

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060222\  
 Data File : BP010673.D  
 Acq On : 02 Jun 2022 16:14  
 Operator : CG/JU  
 Sample : N2990-05RE  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 P028-SS001-0006-01RE

Quant Time: Jun 03 00:52:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 28 02:18:04 2022  
 Response via : Initial Calibration

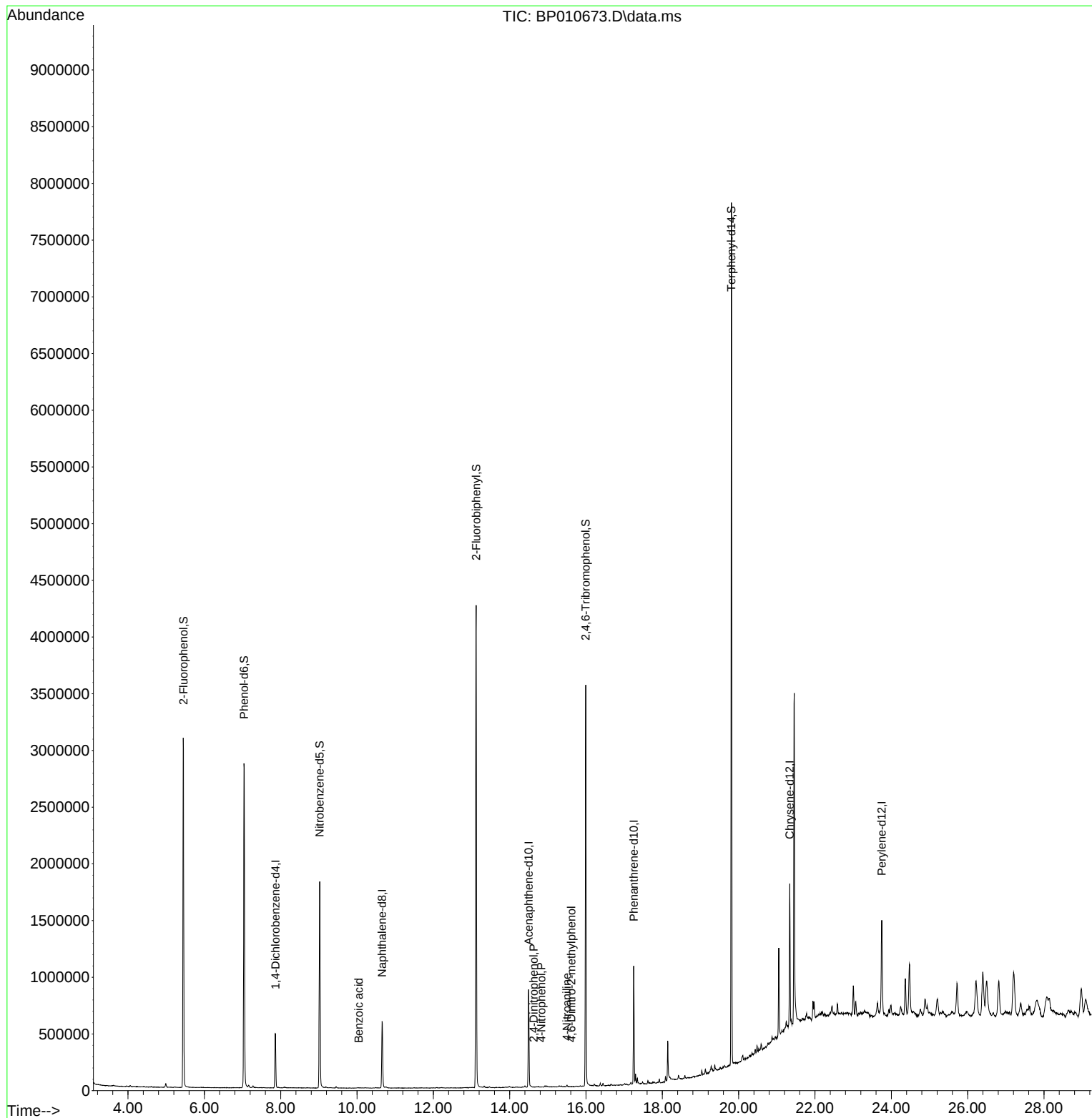
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.863  | 152  | 127593   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.657 | 136  | 494862   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.498 | 164  | 297131   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.251 | 188  | 612120   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.339 | 240  | 598209   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.751 | 264  | 611790   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.452  | 112  | 1210214  | 173.035 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.040  | 99   | 1575934  | 158.718 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.022  | 82   | 1057643  | 101.046 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.992 | 330  | 632448   | 188.039 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.122 | 172  | 2159553  | 103.151 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.810 | 244  | 3448818  | 108.289 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid              | 10.046 | 122  | 141      | 7.350   | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 14.628 | 184  | 10       | 6.649   | ng    | # 1      |
| 56) 4-Nitrophenol             | 14.834 | 139  | 50       | 3.610   | ng    | 87       |
| 62) 4-Nitroaniline            | 15.498 | 138  | 248      | 2.183   | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.616 | 198  | 23       | 4.608   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

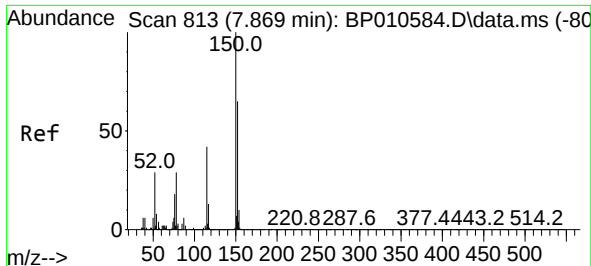
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060222\  
Data File : BP010673.D  
Acq On : 02 Jun 2022 16:14  
Operator : CG/JU  
Sample : N2990-05RE  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
P028-SS001-0006-01RE

Quant Time: Jun 03 00:52:34 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat May 28 02:18:04 2022  
Response via : Initial Calibration

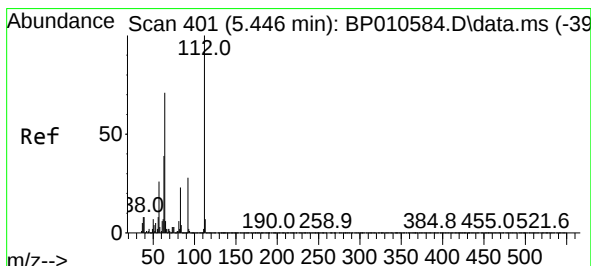
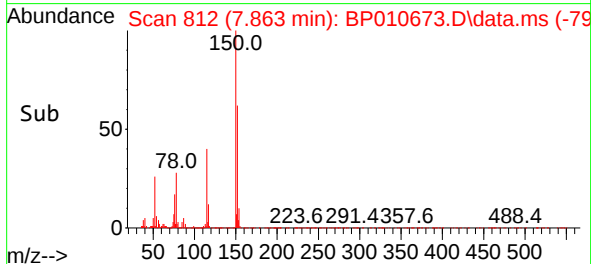
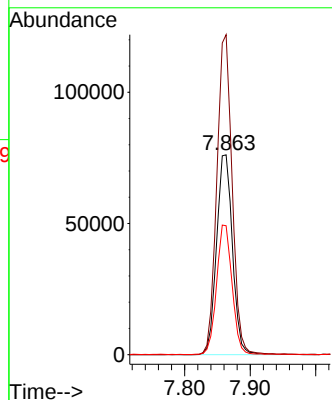
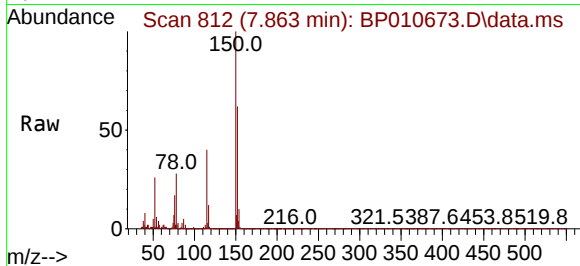




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.863 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

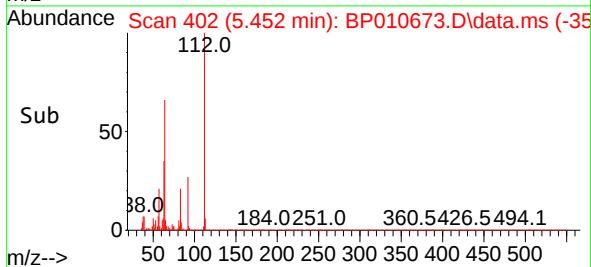
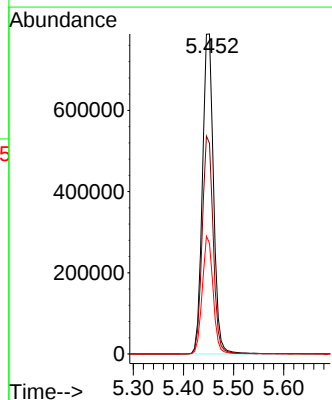
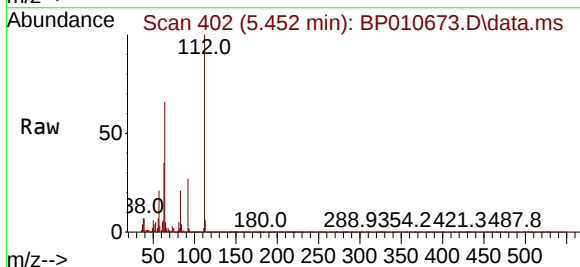
Instrument :  
BNA\_P  
ClientSampleId :  
P028-SS001-0006-01RE

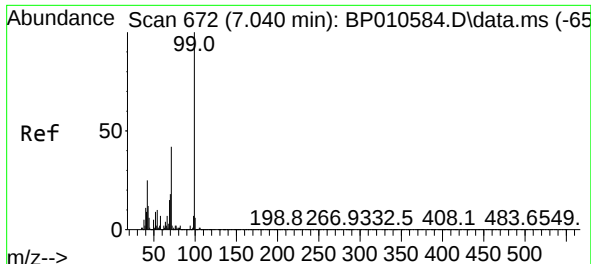
Tgt Ion:152 Resp: 127593  
Ion Ratio Lower Upper  
152 100  
150 160.1 123.4 185.2  
115 64.5 51.3 76.9



#5  
2-Fluorophenol  
Concen: 173.035 ng  
RT: 5.452 min Scan# 402  
Delta R.T. 0.006 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

Tgt Ion:112 Resp: 1210214  
Ion Ratio Lower Upper  
112 100  
64 65.9 56.9 85.3  
63 34.6 31.2 46.8

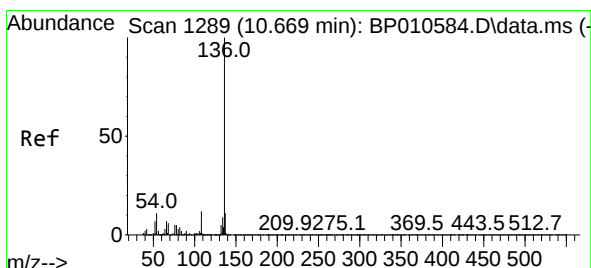
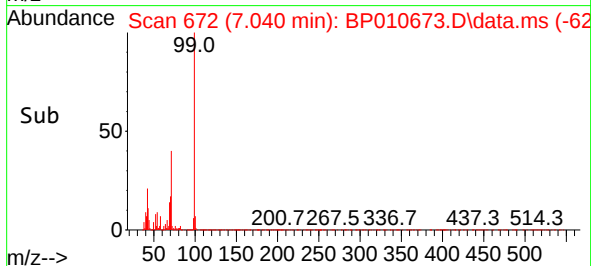
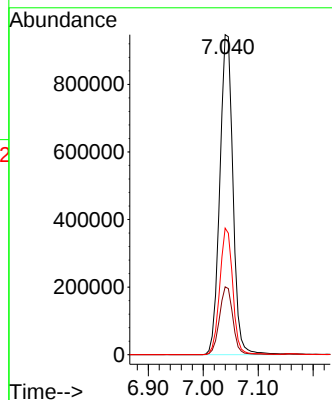
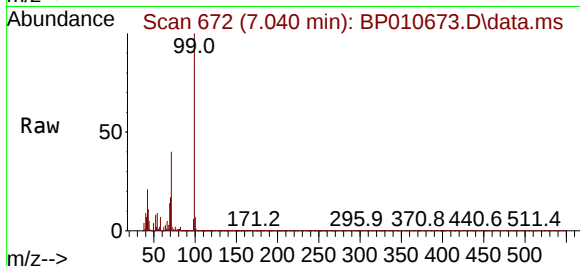




#7  
Phenol-d6  
Concen: 158.718 ng  
RT: 7.040 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

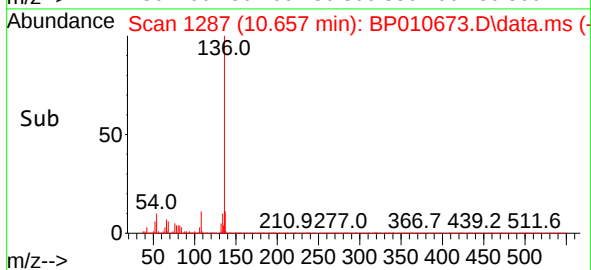
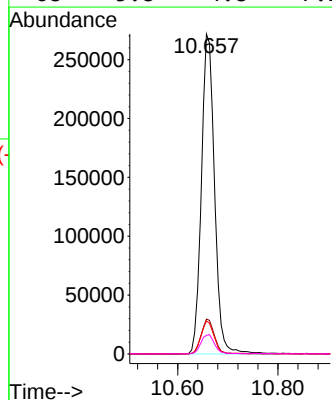
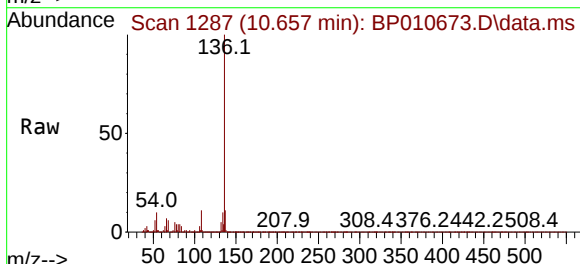
Instrument :  
BNA\_P  
ClientSampleId :  
P028-SS001-0006-01RE

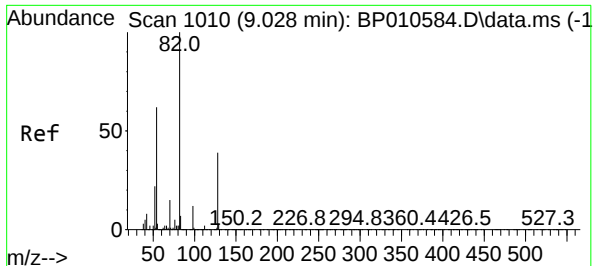
Tgt Ion: 99 Resp: 1575934  
Ion Ratio Lower Upper  
99 100  
42 21.2 20.3 30.5  
71 39.5 33.9 50.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.657 min Scan# 1287  
Delta R.T. -0.012 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

Tgt Ion:136 Resp: 494862  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 10.3 8.7 13.1  
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 101.046 ng

RT: 9.022 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010673.D

Acq: 02 Jun 2022 16:14

Instrument :

BNA\_P

ClientSampleId :

P028-SS001-0006-01RE

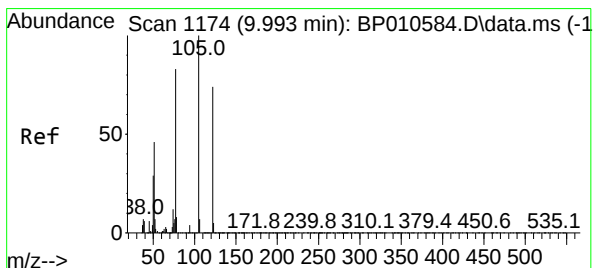
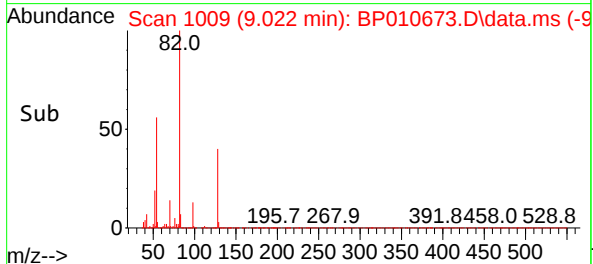
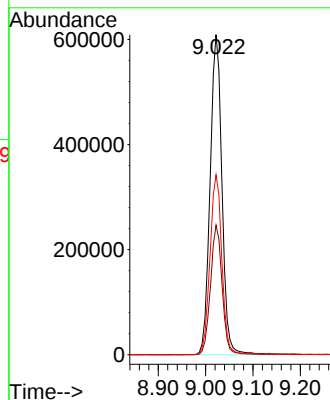
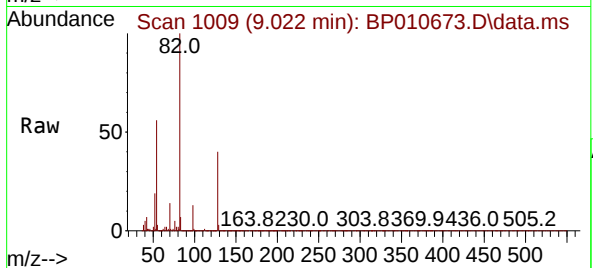
Tgt Ion: 82 Resp: 1057643

Ion Ratio Lower Upper

82 100

128 40.4 31.3 46.9

54 56.2 49.8 74.8



#32

Benzoic acid

Concen: 7.350 ng

RT: 10.046 min Scan# 1183

Delta R.T. 0.053 min

Lab File: BP010673.D

Acq: 02 Jun 2022 16:14

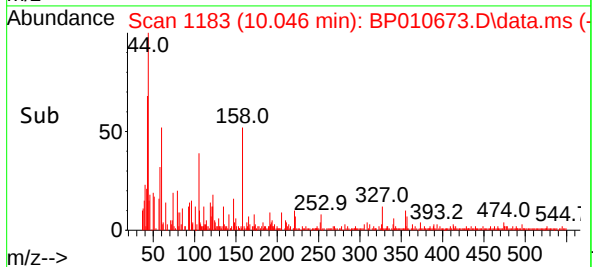
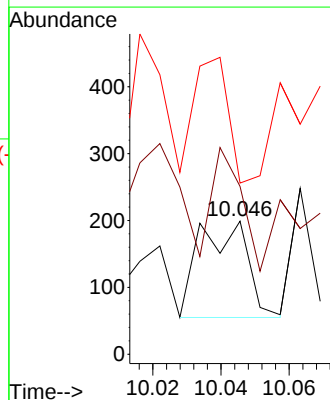
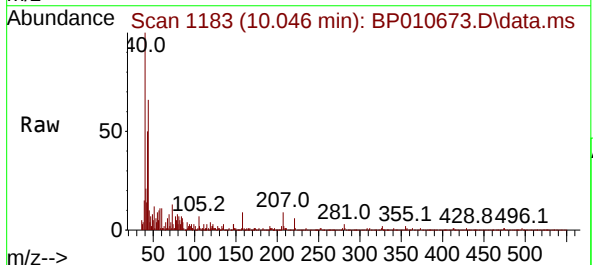
Tgt Ion: 122 Resp: 141

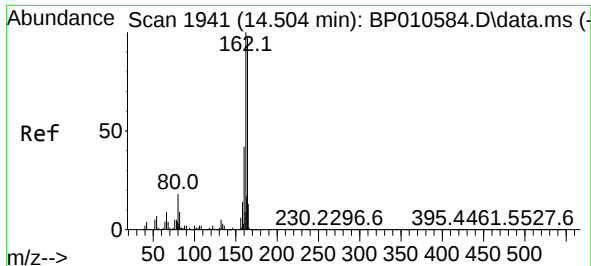
Ion Ratio Lower Upper

122 100

105 126.1 112.6 152.6

77 128.6 90.2 130.2

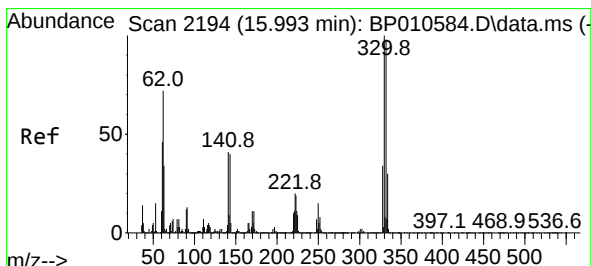
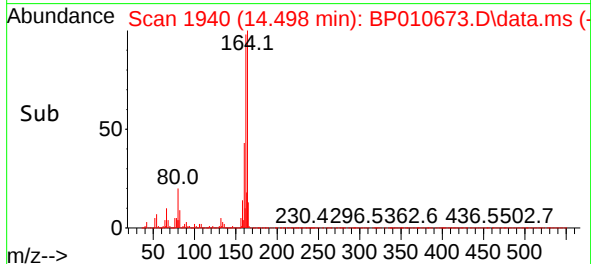
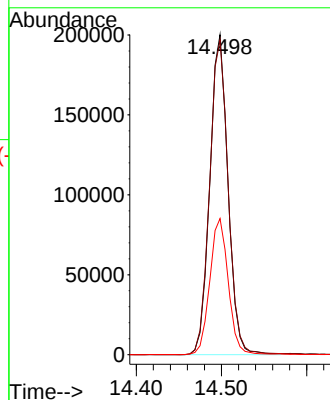
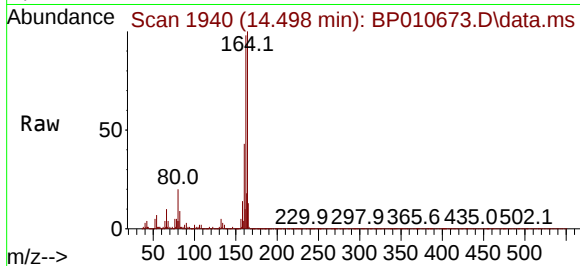




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. -0.006 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

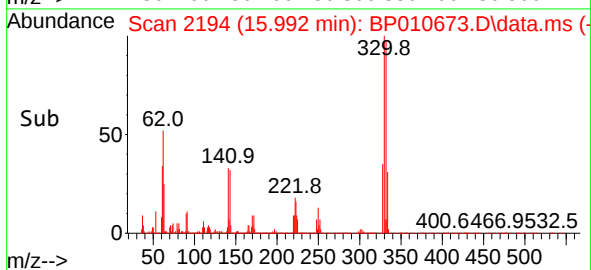
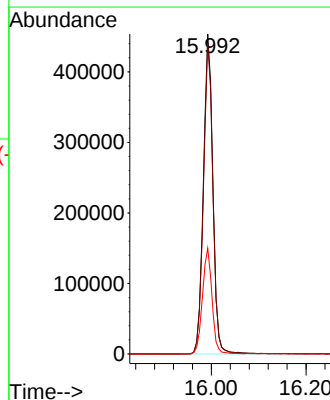
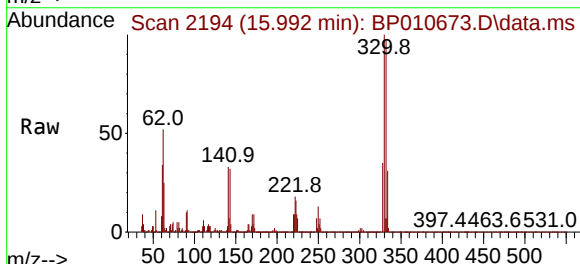
Instrument :  
BNA\_P  
ClientSampleId :  
P028-SS001-0006-01RE

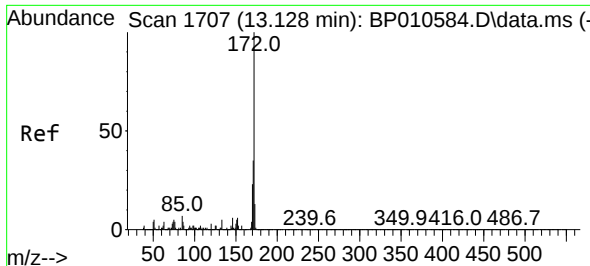
Tgt Ion:164 Resp: 297131  
Ion Ratio Lower Upper  
164 100  
162 98.3 81.9 122.9  
160 42.6 34.6 51.8



#42  
2,4,6-Tribromophenol  
Concen: 188.039 ng  
RT: 15.992 min Scan# 2194  
Delta R.T. -0.001 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

Tgt Ion:330 Resp: 632448  
Ion Ratio Lower Upper  
330 100  
332 96.3 78.1 117.1  
141 33.1 31.4 47.2

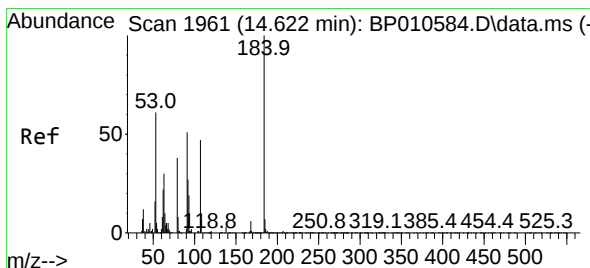
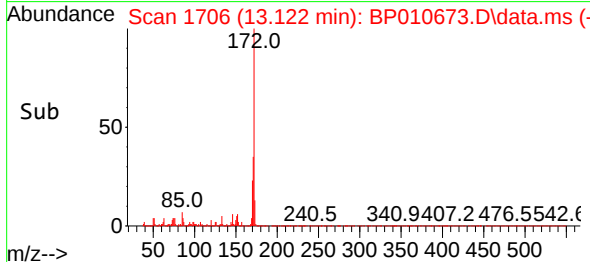
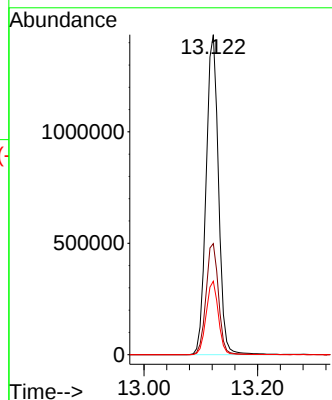
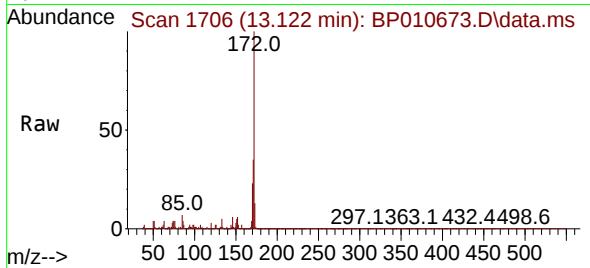




#45  
2-Fluorobiphenyl  
Concen: 103.151 ng  
RT: 13.122 min Scan# 1707  
Delta R.T. -0.006 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

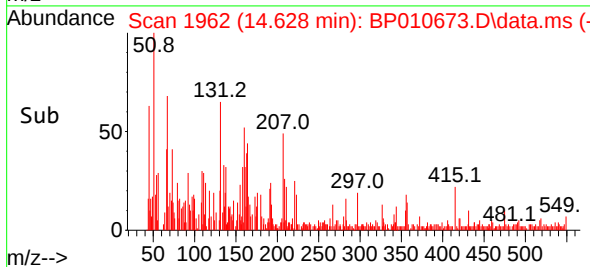
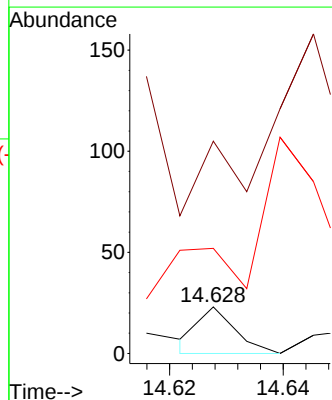
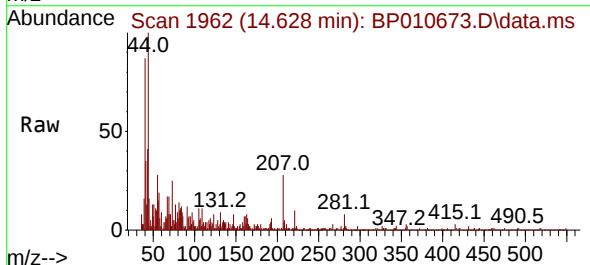
Instrument :  
BNA\_P  
ClientSampleId :  
P028-SS001-0006-01RE

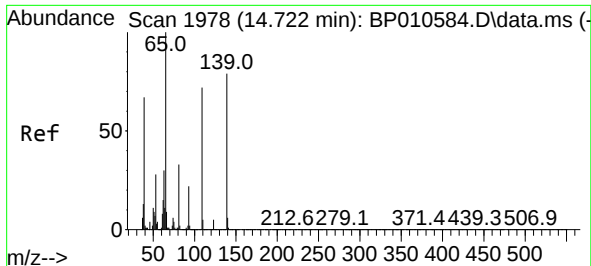
Tgt Ion:172 Resp: 2159553  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.9 41.9  
170 23.0 18.2 27.2



#54  
2,4-Dinitrophenol  
Concen: 6.649 ng  
RT: 14.628 min Scan# 1962  
Delta R.T. 0.006 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

Tgt Ion:184 Resp: 10  
Ion Ratio Lower Upper  
184 100  
63 456.5 65.4 98.2#  
154 226.1 55.4 83.2#

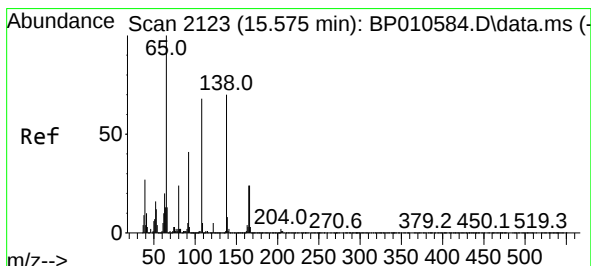
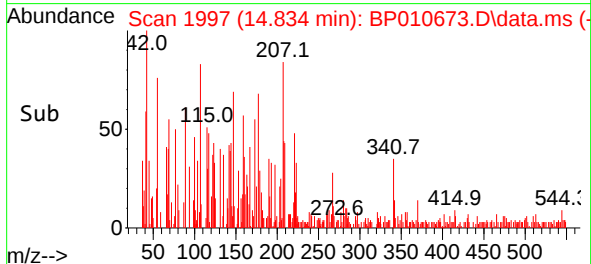
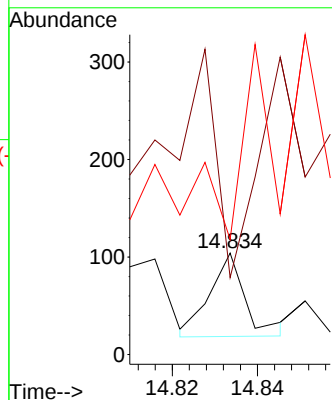
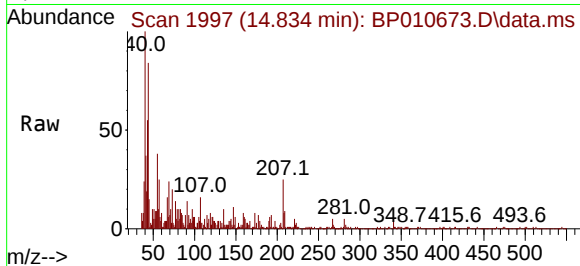




#56  
4-Nitrophenol  
Concen: 3.610 ng  
RT: 14.834 min Scan# 11  
Delta R.T. 0.112 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

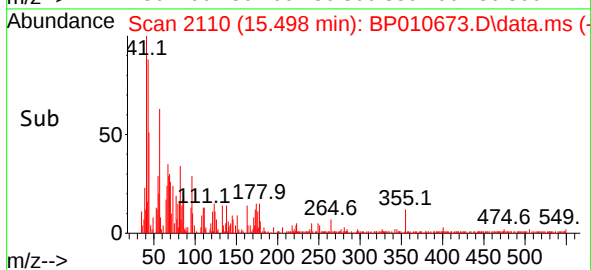
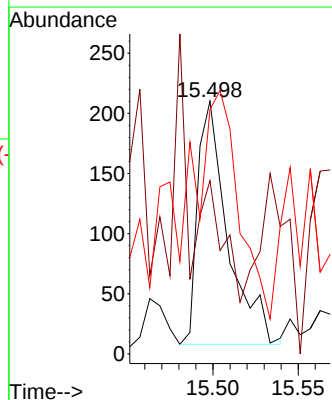
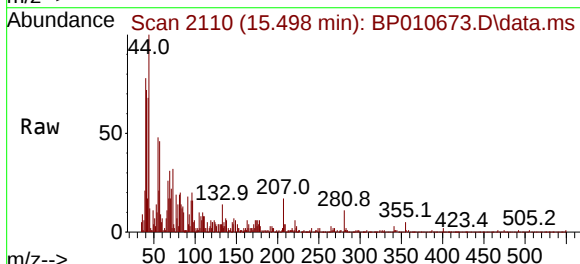
Instrument :  
BNA\_P  
ClientSampleId :  
P028-SS001-0006-01RE

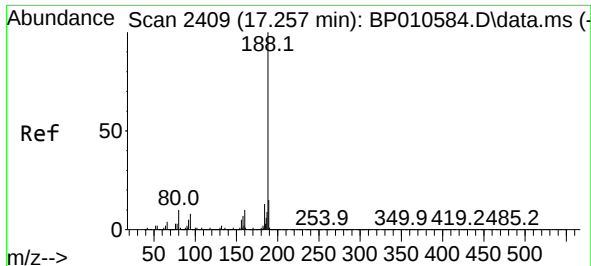
Tgt Ion:139 Resp: 50  
Ion Ratio Lower Upper  
139 100  
109 76.0 70.6 110.6  
65 113.5 106.6 146.6



#62  
4-Nitroaniline  
Concen: 2.183 ng  
RT: 15.498 min Scan# 2110  
Delta R.T. -0.077 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

Tgt Ion:138 Resp: 248  
Ion Ratio Lower Upper  
138 100  
92 68.6 38.0 78.0  
108 96.7 77.6 117.6

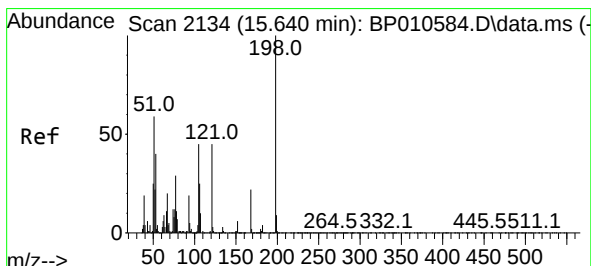
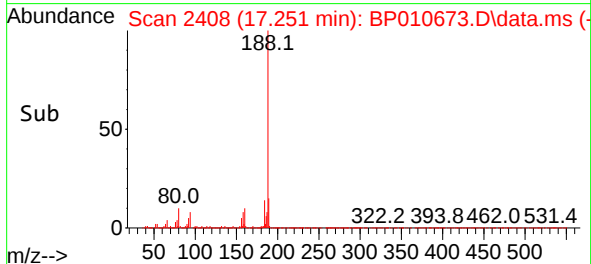
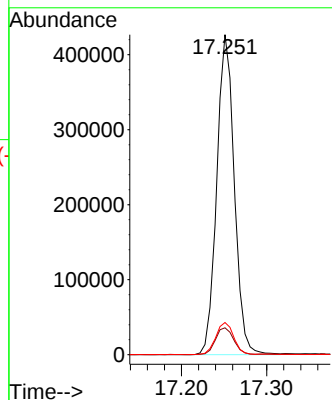
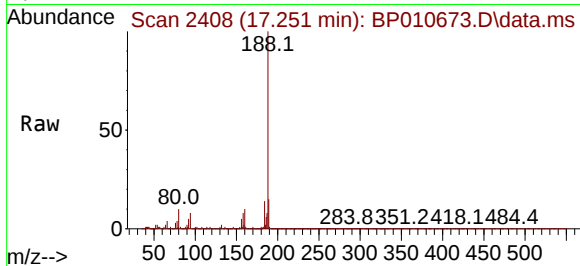




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.251 min Scan# 2408  
Delta R.T. -0.006 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

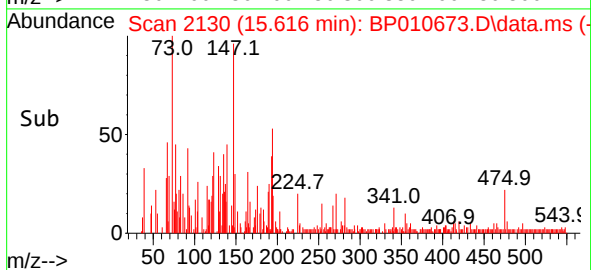
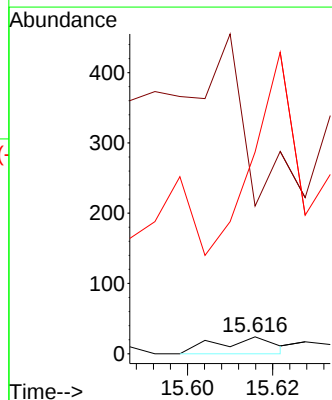
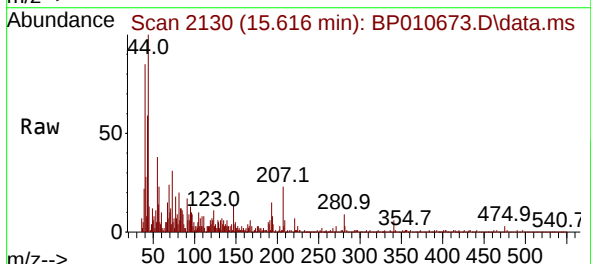
Instrument :  
BNA\_P  
ClientSampleId :  
P028-SS001-0006-01RE

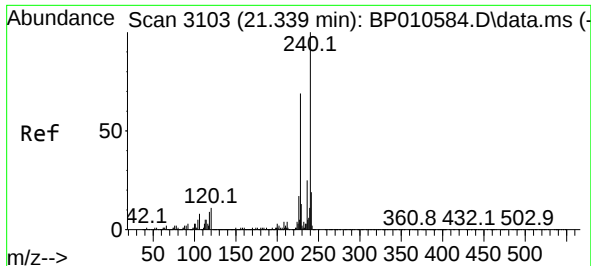
Tgt Ion:188 Resp: 612120  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.6 10.0  
80 10.1 8.0 12.0



#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.608 ng  
RT: 15.616 min Scan# 2130  
Delta R.T. -0.024 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

Tgt Ion:198 Resp: 23  
Ion Ratio Lower Upper  
198 100  
51 875.0 41.2 81.2#  
105 1195.8 25.3 65.3#

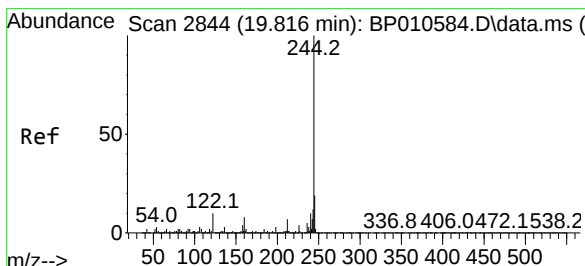
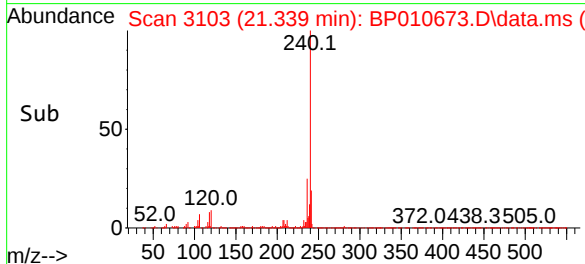
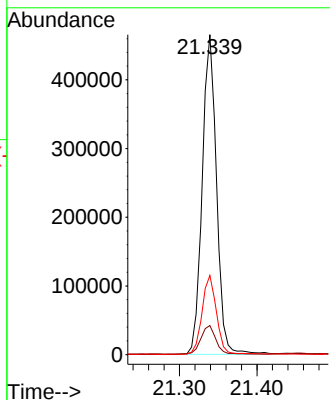
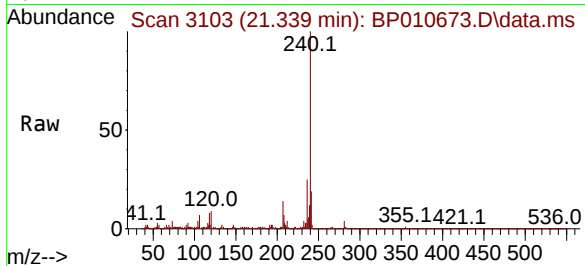




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.339 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

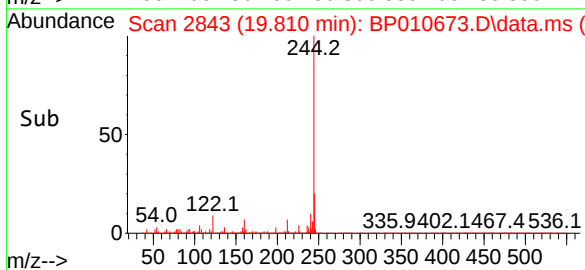
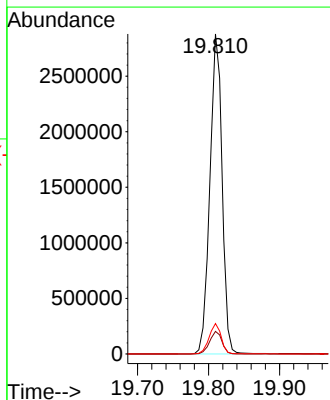
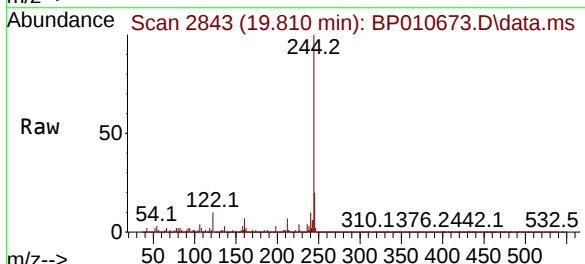
Instrument :  
BNA\_P  
ClientSampleId :  
P028-SS001-0006-01RE

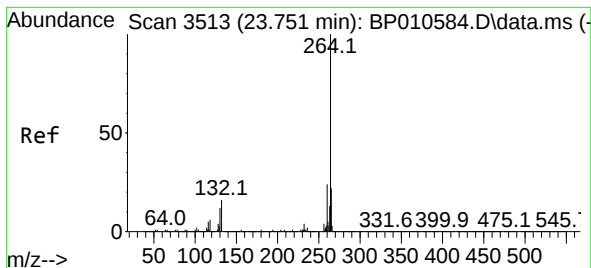
Tgt Ion:240 Resp: 598209  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.6 12.8  
236 24.8 19.8 29.6



#79  
Terphenyl-d14  
Concen: 108.289 ng  
RT: 19.810 min Scan# 2843  
Delta R.T. -0.006 min  
Lab File: BP010673.D  
Acq: 02 Jun 2022 16:14

Tgt Ion:244 Resp: 3448818  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.8 8.8  
122 9.5 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP010673.D

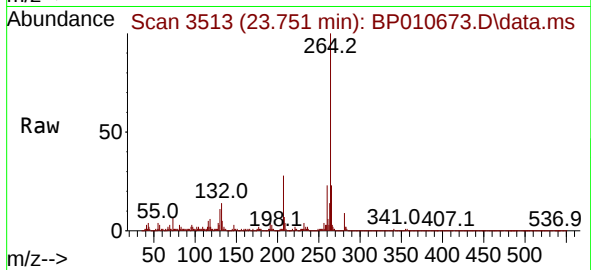
Acq: 02 Jun 2022 16:14

Instrument :

BNA\_P

ClientSampleId :

P028-SS001-0006-01RE



Tgt Ion:264 Resp: 611790

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 22.5 18.0 27.0

