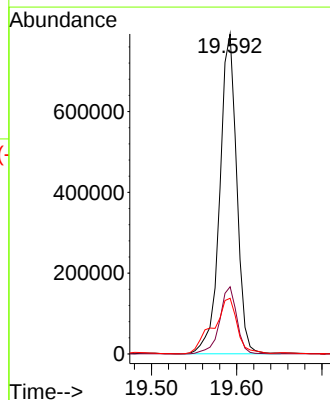
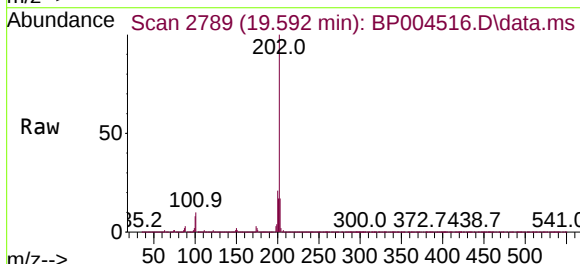
Instrument :  
BNA\_P  
ClientSampleId :  
72-11977

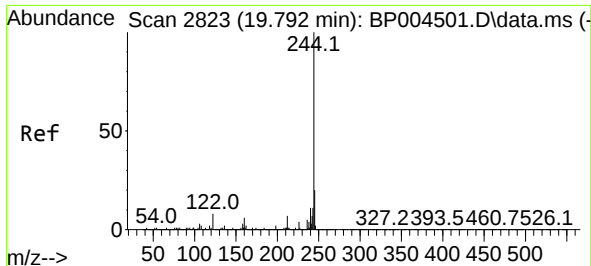
Tgt Ion:240 Resp: 1402353  
Ion Ratio Lower Upper  
240 100  
120 8.1 7.8 11.6  
236 25.9 20.8 31.2



#78  
Pyrene  
Concen: 11.47 ng  
RT: 19.592 min Scan# 2789  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

Tgt Ion:202 Resp: 1094607  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.1 25.7  
203 17.4 14.2 21.2

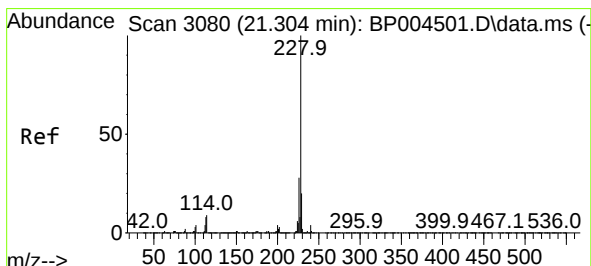
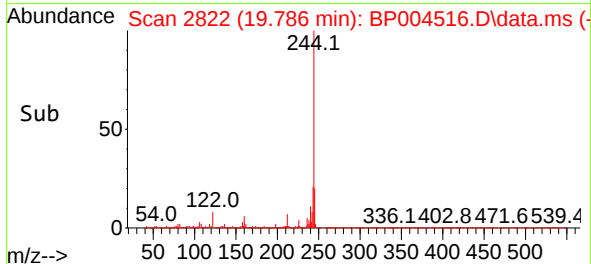
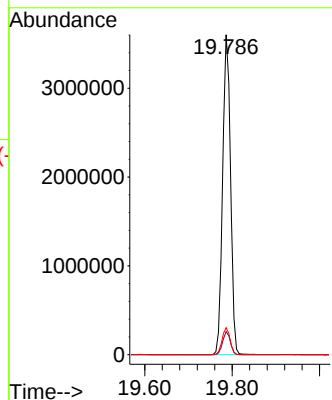
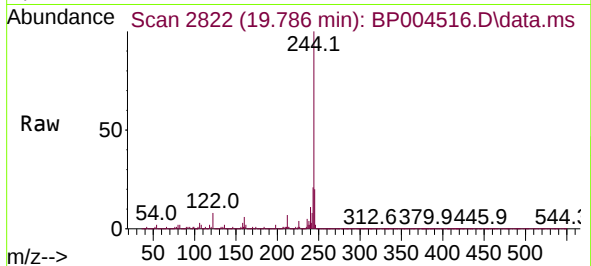




#79  
 Terphenyl-d14  
 Concen: 58.21 ng  
 RT: 19.786 min Scan# 2822  
 Delta R.T. -0.006 min  
 Lab File: BP004516.D  
 Acq: 12 Jan 2021 21:37

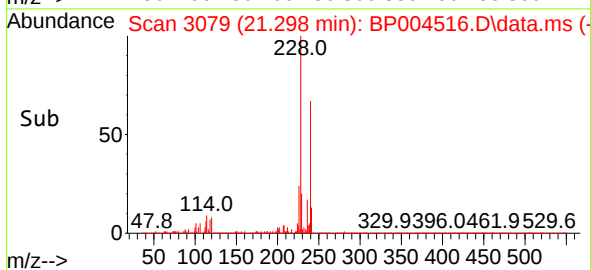
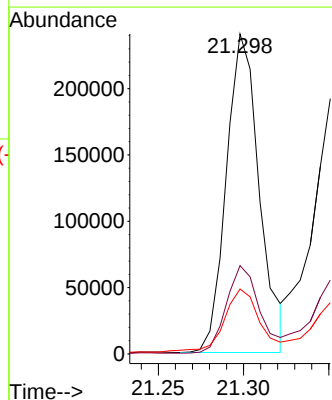
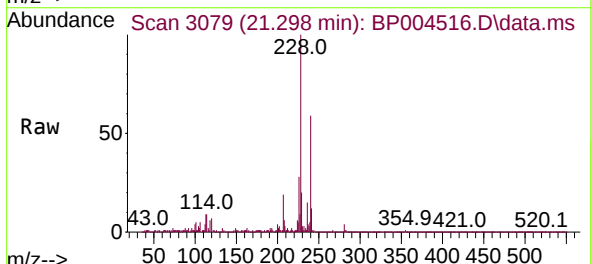
Instrument :  
 BNA\_P  
 ClientSampleId :  
 72-11977

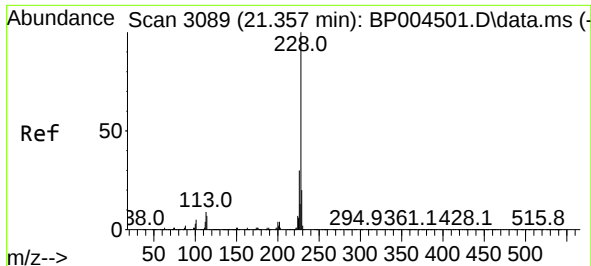
Tgt Ion:244 Resp: 4468056  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 8.5 7.8 11.8



#81  
 Benzo(a)anthracene  
 Concen: 3.39 ng  
 RT: 21.298 min Scan# 3079  
 Delta R.T. -0.006 min  
 Lab File: BP004516.D  
 Acq: 12 Jan 2021 21:37

Tgt Ion:228 Resp: 322971  
 Ion Ratio Lower Upper  
 228 100  
 226 27.6 22.1 33.1  
 229 20.3 15.9 23.9

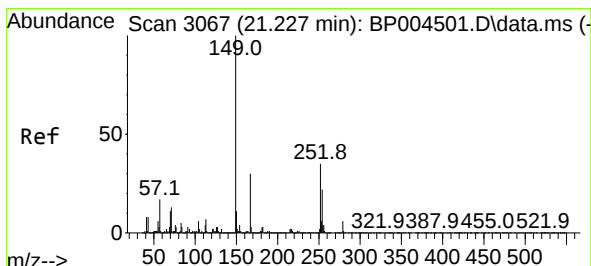
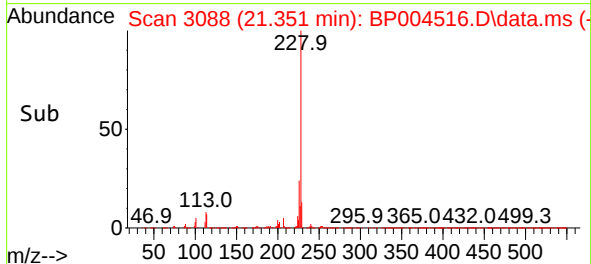
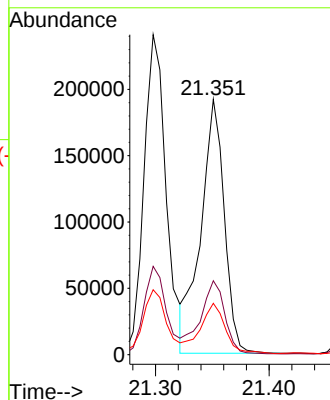
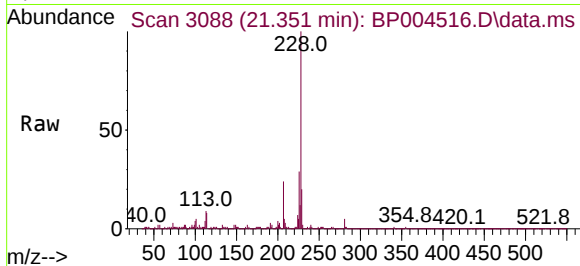




#83  
Chrysene  
Concen: 3.04 ng  
RT: 21.351 min Scan# 3088  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

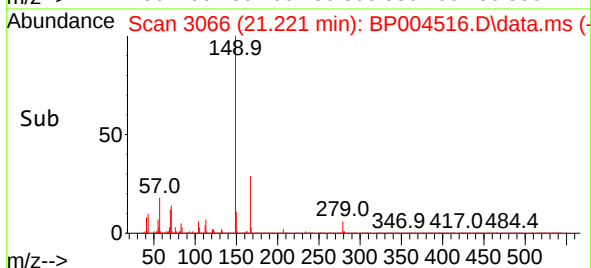
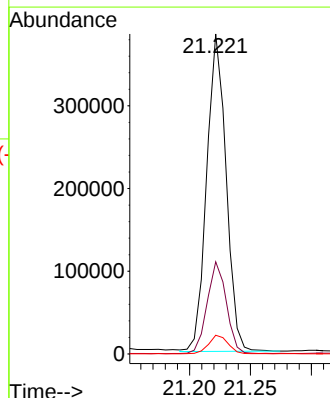
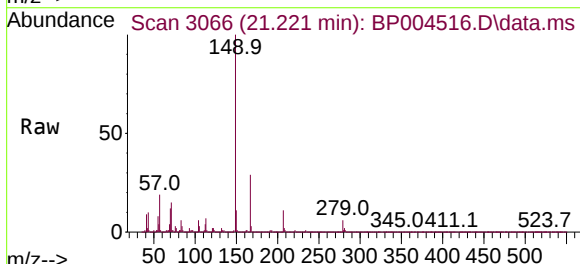
Instrument :  
BNA\_P  
ClientSampleId :  
72-11977

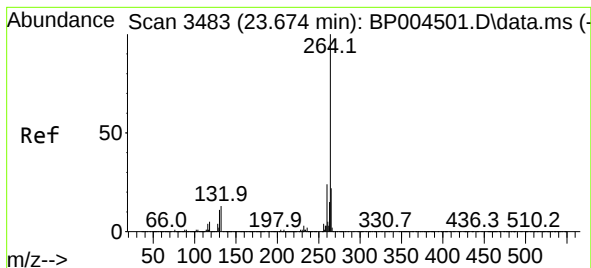
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 276147 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 29.0  | 24.4  | 36.6   |
| 229      | 20.1  | 15.8  | 23.6   |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 7.70 ng  
RT: 21.221 min Scan# 3066  
Delta R.T. -0.006 min  
Lab File: BP004516.D  
Acq: 12 Jan 2021 21:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 424131 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 28.8  | 22.6  | 34.0   |
| 279      | 5.8   | 4.2   | 6.2    |





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.668 min Scan# 3482

Delta R.T. -0.006 min

Lab File: BP004516.D

Acq: 12 Jan 2021 21:37

Tgt Ion:264 Resp: 1502509

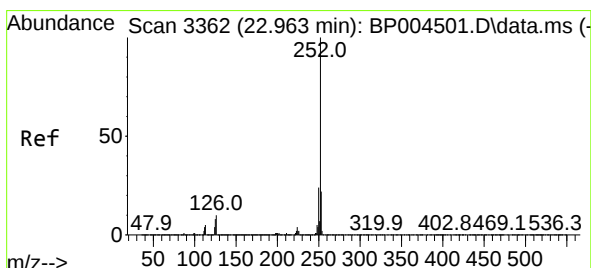
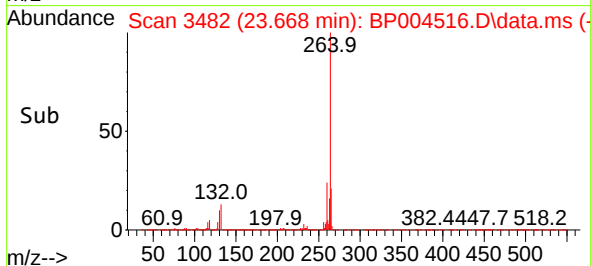
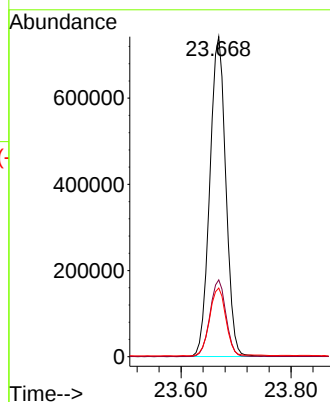
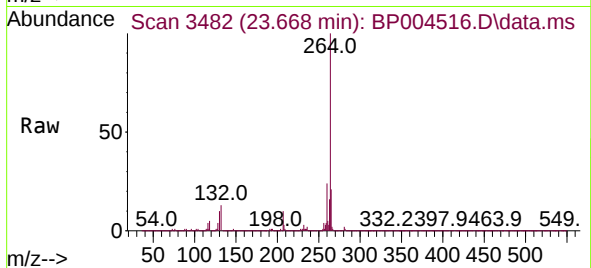
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 18.8  | 28.2  |
| 265 | 21.5  | 17.4  | 26.2  |

Instrument :

BNA\_P

ClientSampleId :

72-11977



#88

Benzo(b)fluoranthene

Concen: 2.32 ng

RT: 22.957 min Scan# 3361

Delta R.T. -0.006 min

Lab File: BP004516.D

Acq: 12 Jan 2021 21:37

Tgt Ion:252 Resp: 225415

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 17.6  | 26.4  |
| 125 | 8.6   | 7.3   | 10.9  |

