

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082024\  
 Data File : BP021572.D  
 Acq On : 20 Aug 2024 14:25  
 Operator : RC/JU  
 Sample : P3519-03RE  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OU4-TS-17-080724RE

Quant Time: Aug 20 15:25:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 14 00:00:30 2024  
 Response via : Initial Calibration

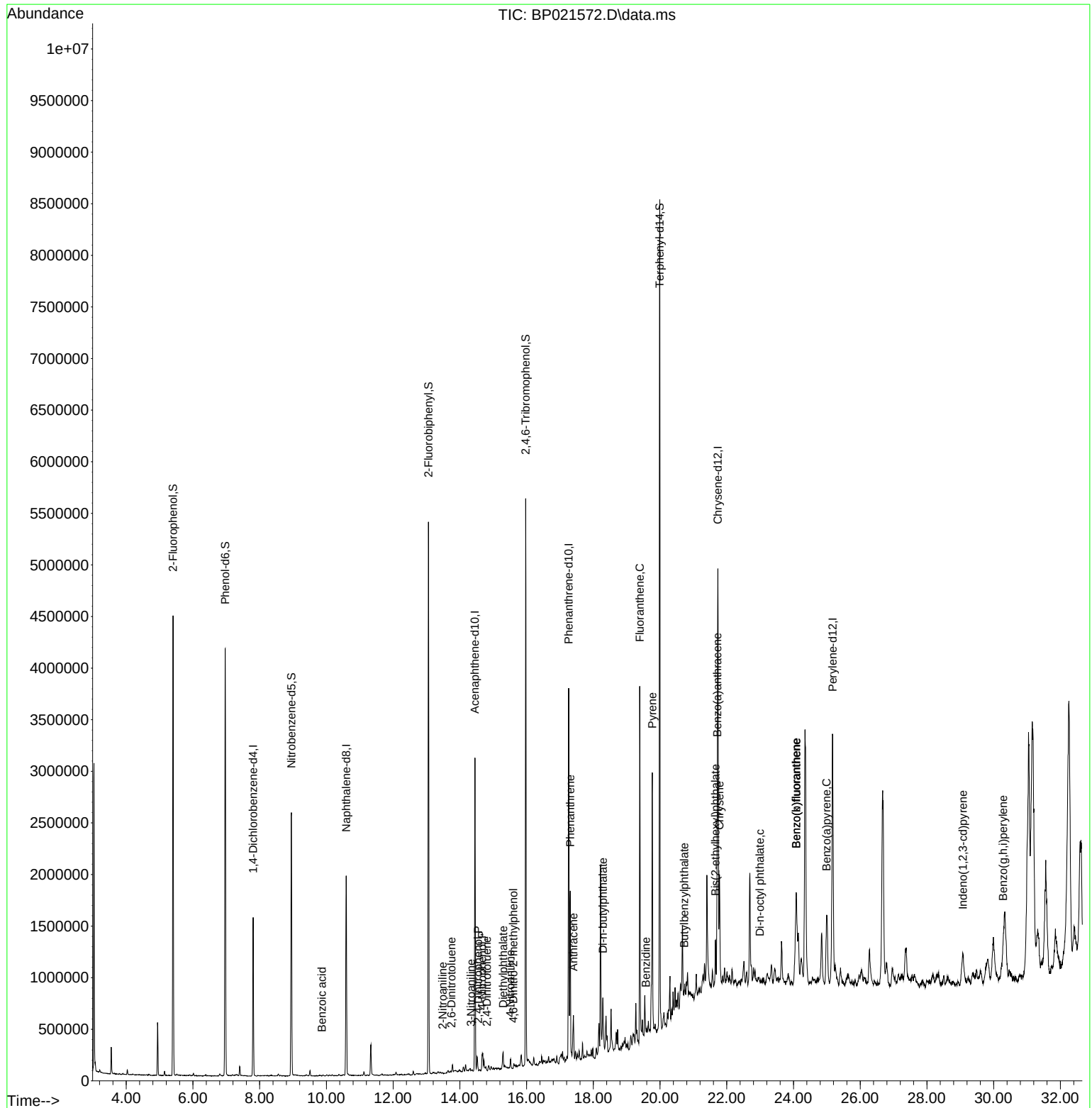
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 390276   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 10.593 | 136  | 1600137  | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 14.451 | 164  | 1017042  | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.263 | 188  | 2211502  | 20.000    | ng     | 0.01     |
| 76) Chrysene-d12              | 21.733 | 240  | 2111862  | 20.000    | ng     | 0.04     |
| 86) Perylene-d12              | 25.174 | 264  | 2511747  | 20.000    | ng     | 0.07     |
|                               |        |      |          |           |        |          |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.405  | 112  | 1995824  | 75.934    | ng     | 0.01     |
| 7) Phenol-d6                  | 6.969  | 99   | 2810162  | 73.292    | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 8.951  | 82   | 1684400  | 54.333    | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.975 | 330  | 989976   | 87.459    | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.057 | 172  | 2737211  | 41.074    | ng     | 0.00     |
| 79) Terphenyl-d14             | 19.992 | 244  | 4104451  | 37.757    | ng     | 0.02     |
|                               |        |      |          |           |        |          |
| Target Compounds              |        |      |          |           | Qvalue |          |
| 26) 2-Nitrophenol             | 9.698  | 139  | 371      | Below Cal | #      | 1        |
| 32) Benzoic acid              | 9.863  | 122  | 172      | 3.339     | ng     | # 29     |
| 48) 2-Nitroaniline            | 13.486 | 65   | 393      | 5.170     | ng     | # 65     |
| 51) 2,6-Dinitrotoluene        | 13.751 | 165  | 307      | 4.006     | ng     | # 86     |
| 53) 3-Nitroaniline            | 14.334 | 138  | 254      | 3.986     | ng     | # 41     |
| 54) 2,4-Dinitrophenol         | 14.545 | 184  | 88       | 2.465     | ng     | # 1      |
| 56) 4-Nitrophenol             | 14.669 | 139  | 1640     | 5.214     | ng     | # 1      |
| 57) 2,4-Dinitrotoluene        | 14.810 | 165  | 109      | 5.028     | ng     | # 52     |
| 60) Diethylphthalate          | 15.298 | 149  | 141920   | 2.031     | ng     | # 97     |
| 62) 4-Nitroaniline            | 15.510 | 138  | 835      | 2.991     | ng     | # 84     |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 198  | 142      | 4.634     | ng     | # 1      |
| 71) Phenanthrene              | 17.310 | 178  | 1002035  | 9.422     | ng     | # 99     |
| 72) Anthracene                | 17.404 | 178  | 262664   | 2.518     | ng     | # 99     |
| 74) Di-n-butylphthalate       | 18.286 | 149  | 433686   | 3.513     | ng     | # 100    |
| 75) Fluoranthene              | 19.392 | 202  | 1746659  | 13.385    | ng     | # 98     |
| 77) Benzidine                 | 19.580 | 184  | 109      | 4.574     | ng     | # 1      |
| 78) Pyrene                    | 19.769 | 202  | 1545851  | 11.199    | ng     | # 99     |
| 80) Butylbenzylphthalate      | 20.727 | 149  | 9464     | 3.770     | ng     | # 58     |
| 81) Benzo(a)anthracene        | 21.715 | 228  | 780442   | 5.887     | ng     | # 96     |
| 83) Chrysene                  | 21.780 | 228  | 756795   | 6.046     | ng     | # 97     |
| 84) Bis(2-ethylhexyl)phtha... | 21.663 | 149  | 210229   | 2.683     | ng     | # 99     |
| 85) Di-n-octyl phthalate      | 22.992 | 149  | 2020     | 4.849     | ng     | # 60     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.080 | 276  | 512908   | 3.150     | ng     | # 90     |
| 88) Benzo(b)fluoranthene      | 24.080 | 252  | 1030064  | 7.141     | ng     | # 96     |
| 89) Benzo(k)fluoranthene      | 24.080 | 252  | 1030064  | 7.320     | ng     | # 95     |
| 90) Benzo(a)pyrene            | 24.992 | 252  | 773648   | 6.180     | ng     | # 96     |
| 92) Benzo(g,h,i)perylene      | 30.280 | 276  | 486567   | 3.589     | ng     | # 99     |
| -----                         |        |      |          |           |        |          |

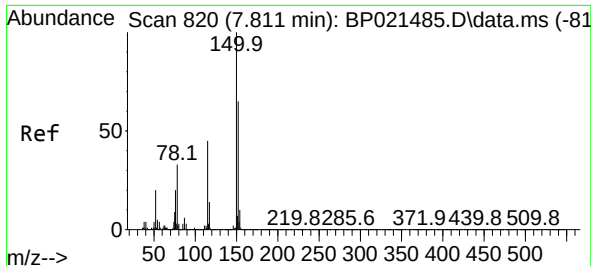
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OU4-TS-17-080724RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 14 00:00:30 2024  
Response via : Initial Calibration

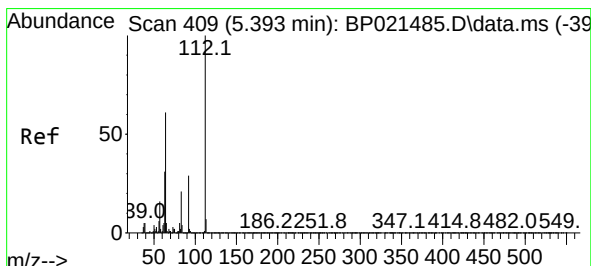
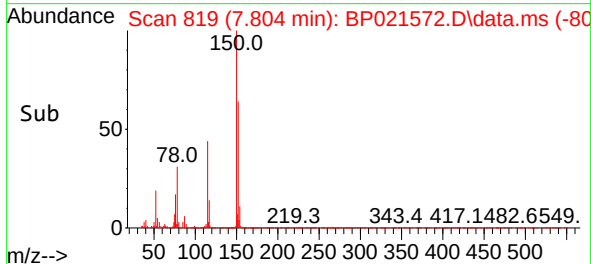
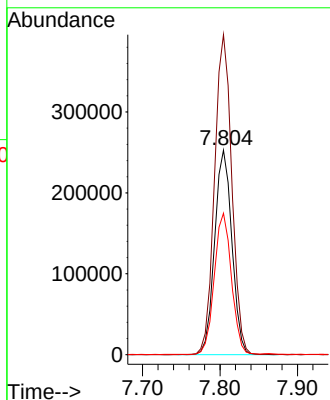
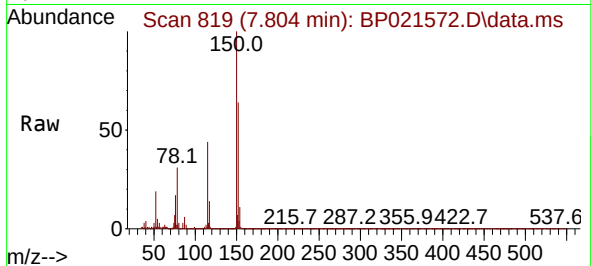




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.804 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

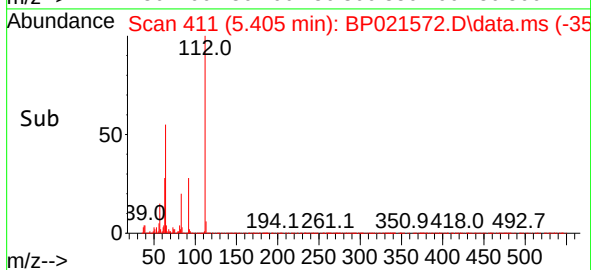
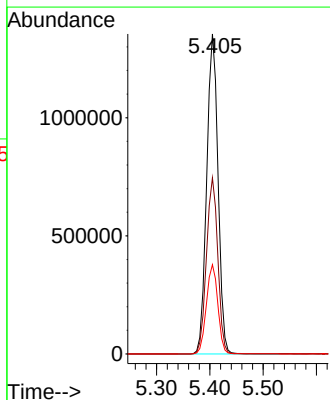
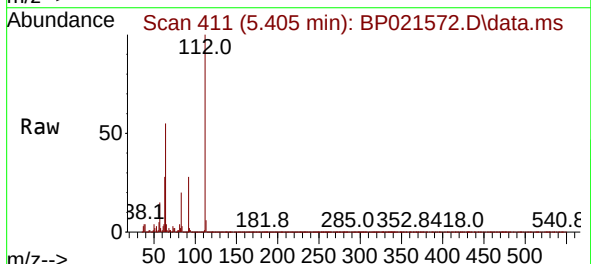
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-17-080724RE

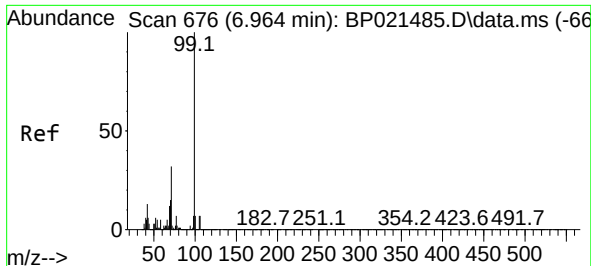
Tgt Ion:152 Resp: 390276  
Ion Ratio Lower Upper  
152 100  
150 156.5 122.4 183.6  
115 69.2 54.7 82.1



#5  
2-Fluorophenol  
Concen: 75.934 ng  
RT: 5.405 min Scan# 411  
Delta R.T. 0.012 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

Tgt Ion:112 Resp: 1995824  
Ion Ratio Lower Upper  
112 100  
64 55.1 49.0 73.6  
63 27.9 24.6 36.8



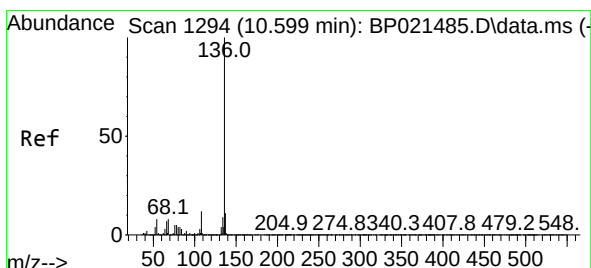
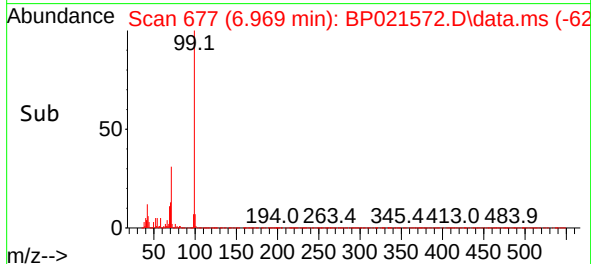
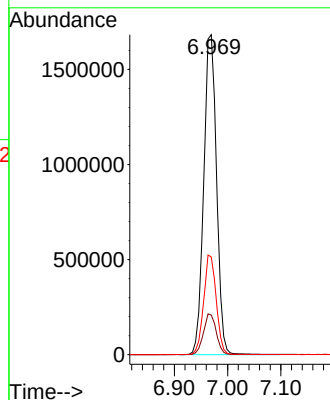
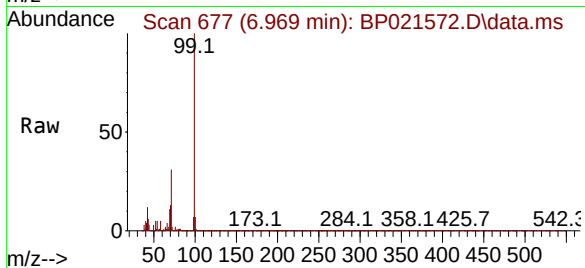


#7  
Phenol-d6  
Concen: 73.292 ng  
RT: 6.969 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-17-080724RE

Tgt Ion: 99 Resp: 2810162

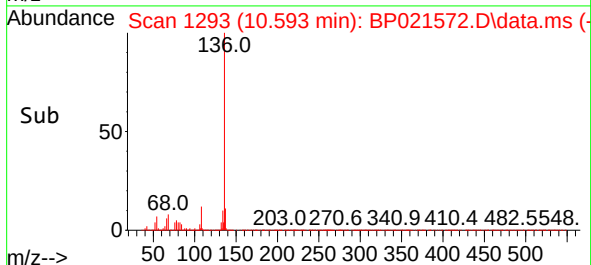
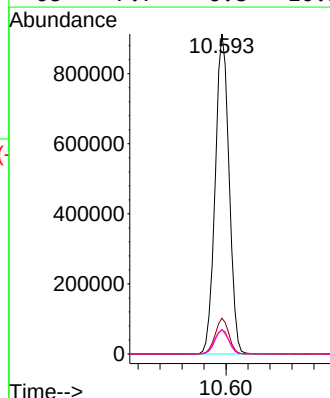
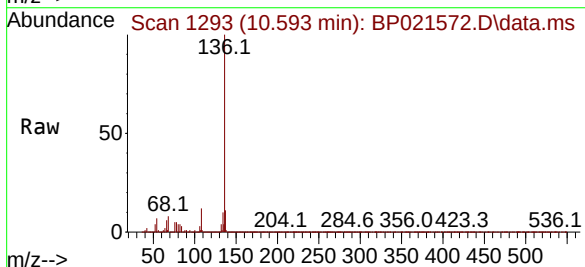
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 12.4  | 10.2  | 15.4  |
| 71  | 30.6  | 25.8  | 38.8  |

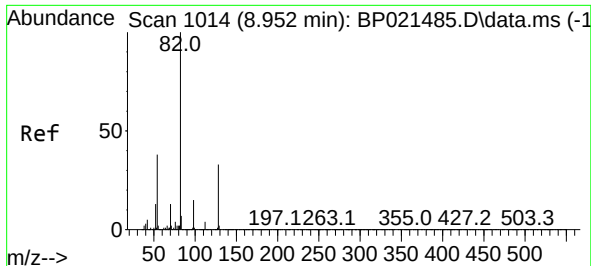


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.593 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

Tgt Ion: 136 Resp: 1600137

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.8   | 13.2  |
| 54  | 7.5   | 6.3   | 9.5   |
| 68  | 7.7   | 6.8   | 10.2  |

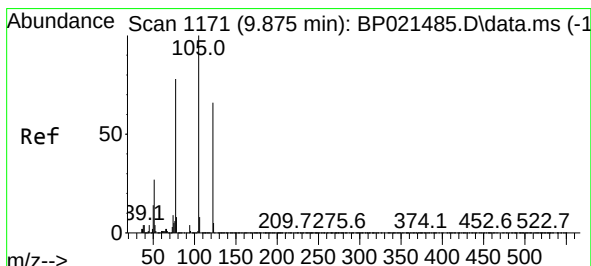
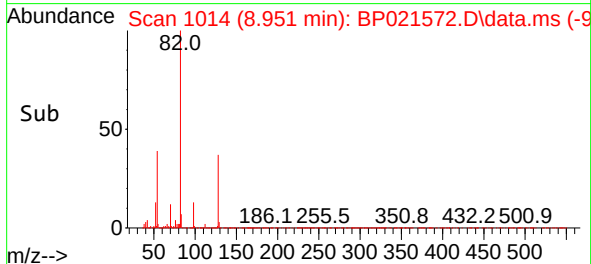
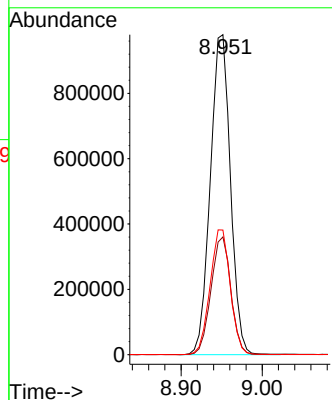
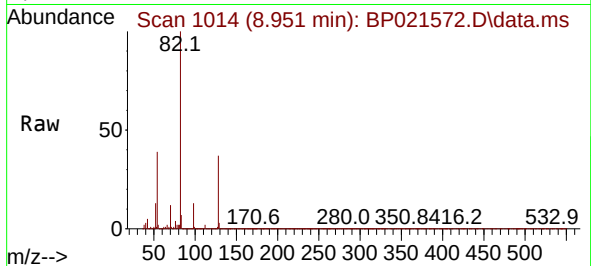




#23  
Nitrobenzene-d5  
Concen: 54.333 ng  
RT: 8.951 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

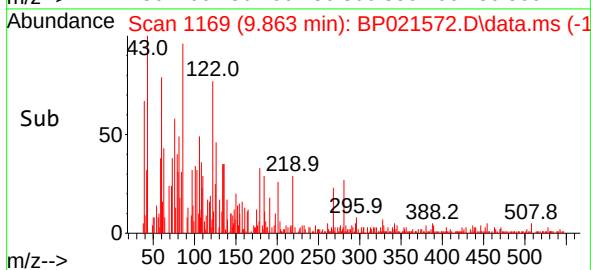
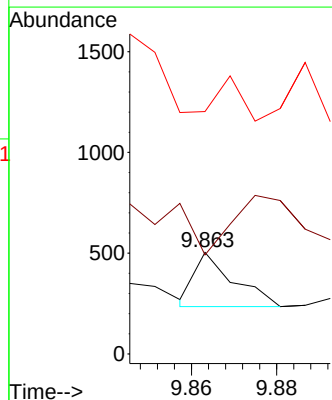
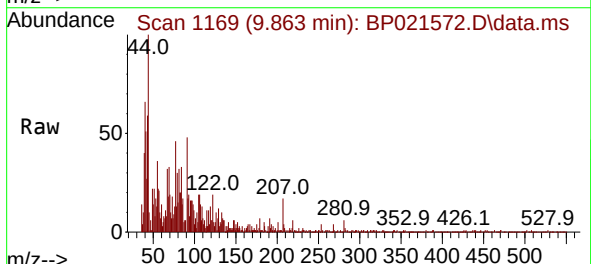
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-17-080724RE

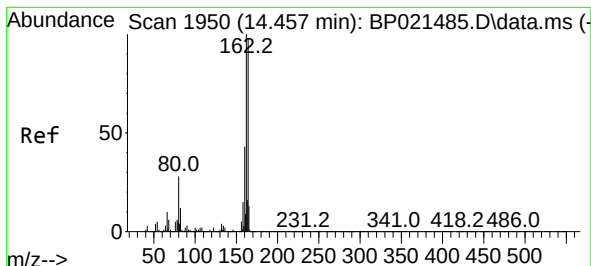
Tgt Ion: 82 Resp: 1684400  
Ion Ratio Lower Upper  
82 100  
128 36.8 26.5 39.7  
54 38.9 30.3 45.5



#32  
Benzoic acid  
Concen: 3.339 ng  
RT: 9.863 min Scan# 1169  
Delta R.T. -0.012 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

Tgt Ion:122 Resp: 172  
Ion Ratio Lower Upper  
122 100  
105 97.4 124.6 164.6#  
77 238.7 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-17-080724RE

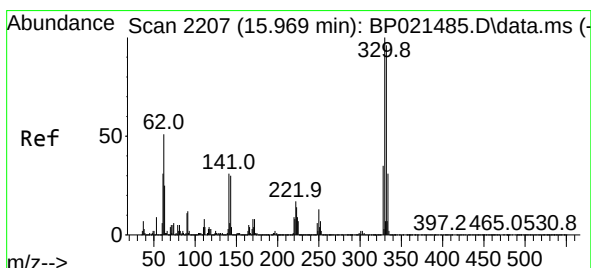
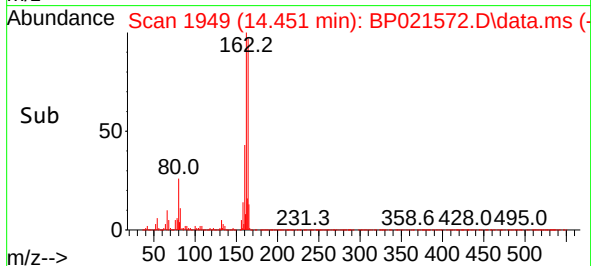
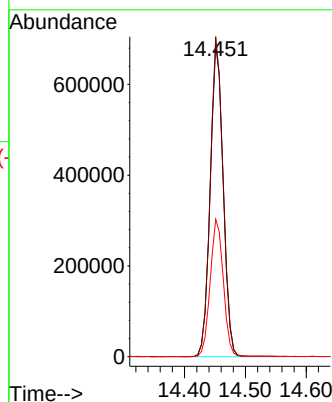
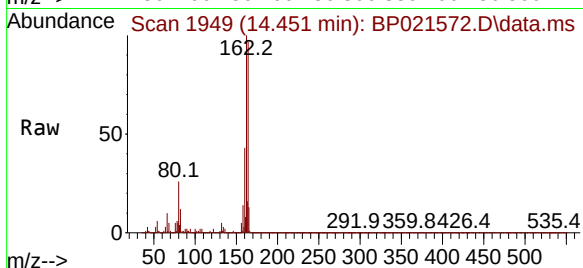
Tgt Ion:164 Resp: 1017042

Ion Ratio Lower Upper

164 100

162 102.7 81.5 122.3

160 44.1 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 87.459 ng

RT: 15.975 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

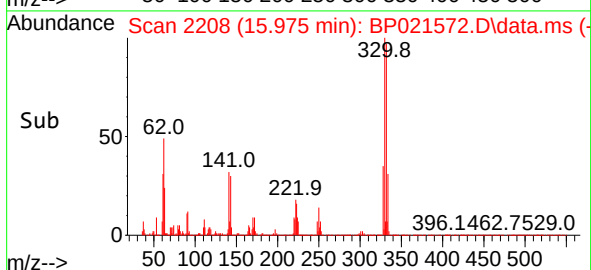
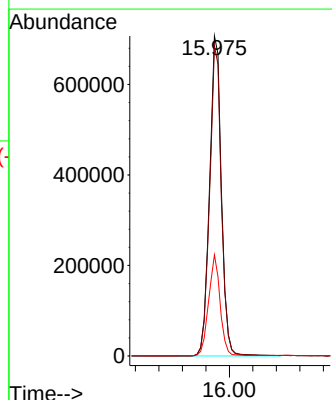
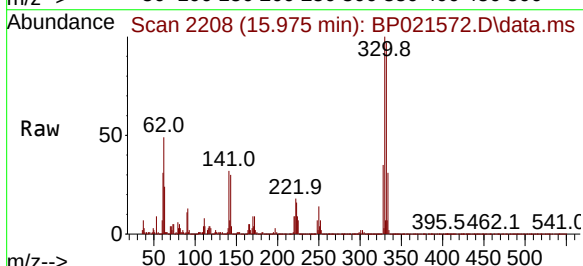
Tgt Ion:330 Resp: 989976

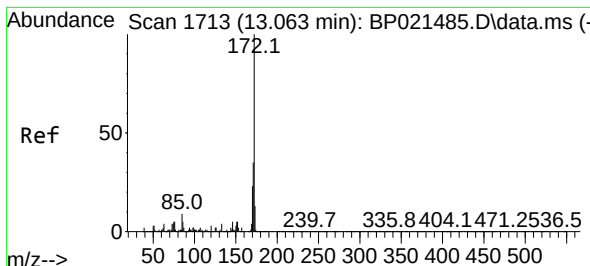
Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 30.5 24.5 36.7

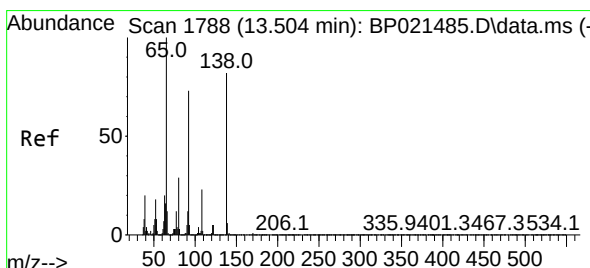
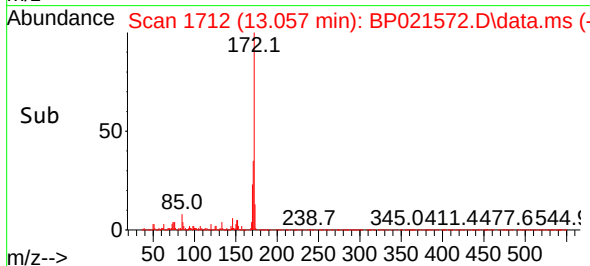
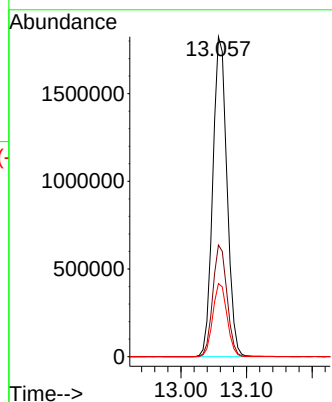
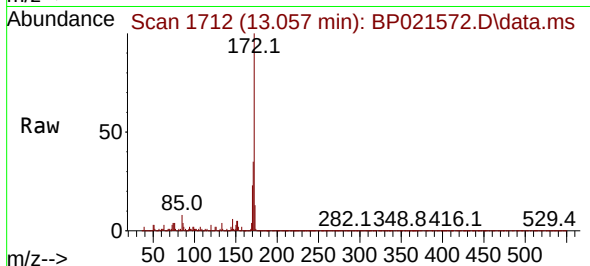




#45  
2-Fluorobiphenyl  
Concen: 41.074 ng  
RT: 13.057 min Scan# 1712  
Delta R.T. -0.006 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

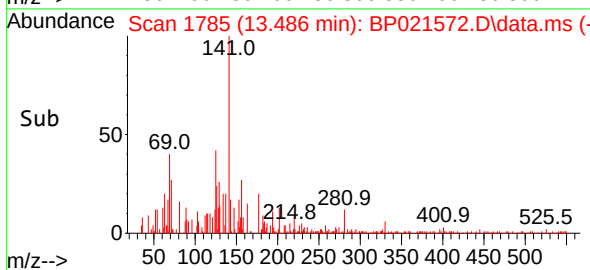
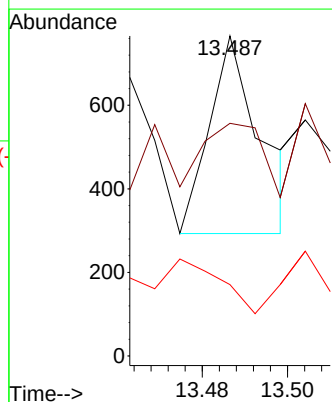
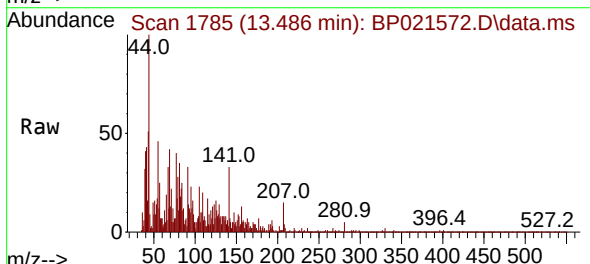
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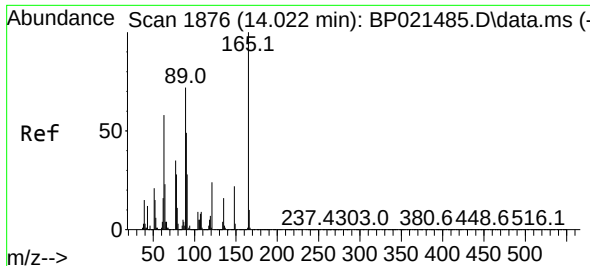
Tgt Ion:172 Resp: 2737211  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.2 42.4  
170 22.9 18.4 27.6



#48  
2-Nitroaniline  
Concen: 5.170 ng  
RT: 13.486 min Scan# 1785  
Delta R.T. -0.018 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

Tgt Ion: 65 Resp: 393  
Ion Ratio Lower Upper  
65 100  
92 72.7 58.1 87.1  
138 22.3 65.5 98.3#

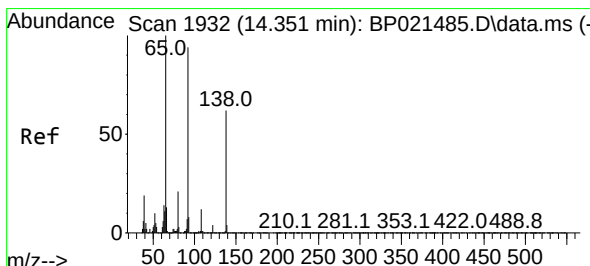
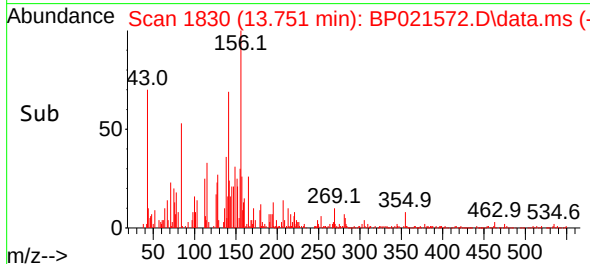
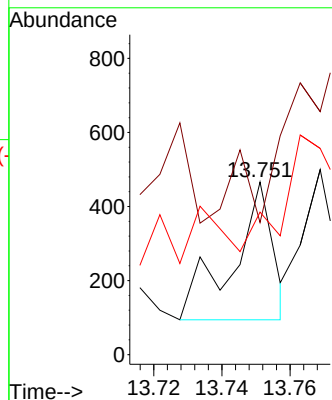
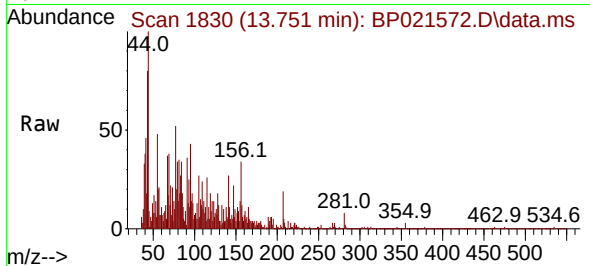




#51  
2,6-Dinitrotoluene  
Concen: 4.006 ng  
RT: 13.751 min Scan# 1876  
Delta R.T. -0.271 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

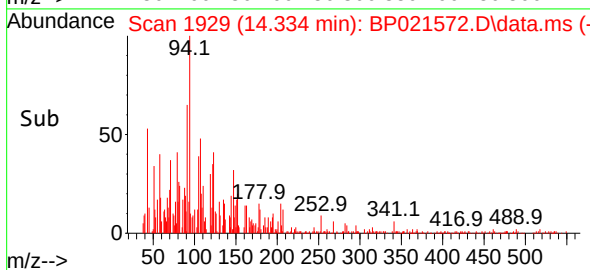
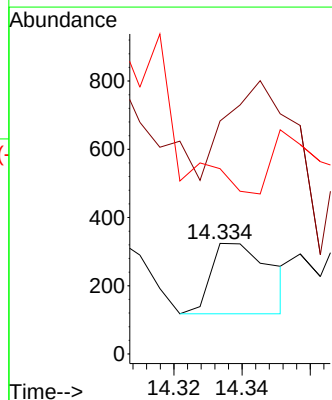
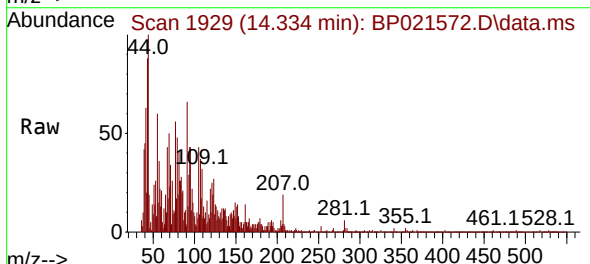
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-17-080724RE

Tgt Ion:165 Resp: 307  
Ion Ratio Lower Upper  
165 100  
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89 82.6 57.8 86.8

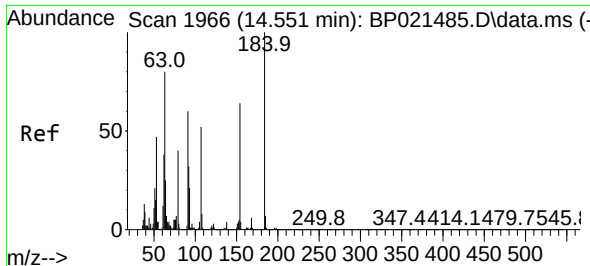


#53  
3-Nitroaniline  
Concen: 3.986 ng  
RT: 14.334 min Scan# 1929  
Delta R.T. -0.017 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

Tgt Ion:138 Resp: 254  
Ion Ratio Lower Upper  
138 100  
108 210.8 16.2 24.4#  
92 167.6 122.2 183.4



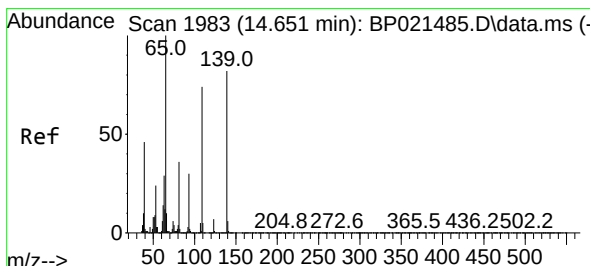
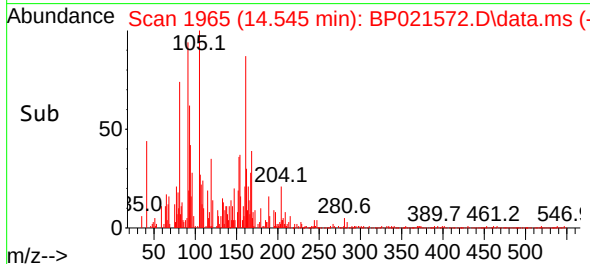
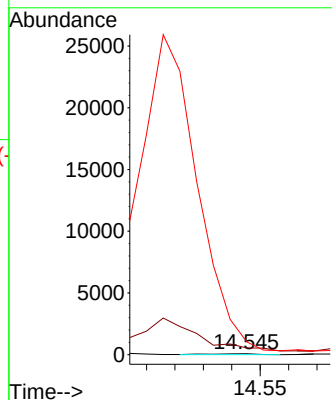
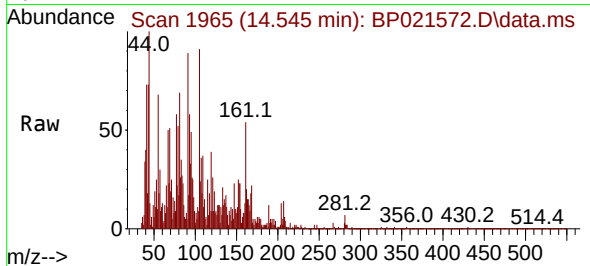




#54  
2,4-Dinitrophenol  
Concen: 2.465 ng  
RT: 14.545 min Scan# 1965  
Delta R.T. -0.006 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

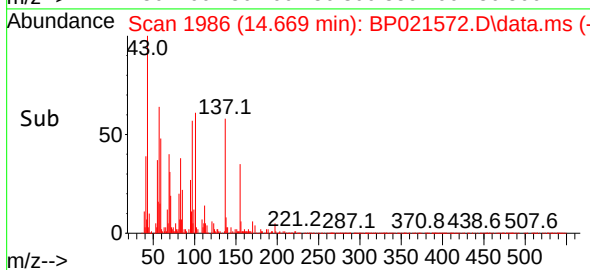
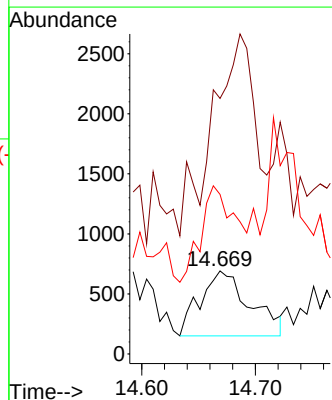
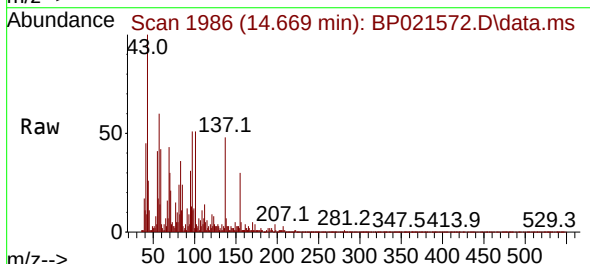
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-17-080724RE

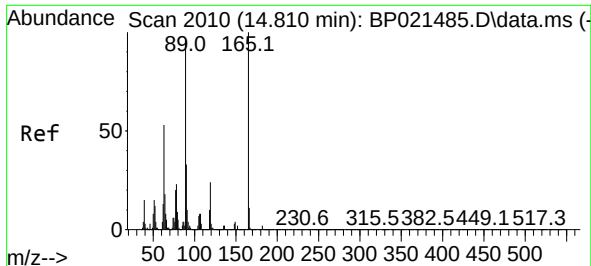
Tgt Ion:184 Resp: 88  
Ion Ratio Lower Upper  
184 100  
63 748.6 64.9 97.3#  
154 1441.7 52.1 78.1#



#56  
4-Nitrophenol  
Concen: 5.214 ng  
RT: 14.669 min Scan# 1986  
Delta R.T. 0.018 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

Tgt Ion:139 Resp: 1640  
Ion Ratio Lower Upper  
139 100  
109 308.0 70.2 110.2#  
65 192.2 101.8 141.8#

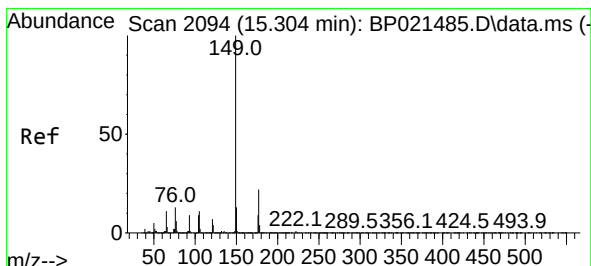
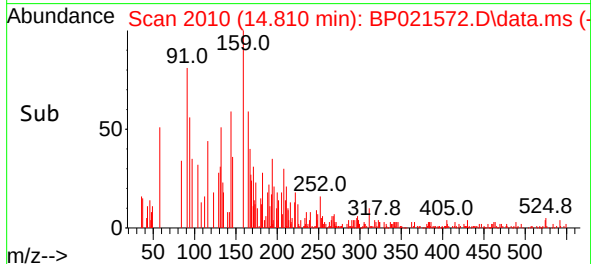
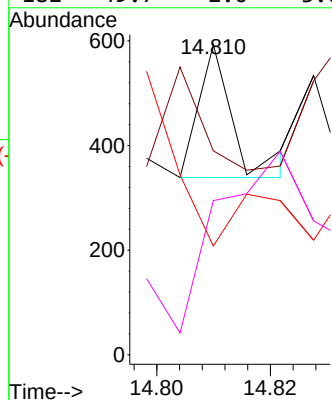
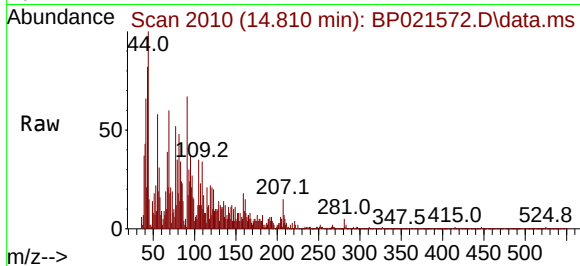




#57  
2,4-Dinitrotoluene  
Concen: 5.028 ng  
RT: 14.810 min Scan# 2010  
Delta R.T. -0.000 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

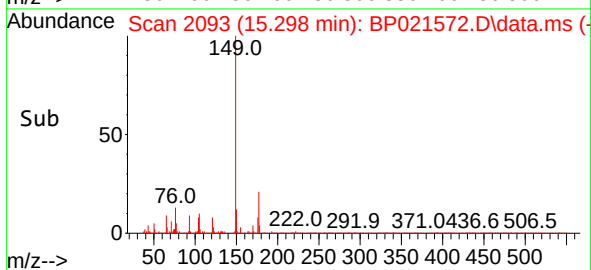
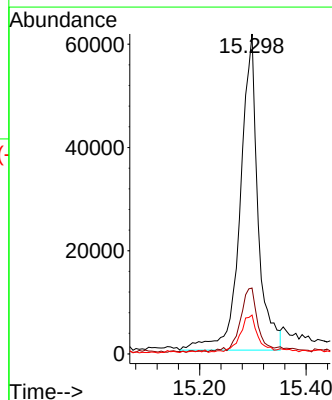
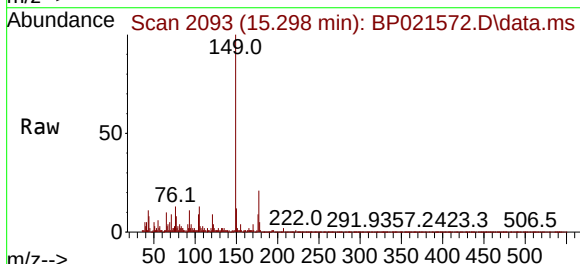
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-17-080724RE

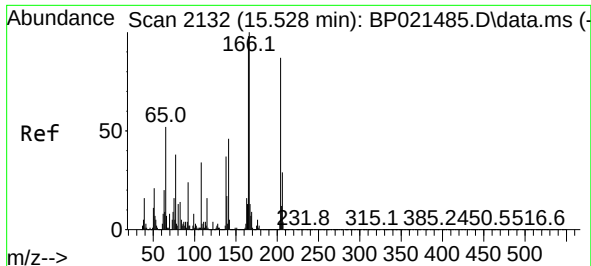
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 109    |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 65.8  | 42.5  | 63.7#  |
| 89       | 35.1  | 77.1  | 115.7# |
| 182      | 49.7  | 2.0   | 3.0#   |



#60  
Diethylphthalate  
Concen: 2.031 ng  
RT: 15.298 min Scan# 2093  
Delta R.T. -0.006 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 141920 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 20.6  | 17.8  | 26.8   |
| 150      | 12.2  | 10.1  | 15.1   |

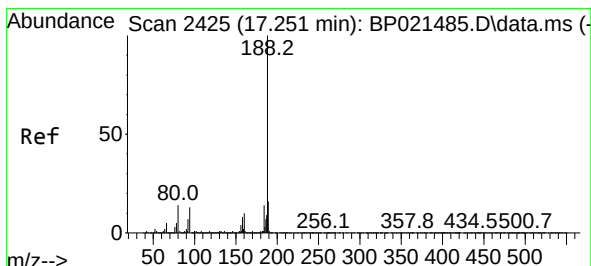
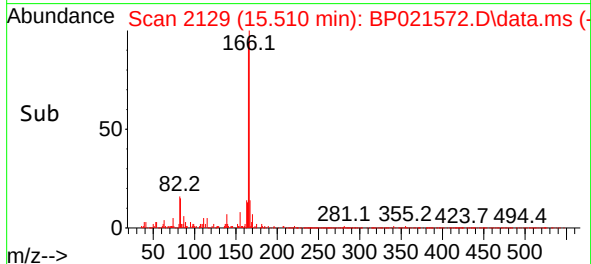
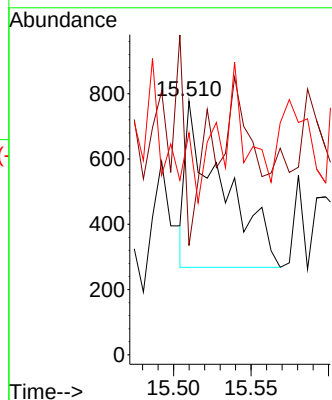
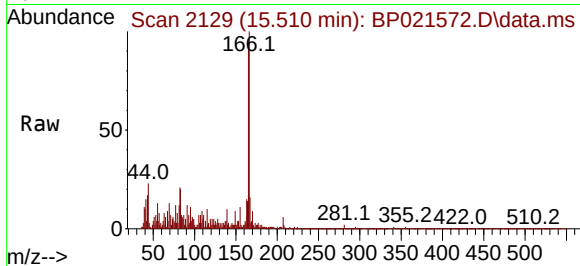




#62  
4-Nitroaniline  
Concen: 2.991 ng  
RT: 15.510 min Scan# 2132  
Delta R.T. -0.018 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

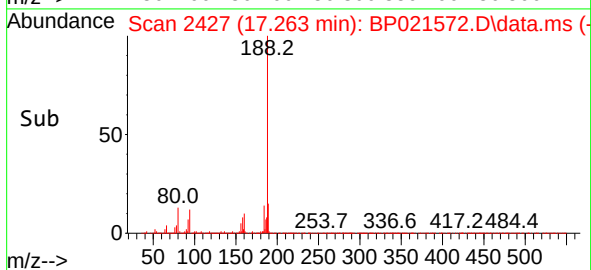
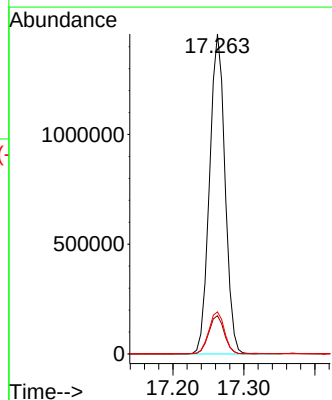
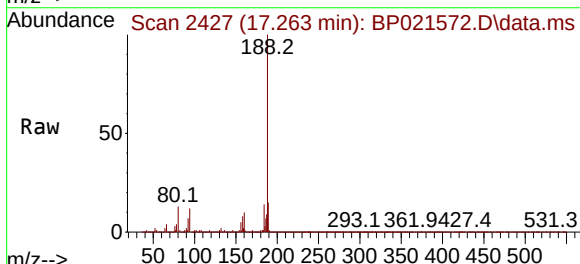
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-17-080724RE

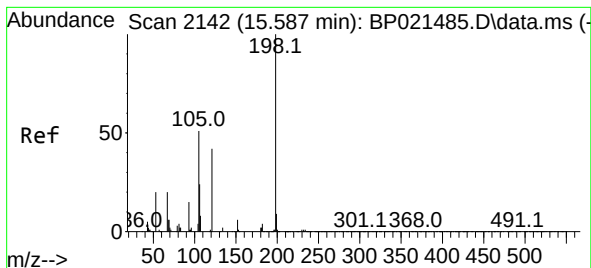
Tgt Ion:138 Resp: 835  
Ion Ratio Lower Upper  
138 100  
92 43.1 46.4 86.4#  
108 87.5 73.2 113.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.263 min Scan# 2427  
Delta R.T. 0.012 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

Tgt Ion:188 Resp: 2211502  
Ion Ratio Lower Upper  
188 100  
94 12.0 10.2 15.4  
80 13.2 11.6 17.4

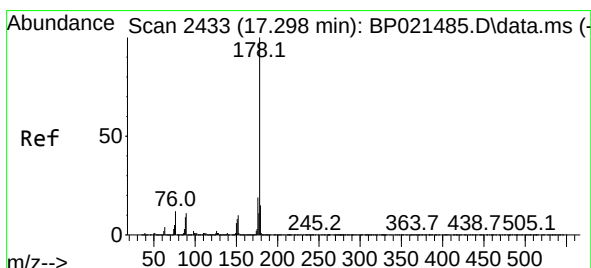
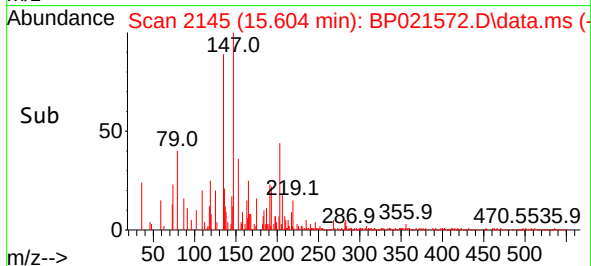
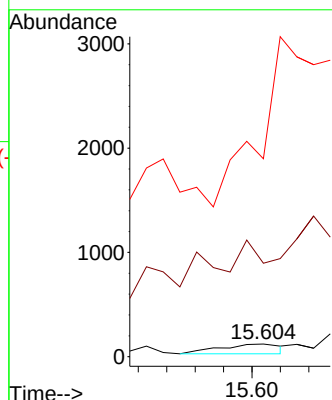
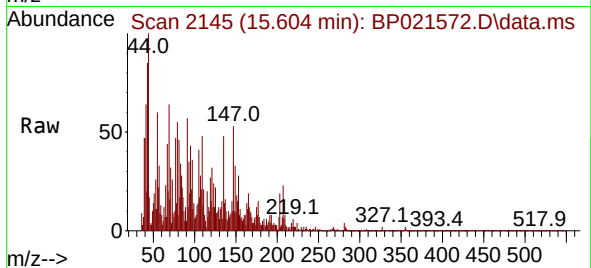




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.634 ng  
RT: 15.604 min Scan# 2142  
Delta R.T. 0.017 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

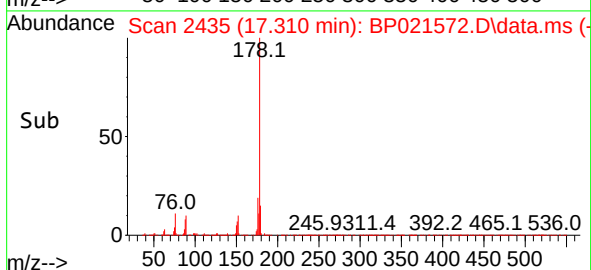
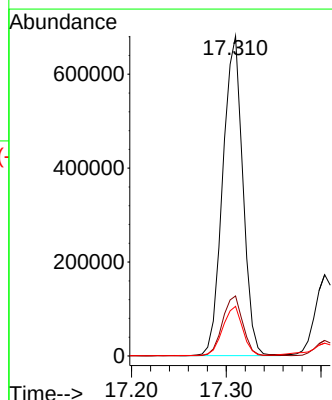
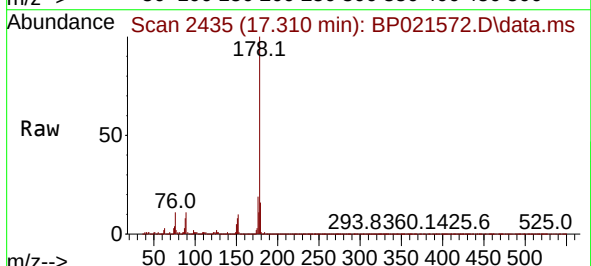
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-17-080724RE

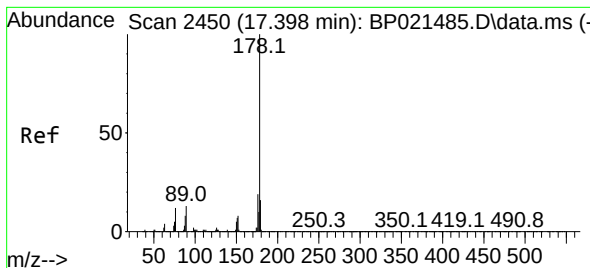
Tgt Ion:198 Resp: 142  
Ion Ratio Lower Upper  
198 100  
51 673.7 21.5 61.5#  
105 1427.1 32.9 72.9#



#71  
Phenanthrene  
Concen: 9.422 ng  
RT: 17.310 min Scan# 2435  
Delta R.T. 0.012 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

Tgt Ion:178 Resp: 1002035  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.4 23.2  
179 15.5 12.4 18.6





#72

Anthracene

Concen: 2.518 ng

RT: 17.404 min Scan# 24

Delta R.T. 0.006 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-17-080724RE

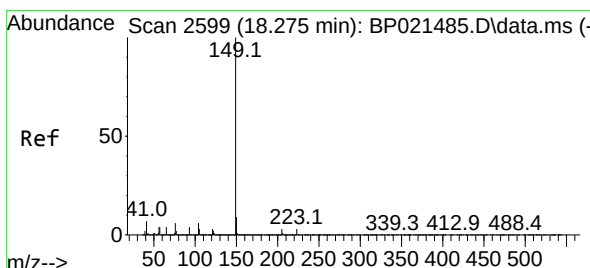
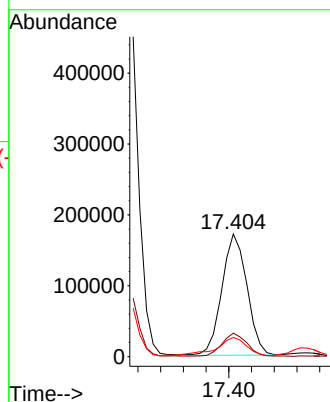
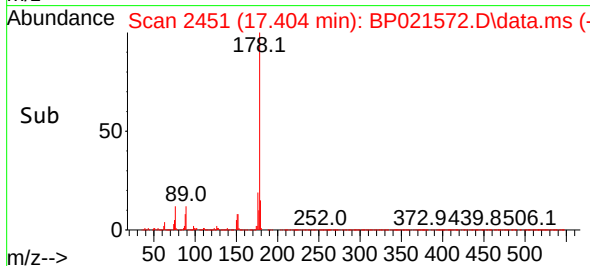
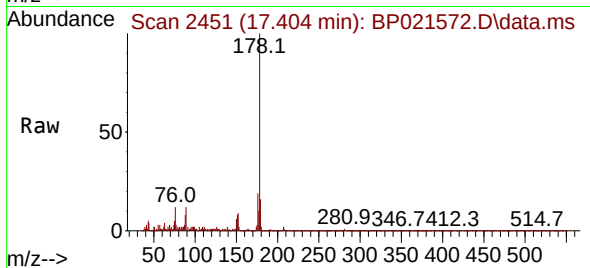
Tgt Ion:178 Resp: 262664

Ion Ratio Lower Upper

178 100

176 19.2 14.9 22.3

179 15.7 12.5 18.7



#74

Di-n-butylphthalate

Concen: 3.513 ng

RT: 18.286 min Scan# 2601

Delta R.T. 0.012 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

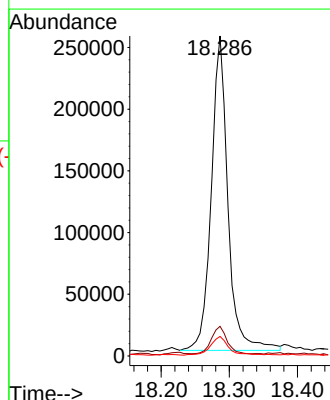
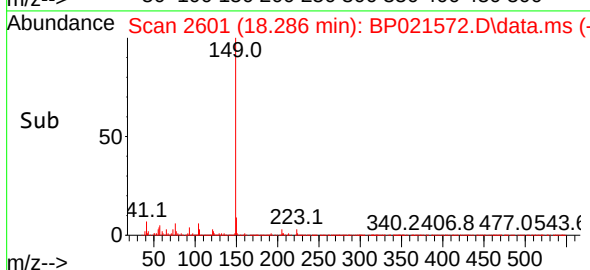
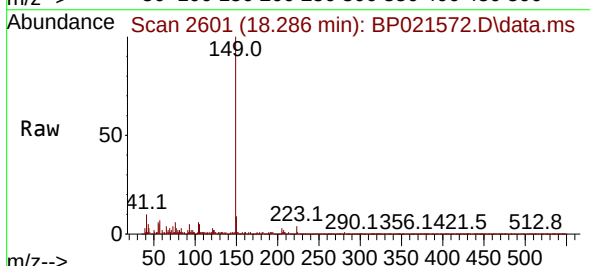
Tgt Ion:149 Resp: 433686

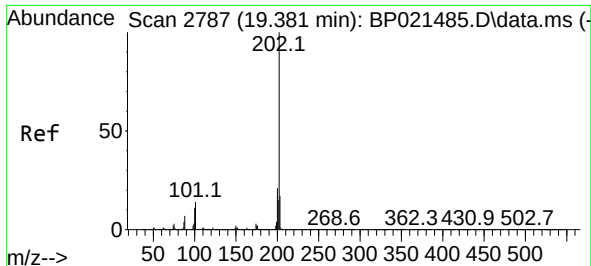
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 6.1 4.9 7.3

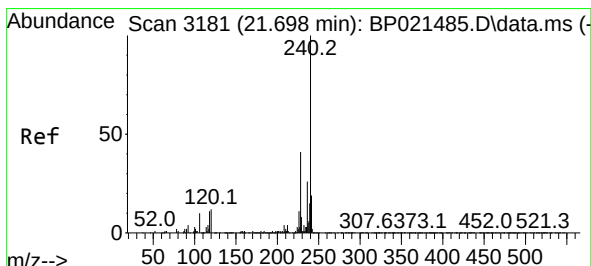
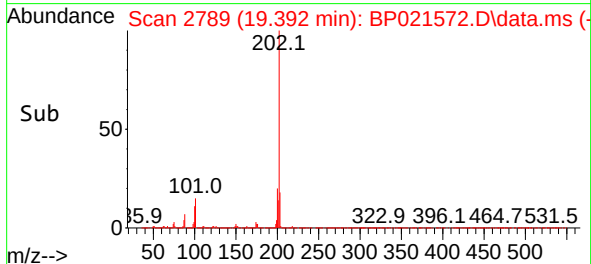
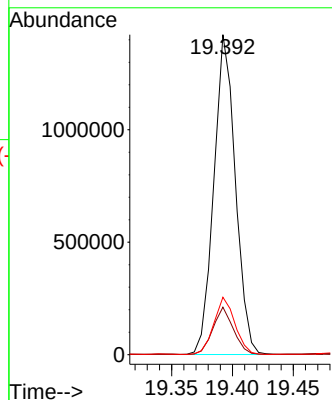
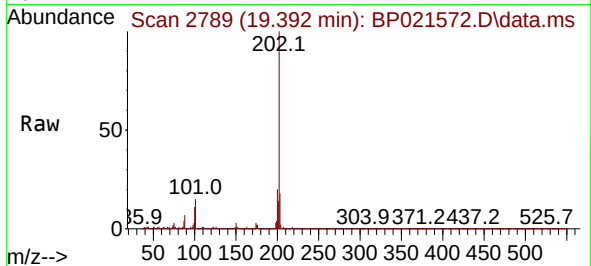




#75  
Fluoranthene  
Concen: 13.385 ng  
RT: 19.392 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

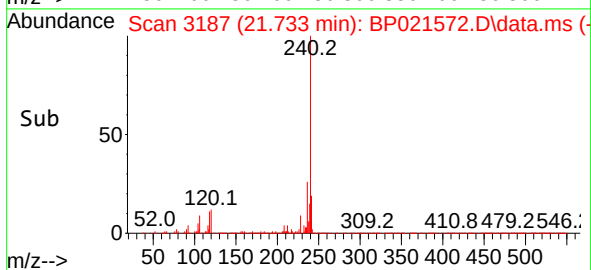
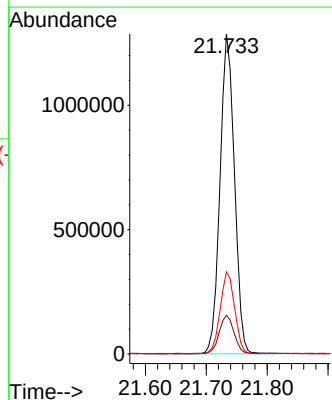
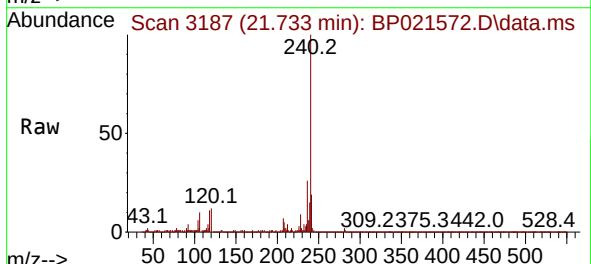
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-TS-17-080724RE

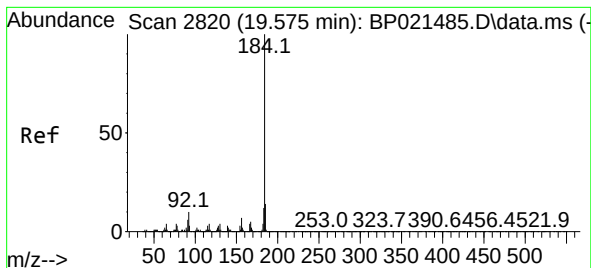
Tgt Ion:202 Resp: 1746659  
Ion Ratio Lower Upper  
202 100  
101 14.8 0.0 34.0  
203 18.0 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.733 min Scan# 3187  
Delta R.T. 0.035 min  
Lab File: BP021572.D  
Acq: 20 Aug 2024 14:25

Tgt Ion:240 Resp: 2111862  
Ion Ratio Lower Upper  
240 100  
120 12.1 9.9 14.9  
236 25.6 20.6 30.8





#77

Benzidine

Concen: 4.574 ng

RT: 19.580 min Scan# 2821

Delta R.T. 0.005 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-17-080724RE

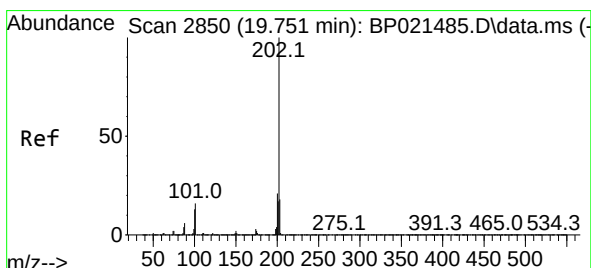
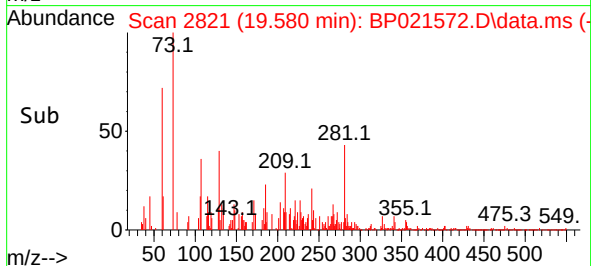
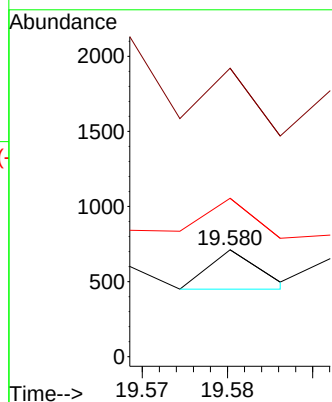
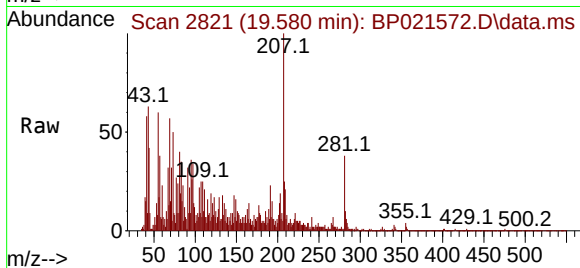
Tgt Ion:184 Resp: 109

Ion Ratio Lower Upper

184 100

185 269.8 11.4 17.0#

183 148.2 9.3 13.9#



#78

Pyrene

Concen: 11.199 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.017 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

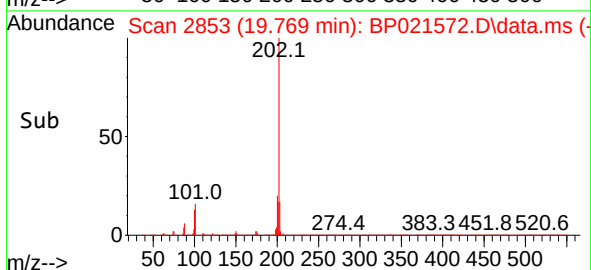
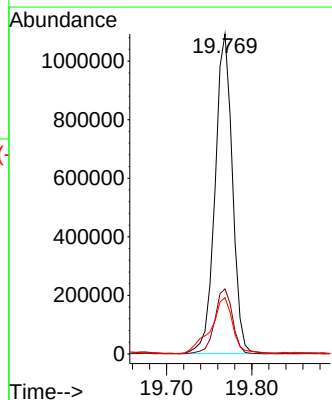
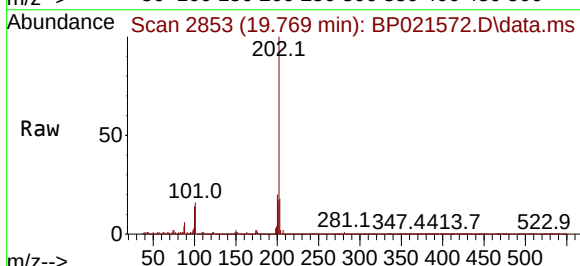
Tgt Ion:202 Resp: 1545851

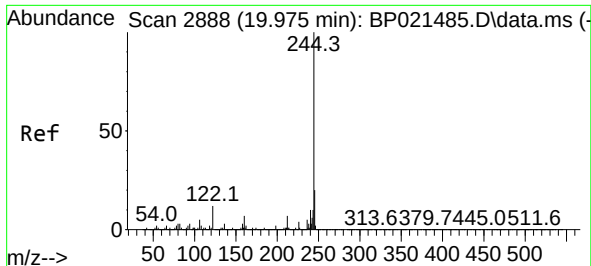
Ion Ratio Lower Upper

202 100

200 20.3 16.7 25.1

203 17.6 14.1 21.1

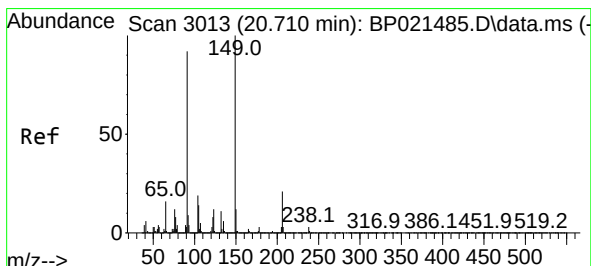
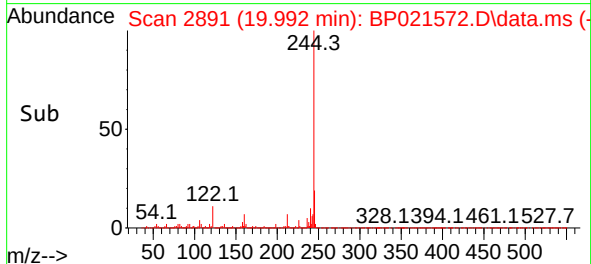
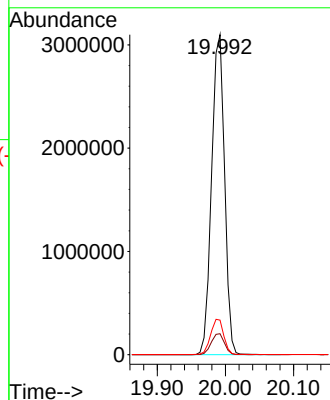
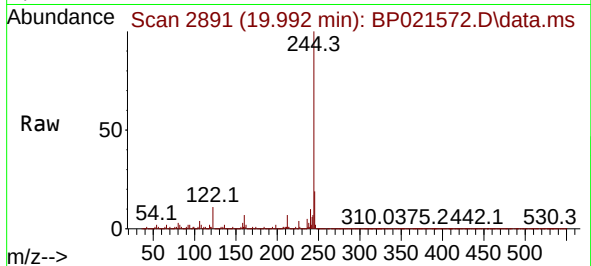




#79  
 Terphenyl-d14  
 Concen: 37.757 ng  
 RT: 19.992 min Scan# 21  
 Delta R.T. 0.017 min  
 Lab File: BP021572.D  
 Acq: 20 Aug 2024 14:25

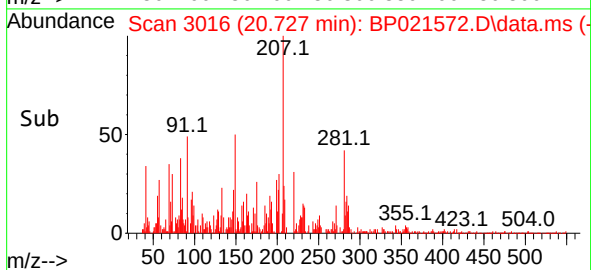
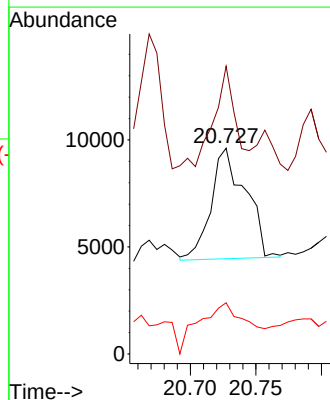
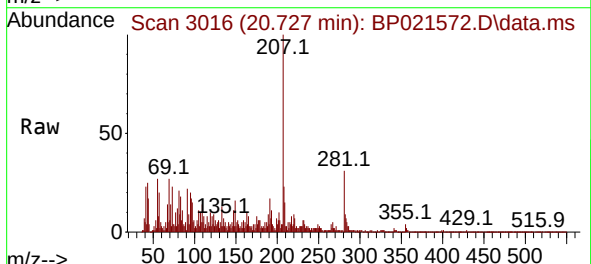
Instrument :  
 BNA\_P  
 ClientSampleId :  
 OU4-TS-17-080724RE

Tgt Ion:244 Resp: 4104451  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.6 8.4  
 122 10.8 9.4 14.2

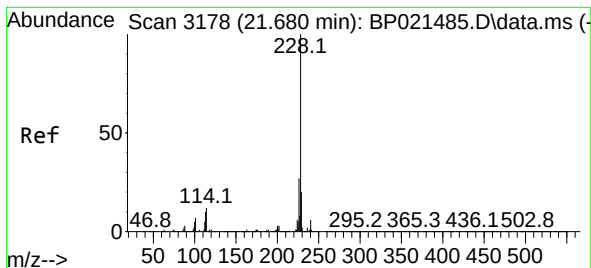


#80  
 Butylbenzylphthalate  
 Concen: 3.770 ng  
 RT: 20.727 min Scan# 3016  
 Delta R.T. 0.017 min  
 Lab File: BP021572.D  
 Acq: 20 Aug 2024 14:25

Tgt Ion:149 Resp: 9464  
 Ion Ratio Lower Upper  
 149 100  
 91 139.8 73.3 109.9#  
 206 24.8 17.1 25.7







#81

Benzo(a)anthracene

Concen: 5.887 ng

RT: 21.715 min Scan# 3184

Delta R.T. 0.035 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-17-080724RE

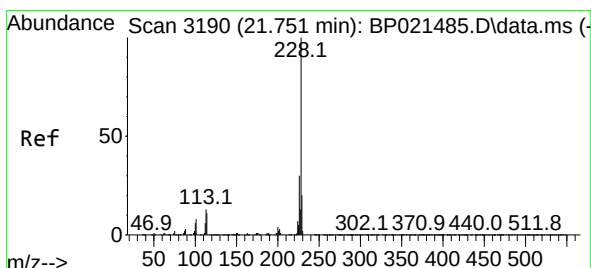
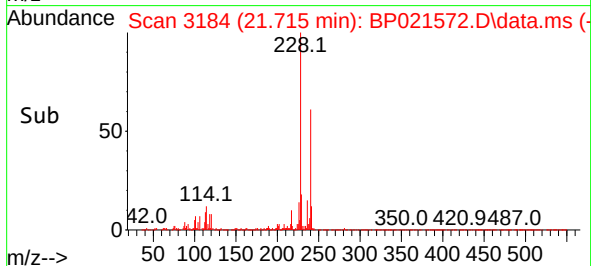
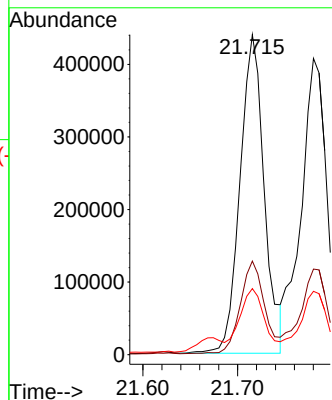
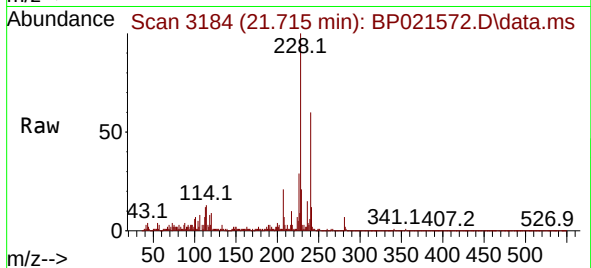
Tgt Ion:228 Resp: 780442

Ion Ratio Lower Upper

228 100

226 29.2 21.4 32.2

229 20.7 15.8 23.6



#83

Chrysene

Concen: 6.046 ng

RT: 21.780 min Scan# 3195

Delta R.T. 0.029 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

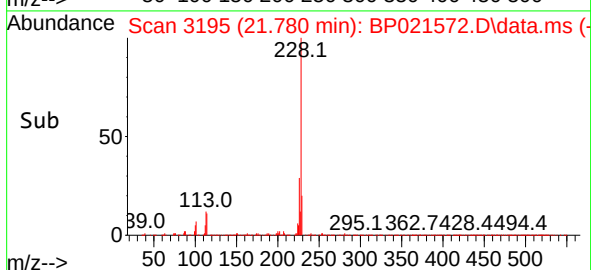
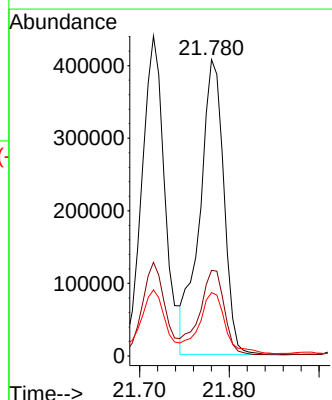
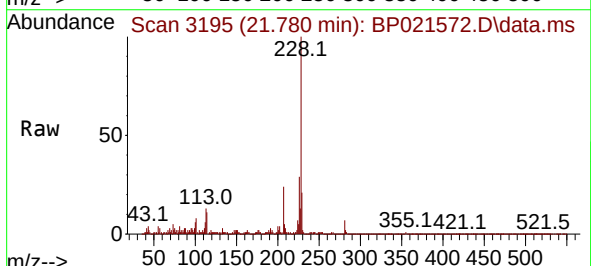
Tgt Ion:228 Resp: 756795

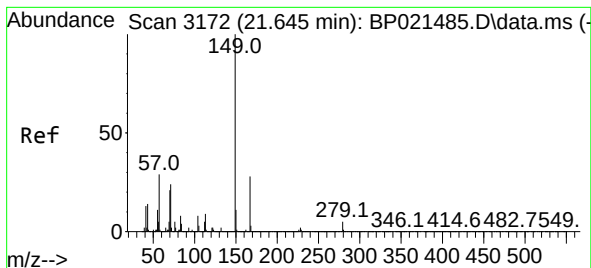
Ion Ratio Lower Upper

228 100

226 28.9 23.9 35.9

229 21.4 15.8 23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.683 ng

RT: 21.663 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-17-080724RE

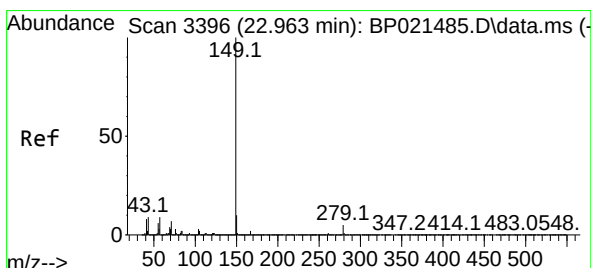
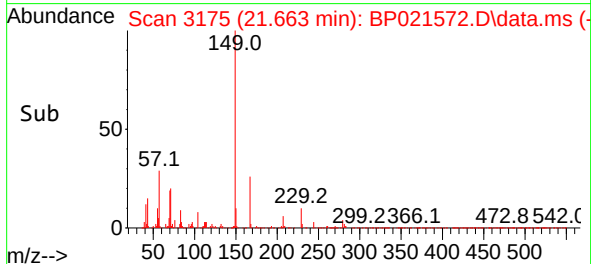
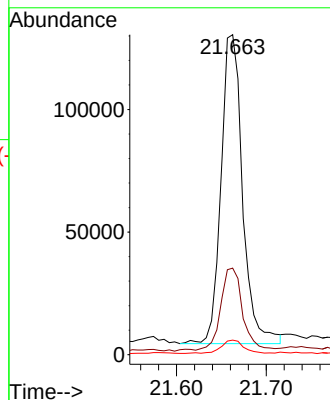
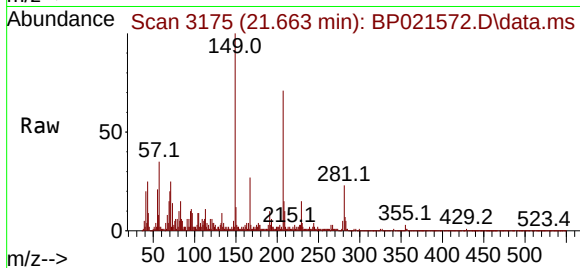
Tgt Ion:149 Resp: 210229

Ion Ratio Lower Upper

149 100

167 27.1 22.3 33.5

279 4.5 3.8 5.6



#85

Di-n-octyl phthalate

Concen: 4.849 ng

RT: 22.992 min Scan# 3401

Delta R.T. 0.029 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

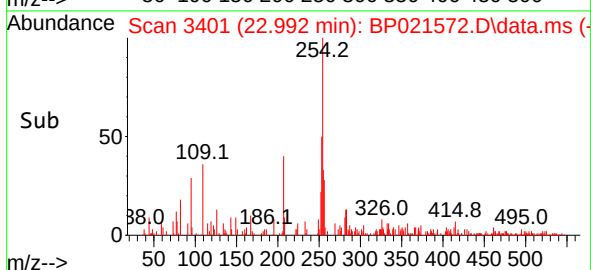
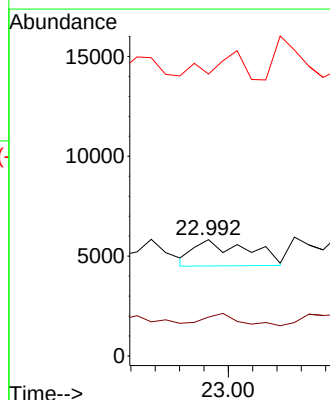
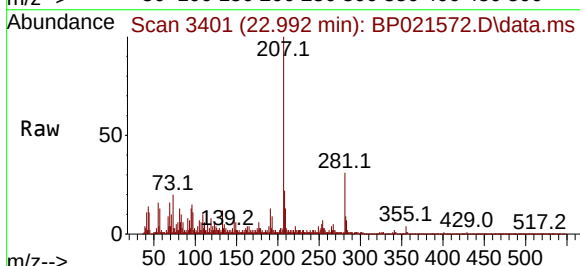
Tgt Ion:149 Resp: 2020

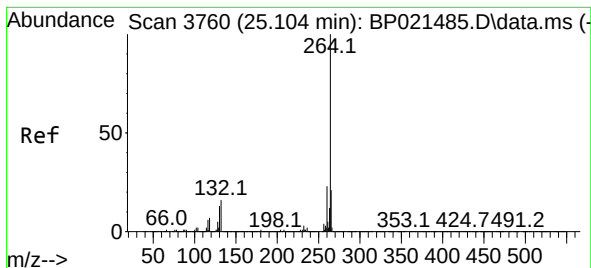
Ion Ratio Lower Upper

149 100

167 48.8 1.3 1.9#

43 0.0 7.3 10.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.174 min Scan# 31

Delta R.T. 0.070 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-17-080724RE

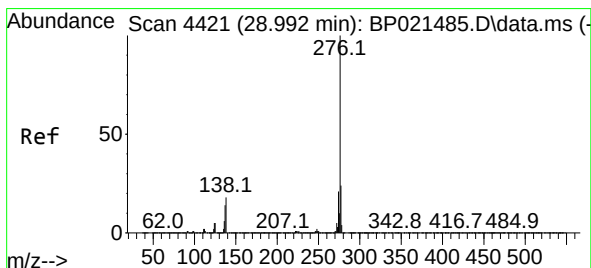
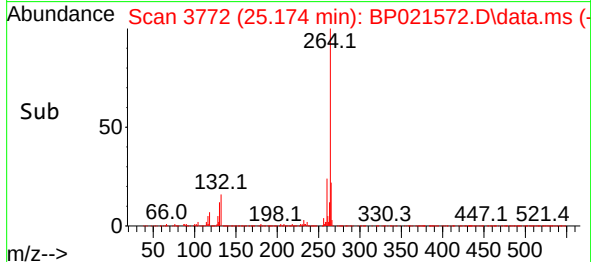
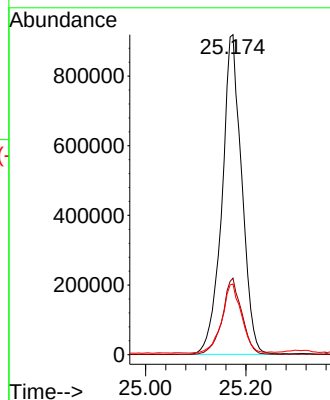
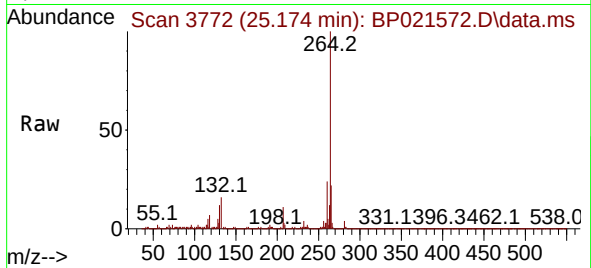
Tgt Ion:264 Resp: 2511747

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.1 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.150 ng

RT: 29.080 min Scan# 4436

Delta R.T. 0.088 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

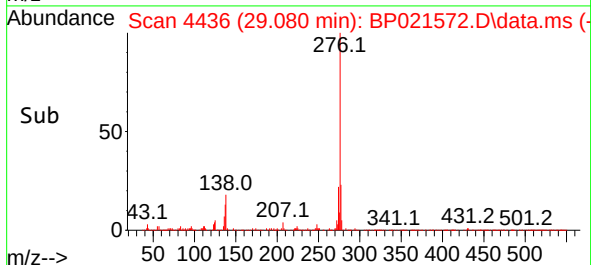
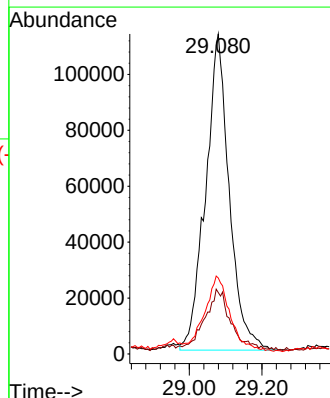
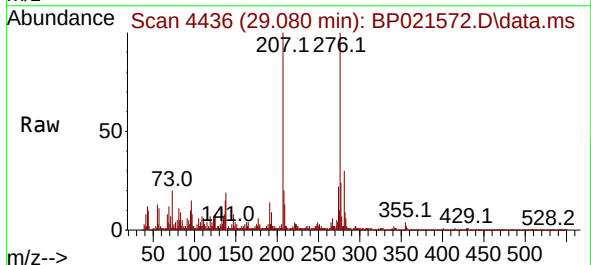
Tgt Ion:276 Resp: 512908

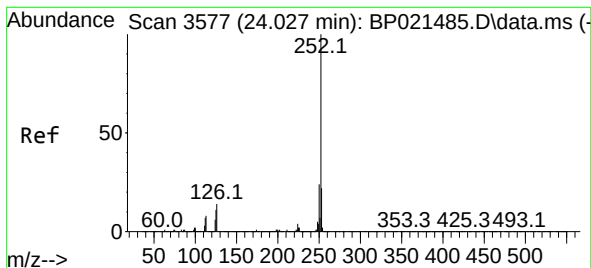
Ion Ratio Lower Upper

276 100

138 20.3 12.8 19.2#

277 25.2 16.5 24.7#





#88

Benzo(b)fluoranthene

Concen: 7.141 ng

RT: 24.080 min Scan# 3586

Delta R.T. 0.053 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-17-080724RE

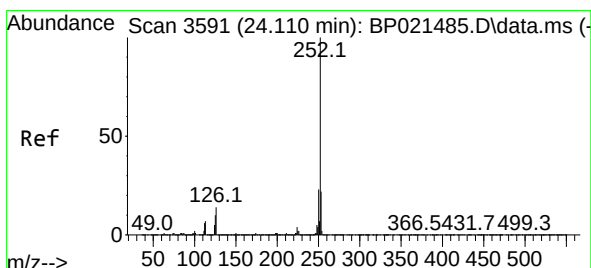
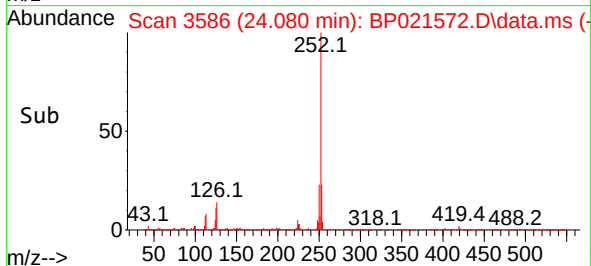
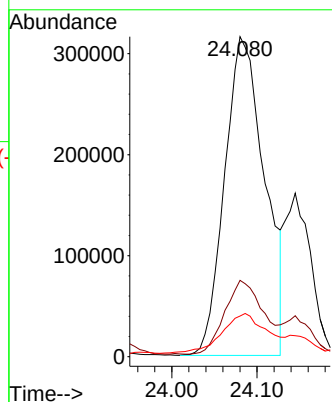
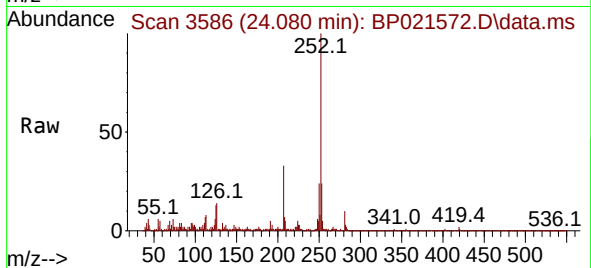
Tgt Ion:252 Resp: 1030064

Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

125 12.7 8.6 13.0



#89

Benzo(k)fluoranthene

Concen: 7.320 ng

RT: 24.080 min Scan# 3586

Delta R.T. -0.030 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

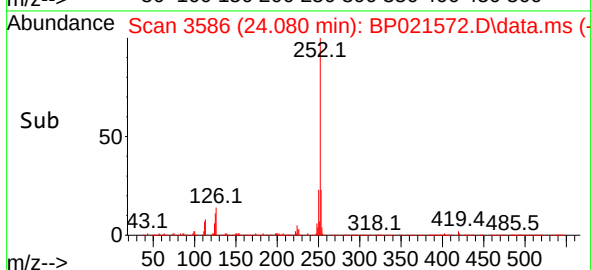
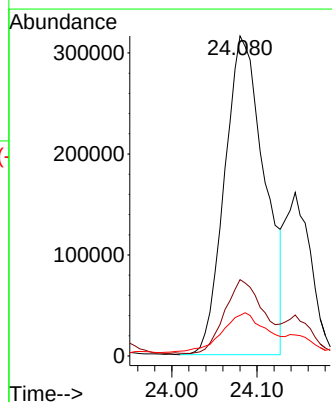
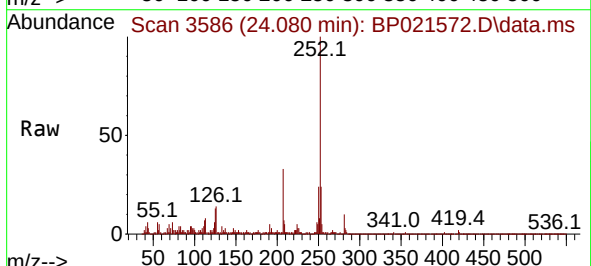
Tgt Ion:252 Resp: 1030064

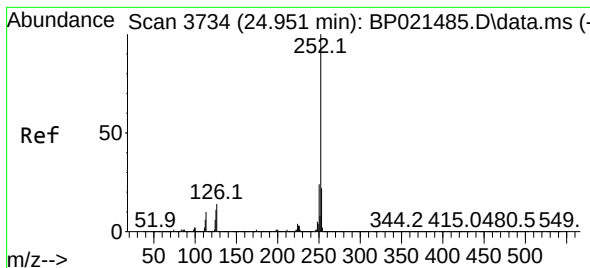
Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

125 12.7 7.8 11.8#





#90

Benzo(a)pyrene

Concen: 6.180 ng

RT: 24.992 min Scan# 31

Delta R.T. 0.041 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

Instrument :

BNA\_P

ClientSampleId :

OU4-TS-17-080724RE

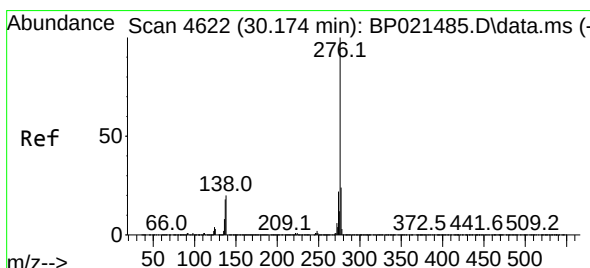
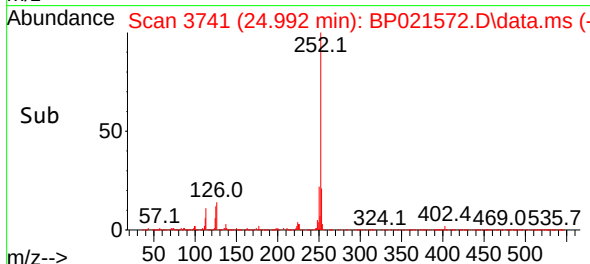
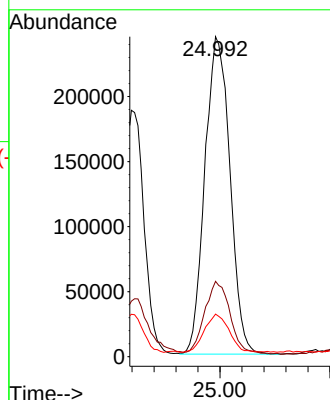
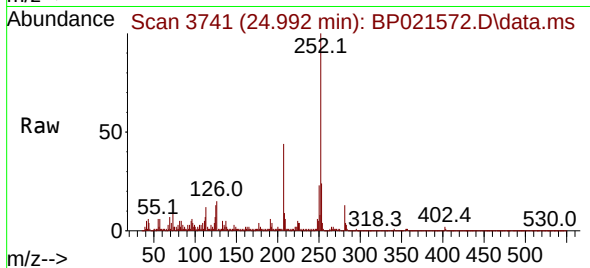
Tgt Ion:252 Resp: 773648

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

125 13.3 8.7 13.1#



#92

Benzo(g,h,i)perylene

Concen: 3.589 ng

RT: 30.280 min Scan# 4640

Delta R.T. 0.106 min

Lab File: BP021572.D

Acq: 20 Aug 2024 14:25

Tgt Ion:276 Resp: 486567

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 19.4 16.0 24.0

