

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061424\  
 Data File : BP020626.D  
 Acq On : 14 Jun 2024 15:21  
 Operator : MA/JU  
 Sample : P2878-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 348

Quant Time: Jun 14 16:00:08 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 03:41:03 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.752  | 152  | 261953   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.522 | 136  | 990856   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.392 | 164  | 511534   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.269 | 188  | 196312   | 20.000 | ng    | # 0.06   |
| 76) Chrysene-d12              | 21.733 | 240  | 1070615  | 20.000 | ng    | # 0.06   |
| 86) Perylene-d12              | 25.063 | 264  | 1455965  | 20.000 | ng    | 0.04     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 1084954  | 74.157 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.928  | 99   | 1374678  | 66.626 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.893  | 82   | 900469   | 49.747 | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 15.934 | 330  | 446499   | 84.107 | ng    | 0.02     |
| 45) 2-Fluorobiphenyl          | 12.993 | 172  | 2116447  | 61.678 | ng    | -0.01    |
| 79) Terphenyl-d14             | 20.022 | 244  | 1013902  | 15.765 | ng    | 0.08     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 26) 2-Nitrophenol             | 9.657  | 139  | 35       | 3.796  | ng    | # 1      |
| 31) Naphthalene               | 10.569 | 128  | 358465   | 7.077  | ng    | 100      |
| 32) Benzoic acid              | 9.816  | 122  | 630      | 6.902  | ng    | # 39     |
| 37) 2-Methylnaphthalene       | 12.169 | 142  | 126814   | 3.494  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.398 | 142  | 189770   | 5.274  | ng    | 100      |
| 49) Acenaphthylene            | 14.104 | 152  | 1305146  | 30.648 | ng    | # 88     |
| 51) 2,6-Dinitrotoluene        | 13.987 | 165  | 32820    | 4.258  | ng    | # 35     |
| 52) Acenaphthene              | 14.457 | 154  | 60634    | 2.257  | ng    | # 48     |
| 53) 3-Nitroaniline            | 14.281 | 138  | 24188    | 3.129  | ng    | # 64     |
| 54) 2,4-Dinitrophenol         | 14.492 | 184  | 2660     | 5.966  | ng    | # 1      |
| 56) 4-Nitrophenol             | 14.616 | 139  | 19589    | 3.276  | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 14.751 | 165  | 72778    | 7.185  | ng    | # 42     |
| 58) Fluorene                  | 15.469 | 166  | 366604   | 10.732 | ng    | # 47     |
| 59) 2,3,4,6-Tetrachlorophenol | 15.040 | 232  | 19199    | 2.273  | ng    | # 1      |
| 61) 4-Chlorophenyl-phenyle... | 15.498 | 204  | 40043    | 2.272  | ng    | # 1      |
| 62) 4-Nitroaniline            | 15.216 | 138  | 93741    | 11.771 | ng    | 82       |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 198  | 30839    | 37.437 | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 15.769 | 169  | 24391    | 4.519  | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 16.428 | 248  | 11061    | 5.507  | ng    | # 1      |
| 69) Atrazine                  | 16.757 | 200  | 125956   | 66.334 | ng    | # 1      |
| 70) Pentachlorophenol         | 16.851 | 266  | 13077    | 9.109  | ng    | # 1      |
| 71) Phenanthrene              | 17.310 | 178  | 218940   | 22.688 | ng    | # 1      |
| 72) Anthracene                | 17.310 | 178  | 218940   | 23.121 | ng    | # 1      |
| 74) Di-n-butylphthalate       | 18.251 | 149  | 26041    | 2.348  | ng    | # 28     |
| 75) Fluoranthene              | 19.451 | 202  | 243403   | 21.320 | ng    | # 5      |
| 77) Benzidine                 | 19.616 | 184  | 5675     | 6.101  | ng    | # 1      |
| 78) Pyrene                    | 19.827 | 202  | 420546   | 5.222  | ng    | # 57     |
| 80) Butylbenzylphthalate      | 20.710 | 149  | 38226    | 3.550  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.716 | 228  | 394476   | 5.596  | ng    | # 55     |
| 83) Chrysene                  | 21.780 | 228  | 334000   | 5.028  | ng    | # 82     |
| 84) Bis(2-ethylhexyl)phtha... | 21.616 | 149  | 170110   | 3.712  | ng    | # 79     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.845 | 276  | 327333   | 3.697  | ng    | # 90     |
| 88) Benzo(b)fluoranthene      | 24.021 | 252  | 507144   | 5.591  | ng    | # 79     |
| 89) Benzo(k)fluoranthene      | 24.021 | 252  | 507144   | 5.733  | ng    | # 79     |
| 90) Benzo(a)pyrene            | 24.915 | 252  | 551944   | 7.348  | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 30.021 | 276  | 371288   | 5.030  | ng    | 95       |

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Sample : P2878-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Time: Jun 14 16:00:08 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 30 03:41:03 2024  
Response via : Initial Calibration

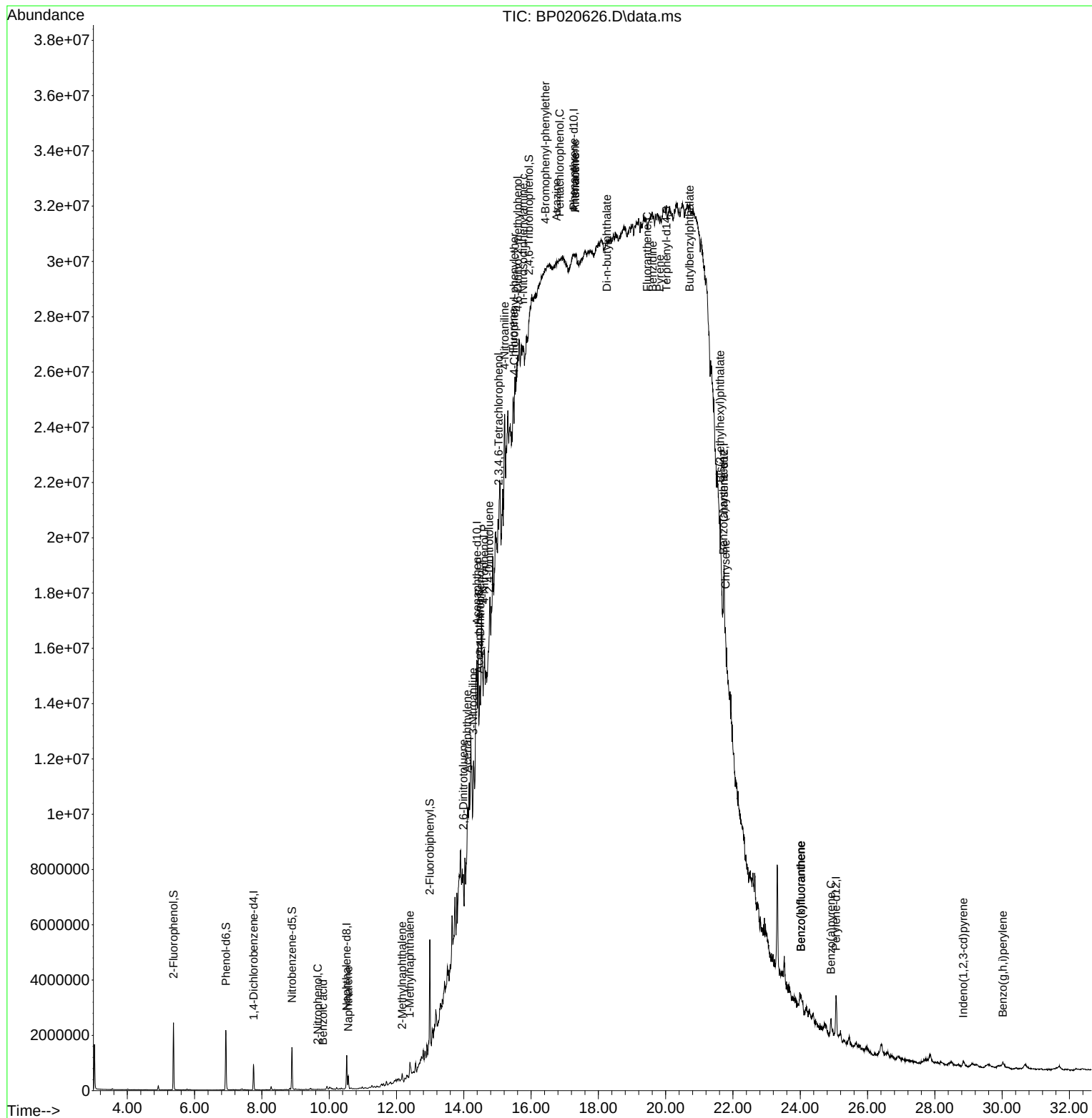
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
| -----    |      |      |          |      |       |          |
| -----    |      |      |          |      |       |          |

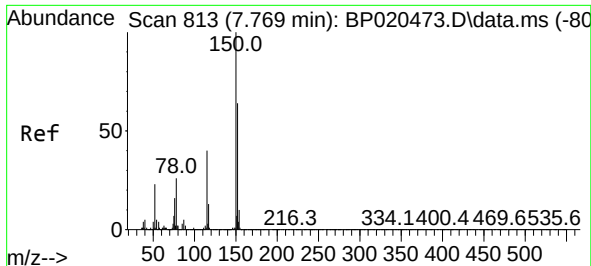
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061424\  
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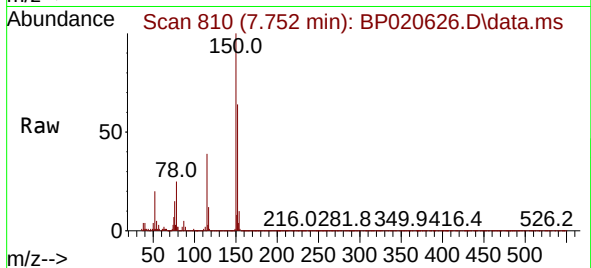
Quant Time: Jun 14 16:00:08 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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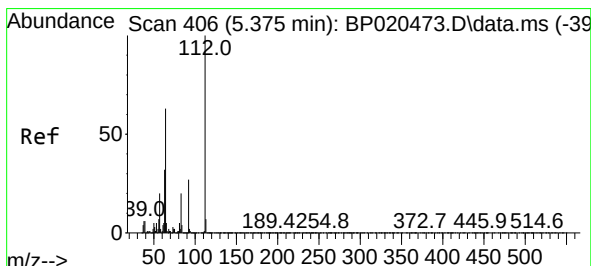
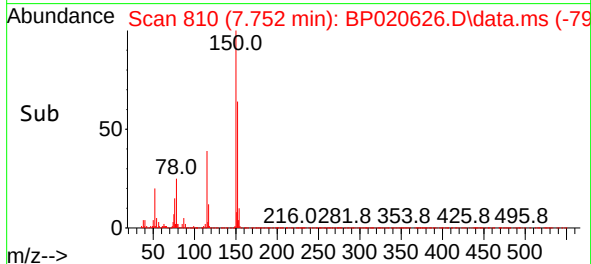
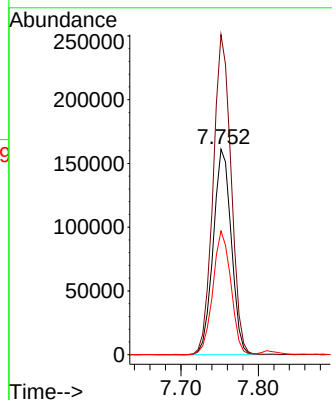


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.752 min Scan# 813  
Delta R.T. -0.017 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Instrument :  
BNA\_P  
ClientSampleId :  
348

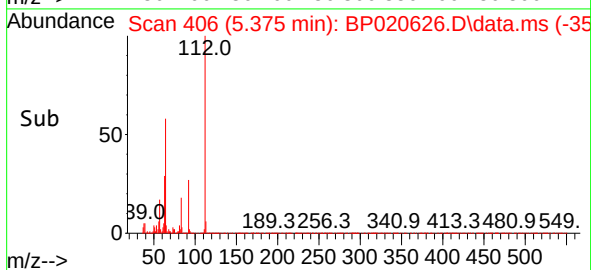
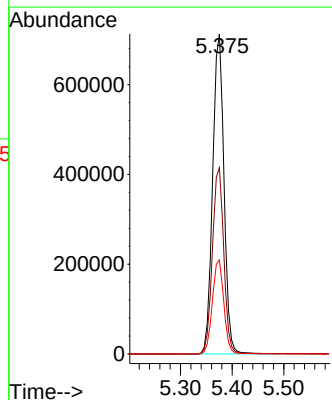
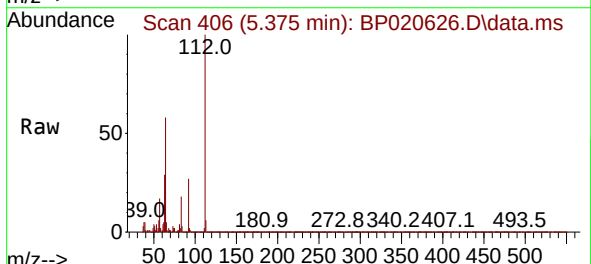


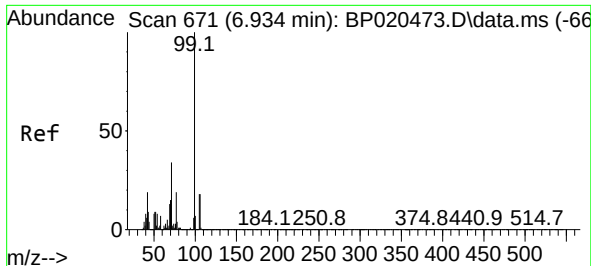
Tgt Ion:152 Resp: 261953  
Ion Ratio Lower Upper  
152 100  
150 155.7 124.2 186.2  
115 60.2 49.5 74.3



#5  
2-Fluorophenol  
Concen: 74.157 ng  
RT: 5.375 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:112 Resp: 1084954  
Ion Ratio Lower Upper  
112 100  
64 58.2 50.1 75.1  
63 29.4 25.7 38.5

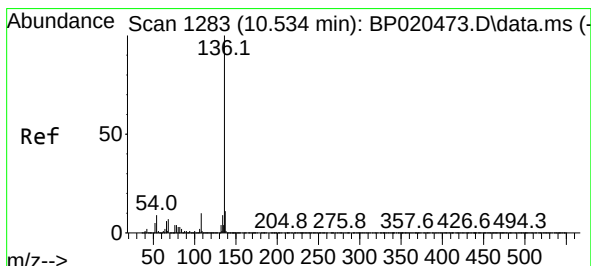
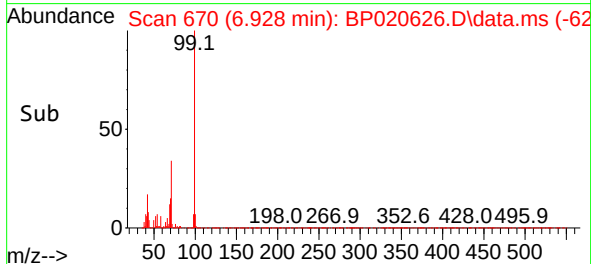
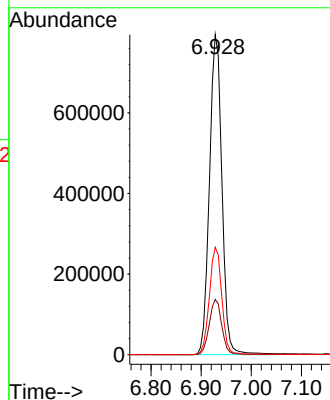
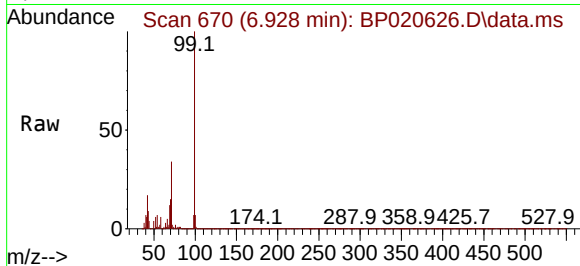




#7  
Phenol-d6  
Concen: 66.626 ng  
RT: 6.928 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

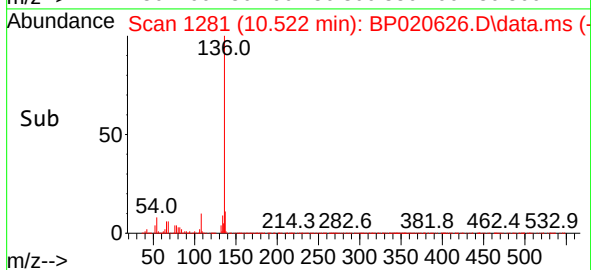
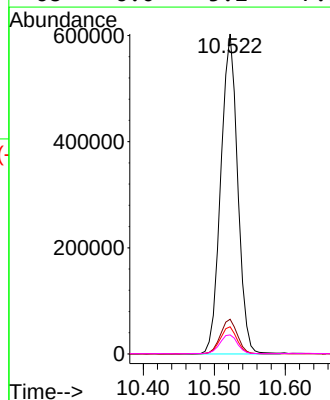
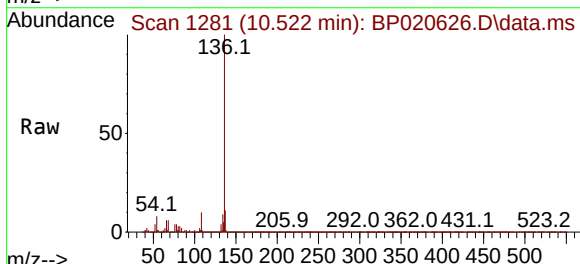
Instrument :  
BNA\_P  
ClientSampleId :  
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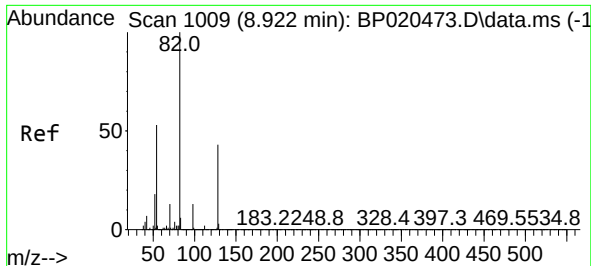
Tgt Ion: 99 Resp: 1374678  
Ion Ratio Lower Upper  
99 100  
42 17.2 15.0 22.4  
71 33.5 27.3 40.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.522 min Scan# 1281  
Delta R.T. -0.012 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion: 136 Resp: 990856  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.4  
54 8.5 7.4 11.0  
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 49.747 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.029 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

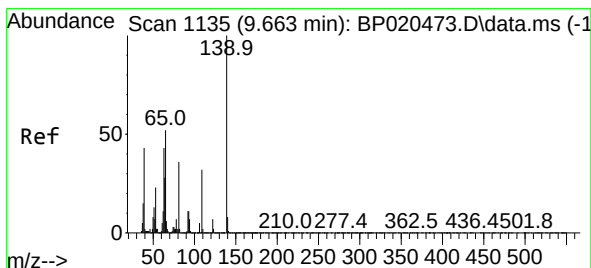
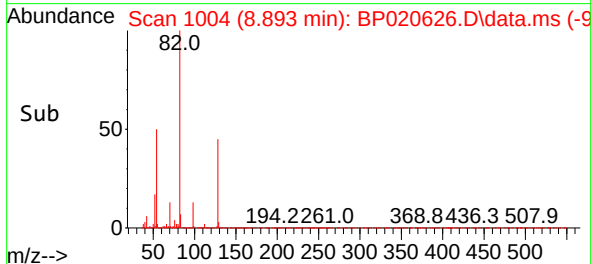
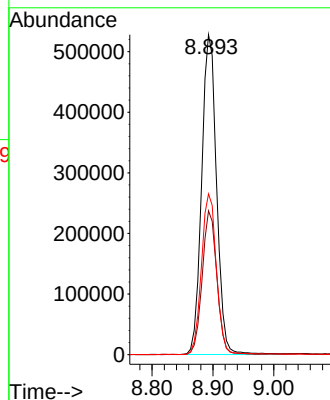
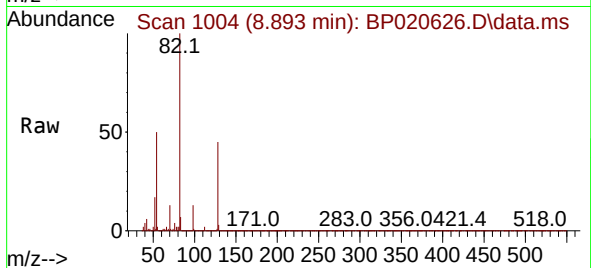
Tgt Ion: 82 Resp: 900469

Ion Ratio Lower Upper

82 100

128 45.0 34.2 51.4

54 50.3 42.7 64.1



#26

2-Nitrophenol

Concen: 3.796 ng

RT: 9.657 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

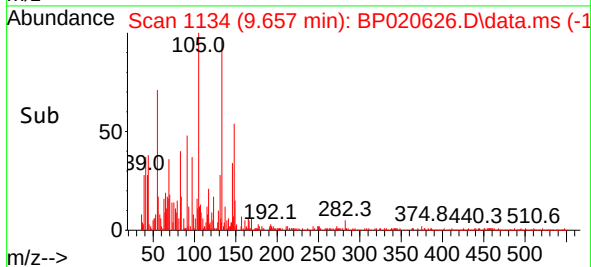
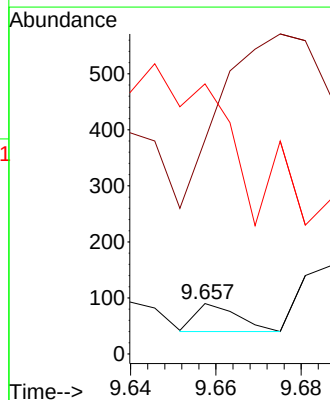
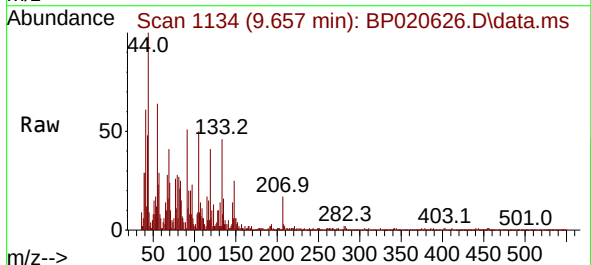
Tgt Ion:139 Resp: 35

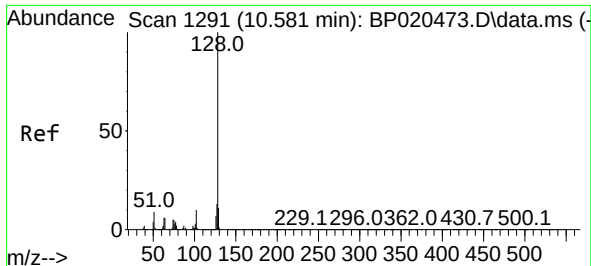
Ion Ratio Lower Upper

139 100

109 367.3 25.8 38.8#

65 463.5 41.8 62.8#

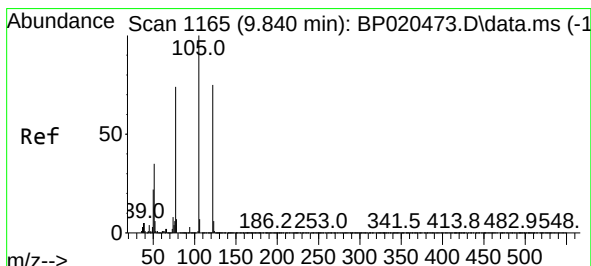
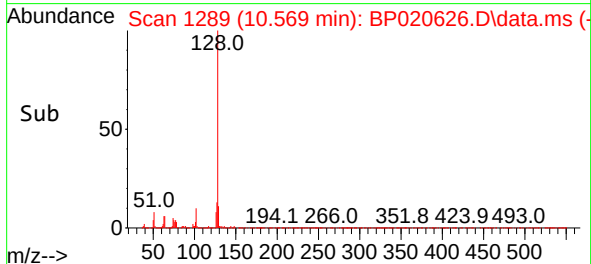
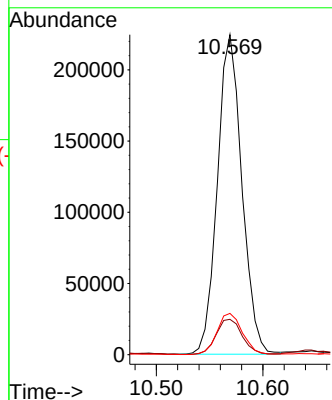
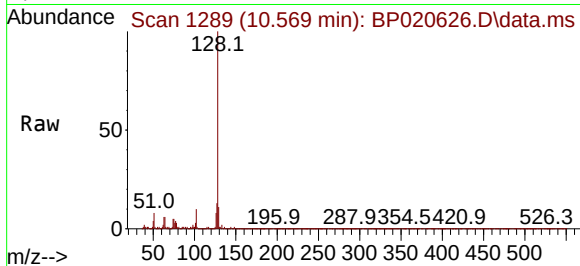




#31  
Naphthalene  
Concen: 7.077 ng  
RT: 10.569 min Scan# 1129  
Delta R.T. -0.012 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

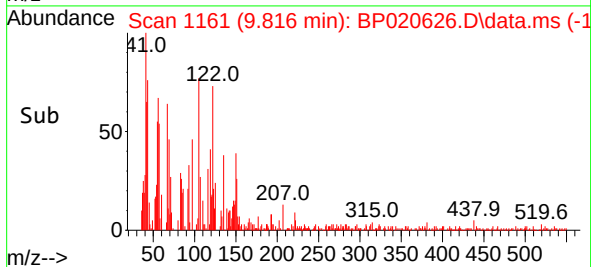
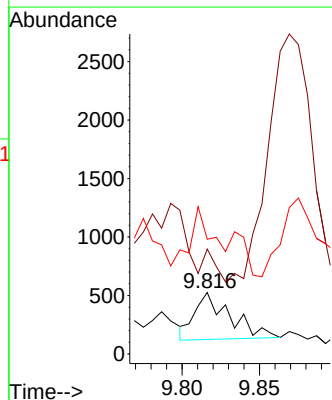
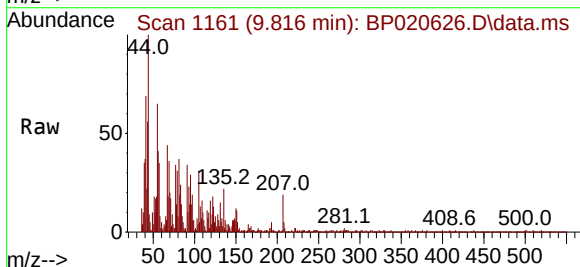
Instrument :  
BNA\_P  
ClientSampleId :  
348

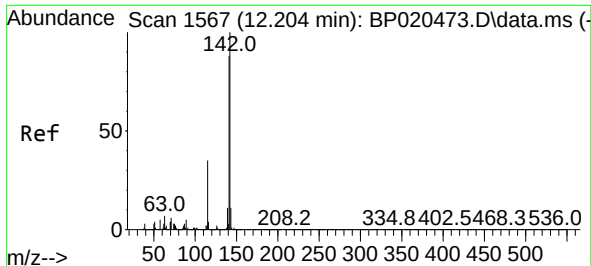
Tgt Ion:128 Resp: 358465  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 12.9 10.5 15.7



#32  
Benzoic acid  
Concen: 6.902 ng  
RT: 9.816 min Scan# 1161  
Delta R.T. -0.024 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:122 Resp: 630  
Ion Ratio Lower Upper  
122 100  
105 171.0 107.5 147.5#  
77 186.9 76.1 116.1#

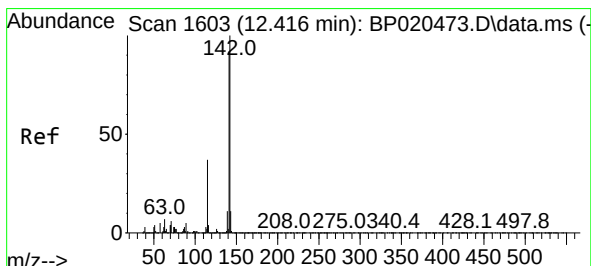
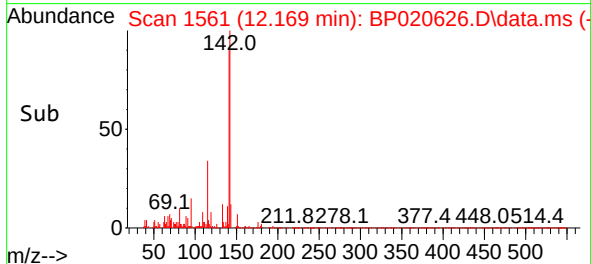
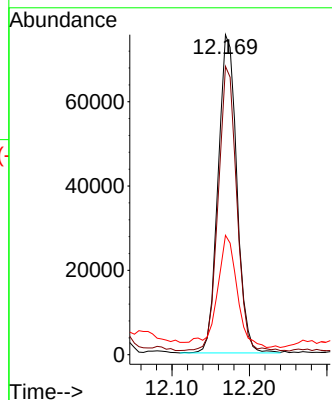
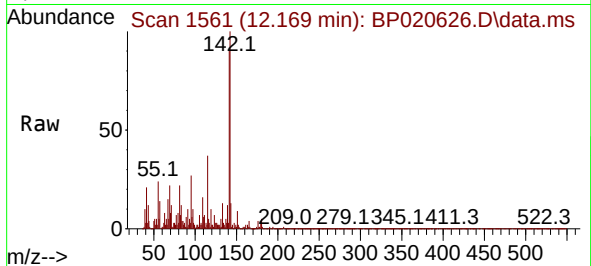




#37  
2-Methylnaphthalene  
Concen: 3.494 ng  
RT: 12.169 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

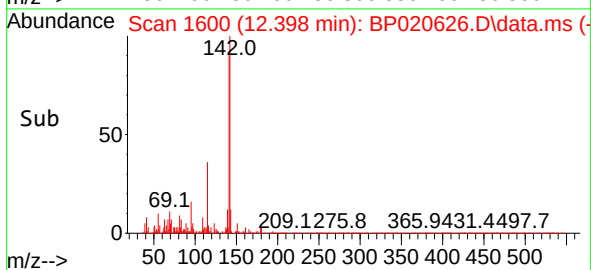
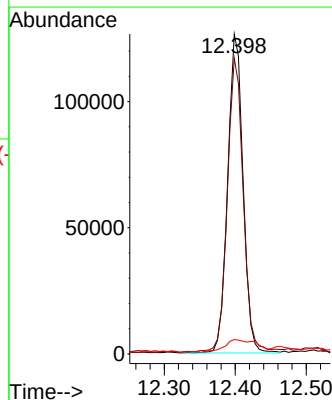
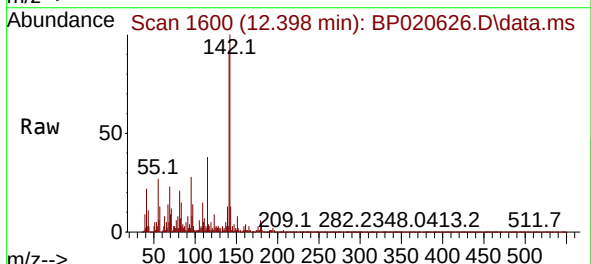
Instrument :  
BNA\_P  
ClientSampleId :  
348

Tgt Ion:142 Resp: 126814  
Ion Ratio Lower Upper  
142 100  
141 90.1 70.3 105.5  
115 37.3 28.0 42.0

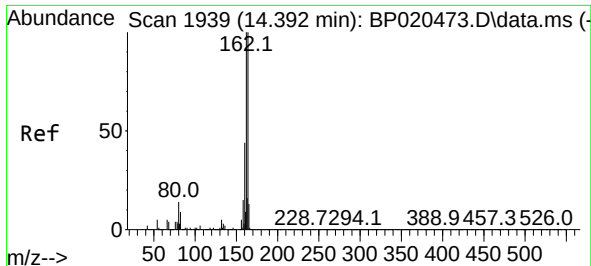


#38  
1-Methylnaphthalene  
Concen: 5.274 ng  
RT: 12.398 min Scan# 1600  
Delta R.T. -0.018 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:142 Resp: 189770  
Ion Ratio Lower Upper  
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141 92.4 73.7 110.5  
116 4.5 3.2 4.8



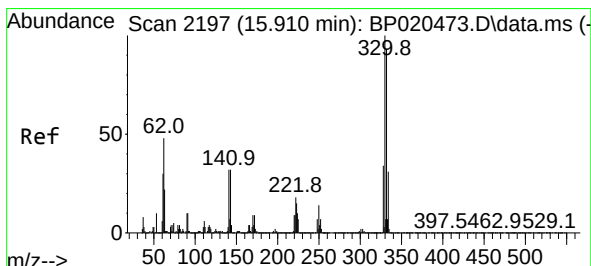
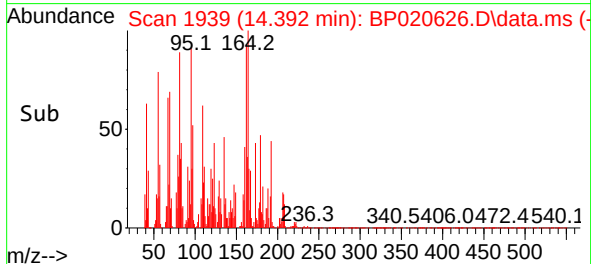
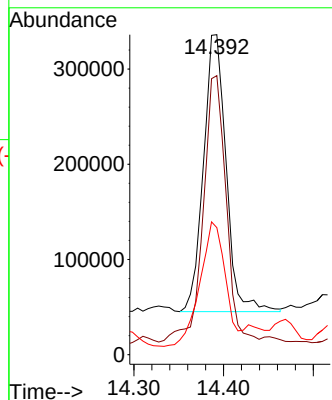
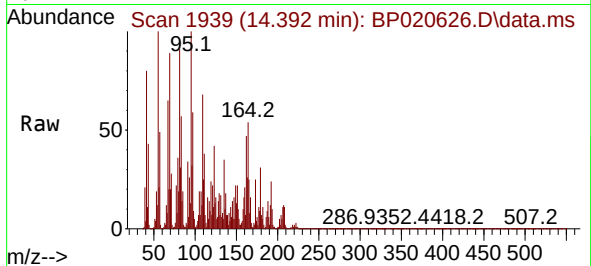




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.392 min Scan# 1939  
Delta R.T. 0.000 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

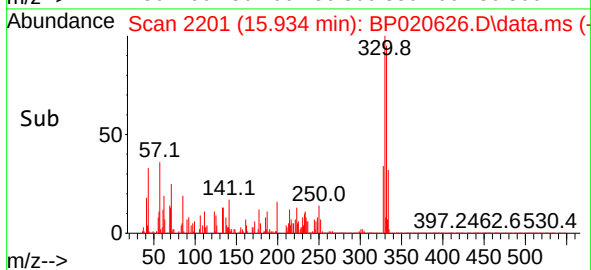
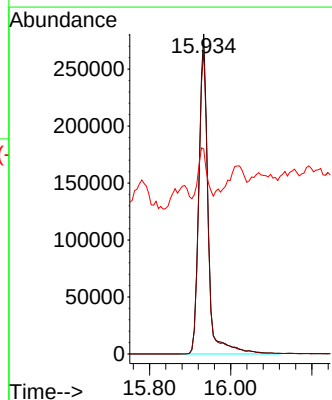
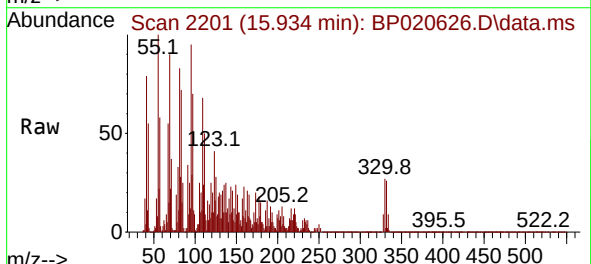
Instrument :  
BNA\_P  
ClientSampleId :  
348

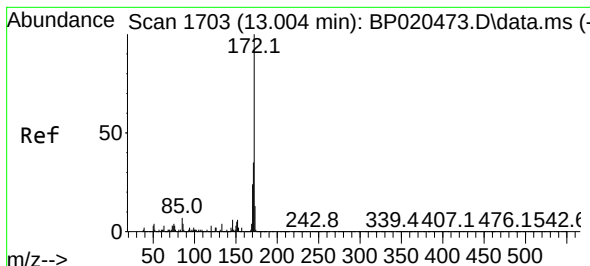
Tgt Ion:164 Resp: 511534  
Ion Ratio Lower Upper  
164 100  
162 87.2 80.3 120.5  
160 39.7 35.4 53.2



#42  
2,4,6-Tribromophenol  
Concen: 84.107 ng  
RT: 15.934 min Scan# 2201  
Delta R.T. 0.024 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:330 Resp: 446499  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.6 114.8  
141 14.4 27.1 40.7#

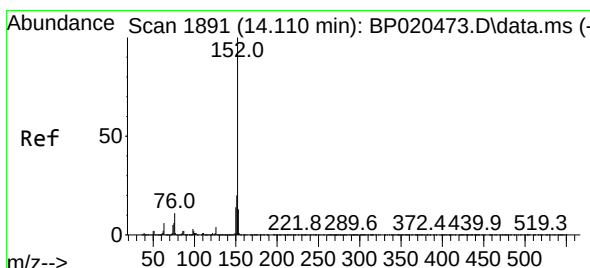
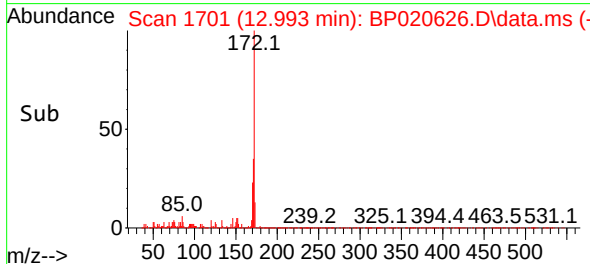
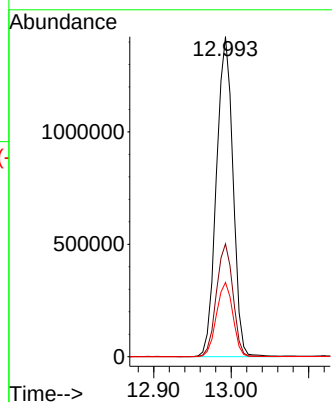
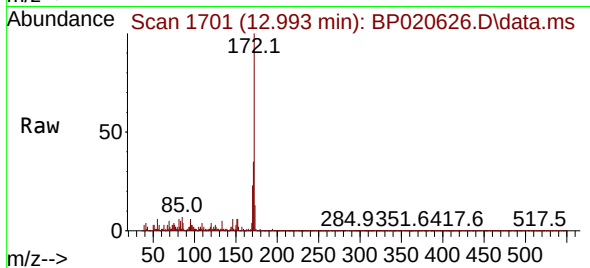




#45  
2-Fluorobiphenyl  
Concen: 61.678 ng  
RT: 12.993 min Scan# 1701  
Delta R.T. -0.012 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

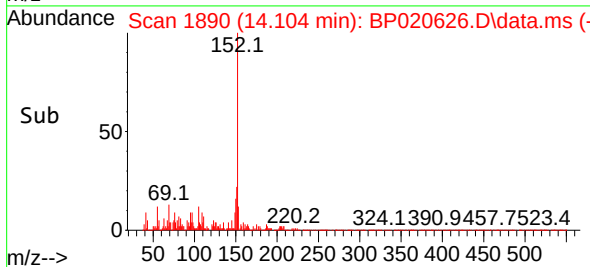
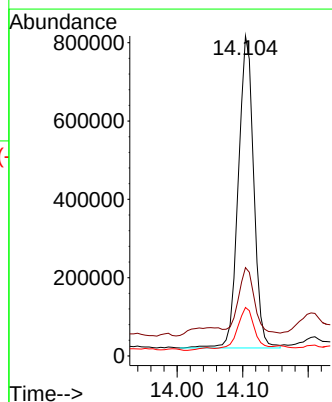
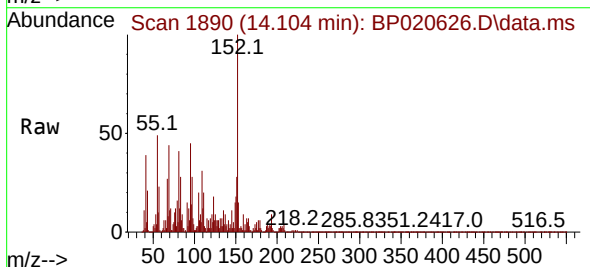
Instrument :  
BNA\_P  
ClientSampleId :  
348

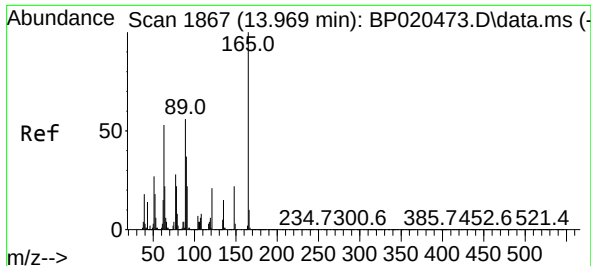
Tgt Ion:172 Resp: 2116447  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.4 42.6  
170 23.2 18.9 28.3



#49  
Acenaphthylene  
Concen: 30.648 ng  
RT: 14.104 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:152 Resp: 1305146  
Ion Ratio Lower Upper  
152 100  
151 27.6 15.9 23.9#  
153 15.2 10.6 15.8

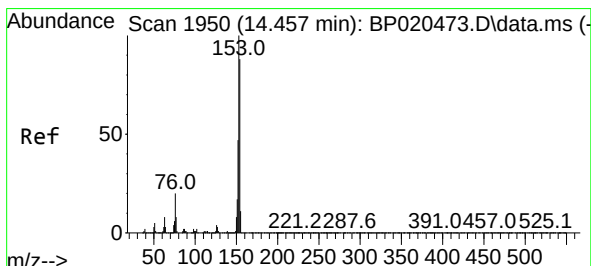
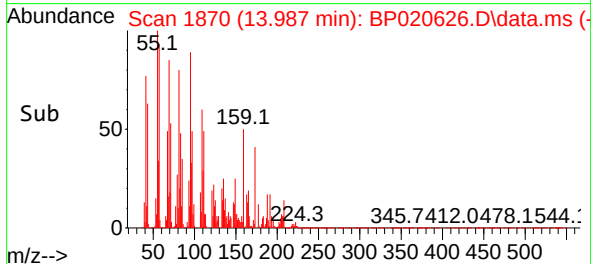
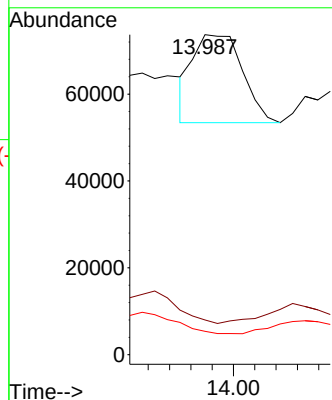
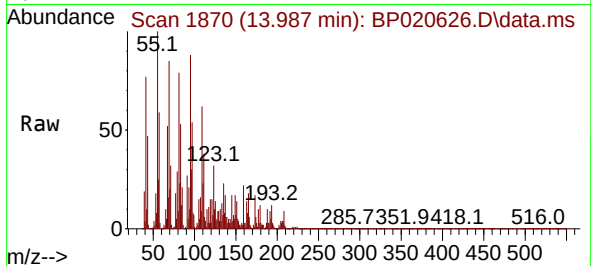




#51  
2,6-Dinitrotoluene  
Concen: 4.258 ng  
RT: 13.987 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

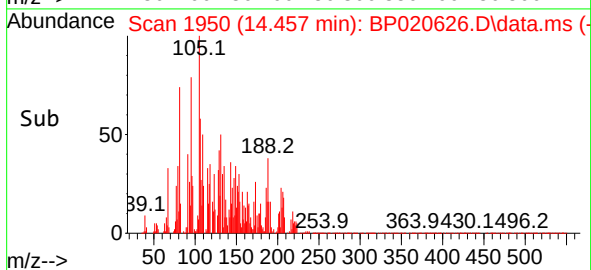
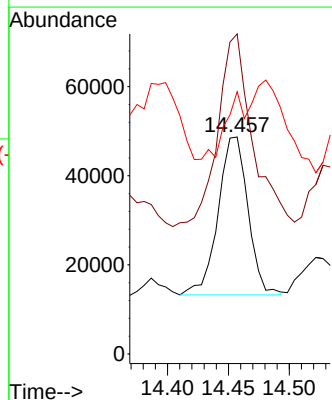
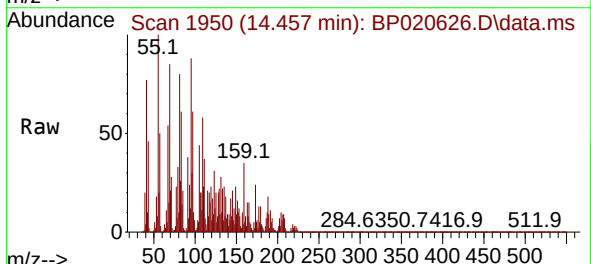
Instrument :  
BNA\_P  
ClientSampleId :  
348

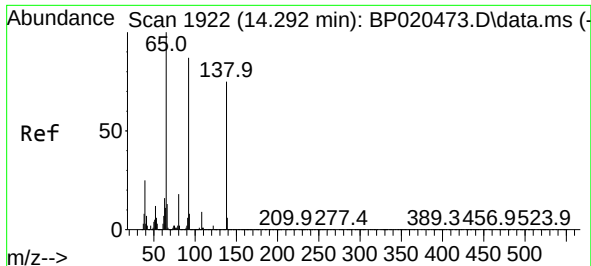
Tgt Ion:165 Resp: 32820  
Ion Ratio Lower Upper  
165 100  
63 10.9 45.6 68.4#  
89 7.3 44.9 67.3#



#52  
Acenaphthene  
Concen: 2.257 ng  
RT: 14.457 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:154 Resp: 60634  
Ion Ratio Lower Upper  
154 100  
153 147.5 90.6 136.0#  
152 120.9 42.6 63.8#

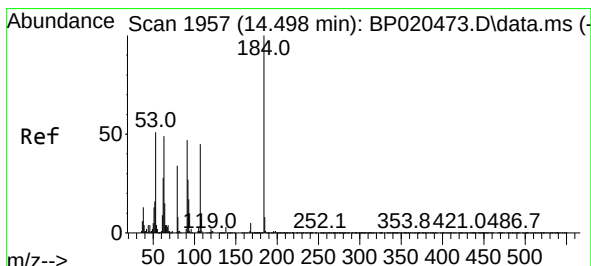
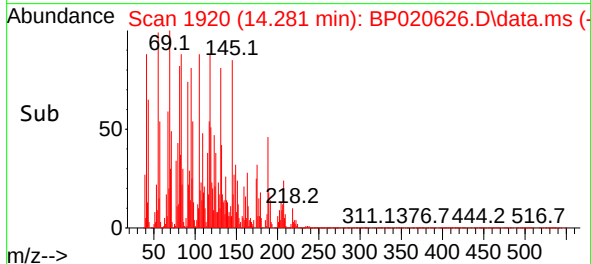
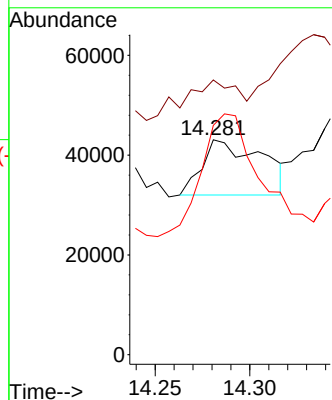
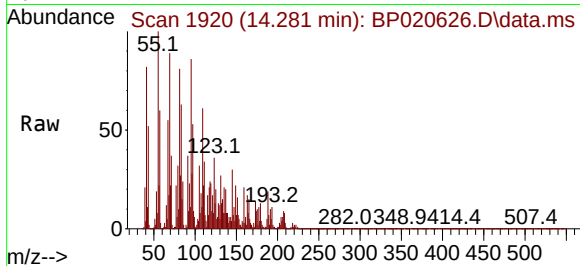




#53  
3-Nitroaniline  
Concen: 3.129 ng  
RT: 14.281 min Scan# 1922  
Delta R.T. -0.012 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

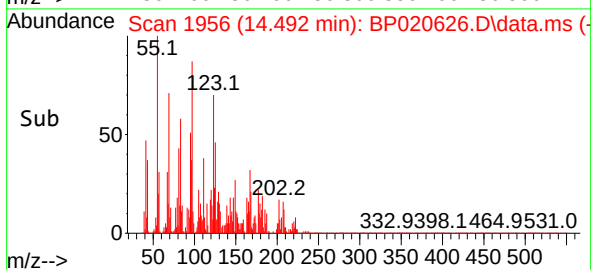
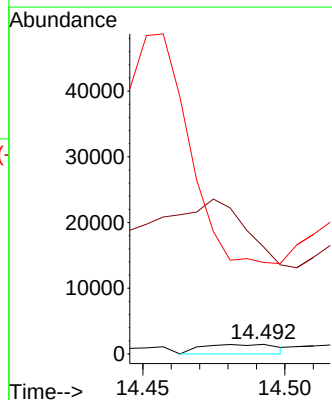
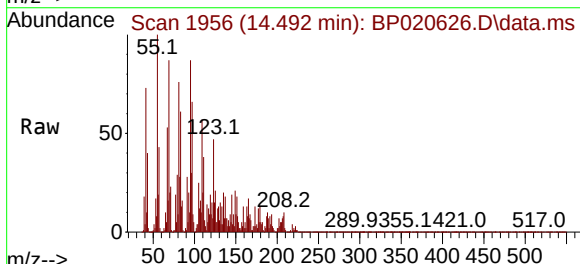
Instrument :  
BNA\_P  
ClientSampleId :  
348

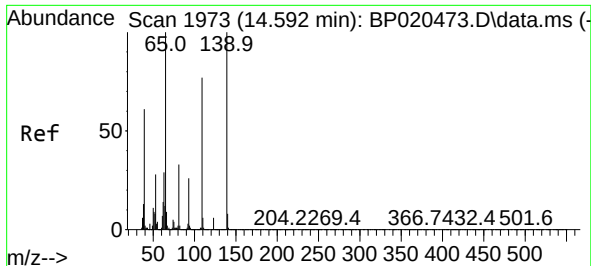
Tgt Ion:138 Resp: 24188  
Ion Ratio Lower Upper  
138 100  
108 127.8 9.8 14.6#  
92 106.7 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 5.966 ng  
RT: 14.492 min Scan# 1956  
Delta R.T. -0.006 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:184 Resp: 2660  
Ion Ratio Lower Upper  
184 100  
63 1113.3 54.2 81.4#  
154 949.6 51.0 76.6#

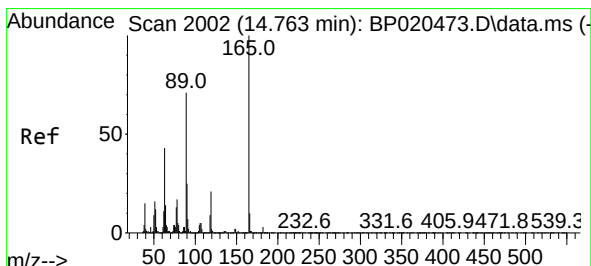
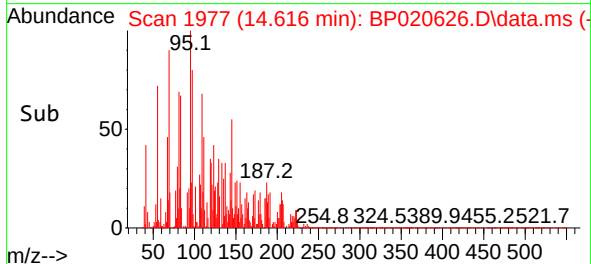
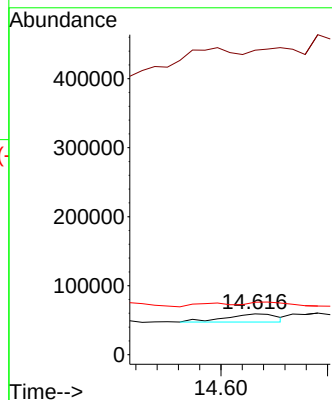
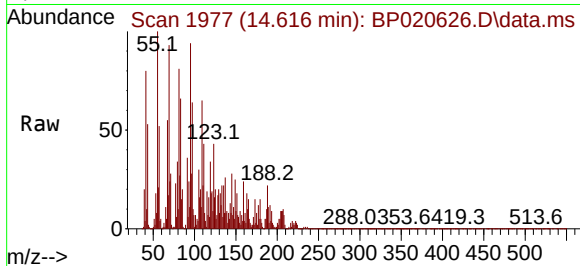




#56  
4-Nitrophenol  
Concen: 3.276 ng  
RT: 14.616 min Scan# 1973  
Delta R.T. 0.024 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

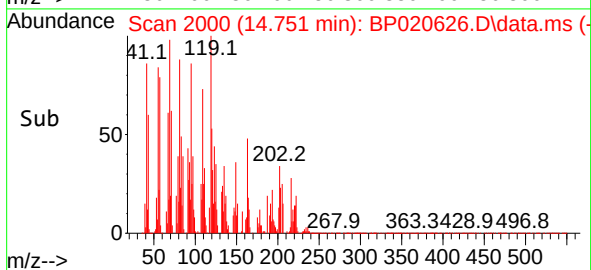
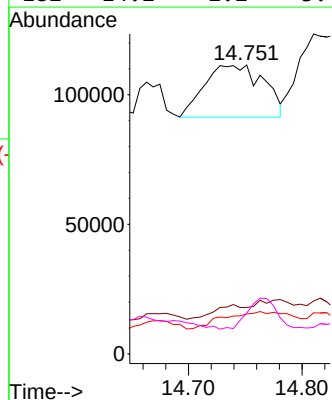
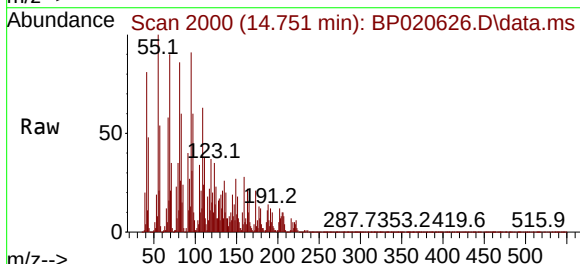
Instrument :  
BNA\_P  
ClientSampleId :  
348

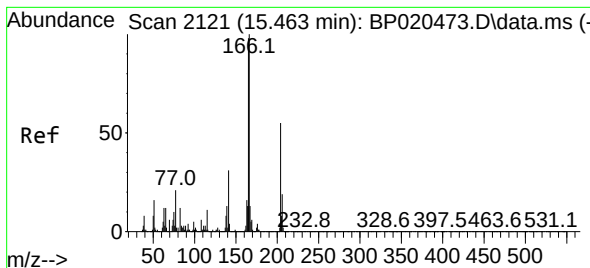
Tgt Ion:139 Resp: 19589  
Ion Ratio Lower Upper  
139 100  
109 744.5 57.4 97.4#  
65 128.3 80.4 120.4#



#57  
2,4-Dinitrotoluene  
Concen: 7.185 ng  
RT: 14.751 min Scan# 2000  
Delta R.T. -0.012 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:165 Resp: 72778  
Ion Ratio Lower Upper  
165 100  
63 16.1 34.9 52.3#  
89 13.8 56.6 85.0#  
182 14.2 2.2 3.4#





#58

Fluorene

Concen: 10.732 ng

RT: 15.469 min Scan# 2121

Delta R.T. 0.006 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

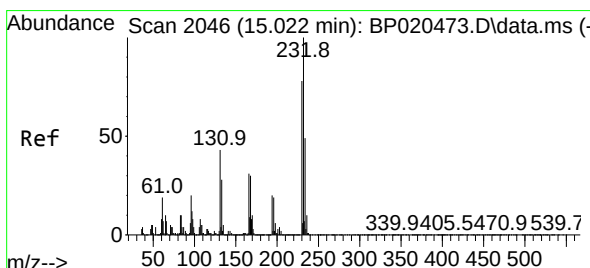
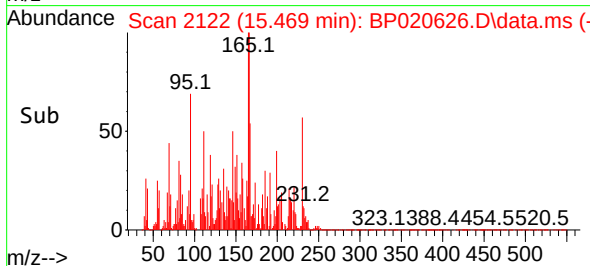
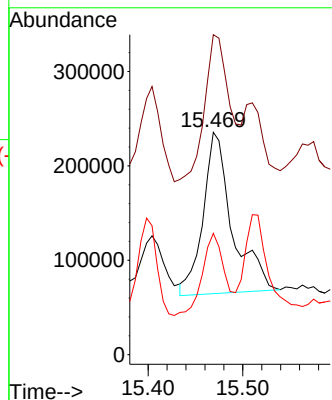
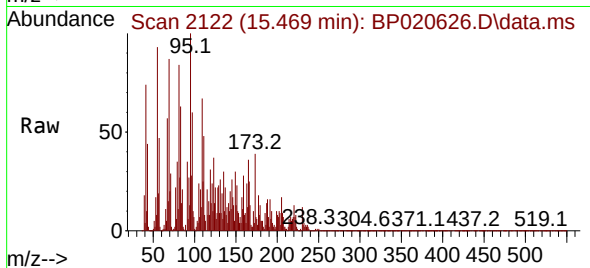
Tgt Ion:166 Resp: 366604

Ion Ratio Lower Upper

166 100

165 143.9 78.2 117.4#

167 54.6 10.7 16.1#



#59

2,3,4,6-Tetrachlorophenol

Concen: 2.273 ng

RT: 15.040 min Scan# 2049

Delta R.T. 0.018 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Tgt Ion:232 Resp: 19199

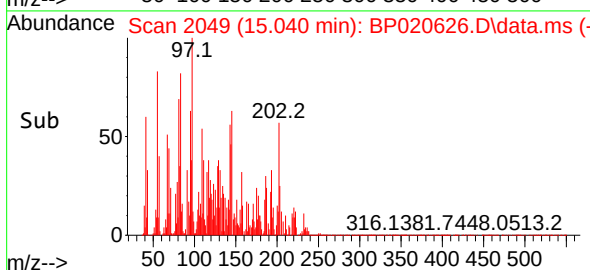
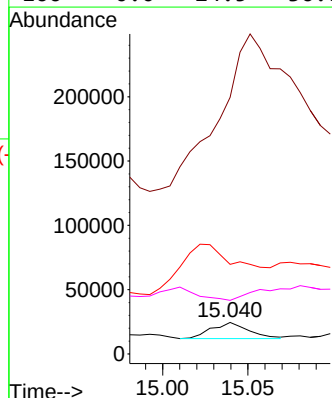
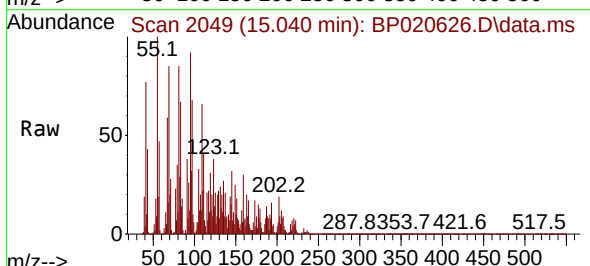
Ion Ratio Lower Upper

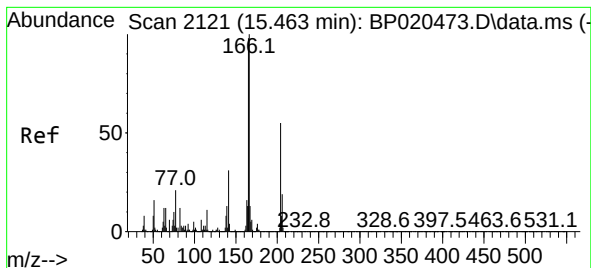
232 100

131 2067.0 34.8 52.2#

130 0.0 1.9 2.9#

166 0.0 24.5 36.7#

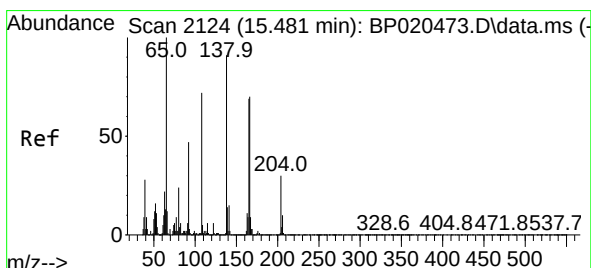
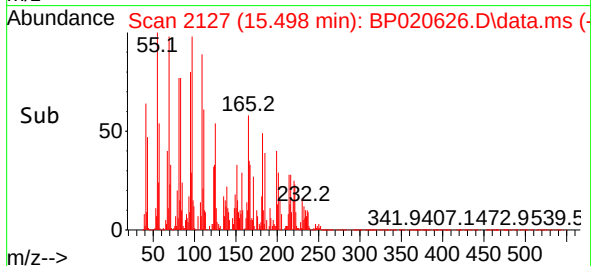
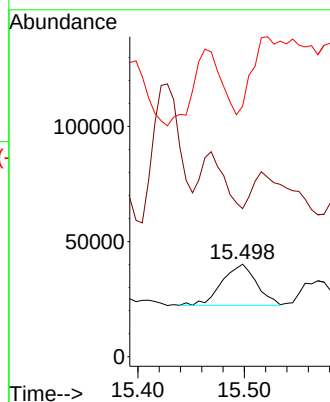
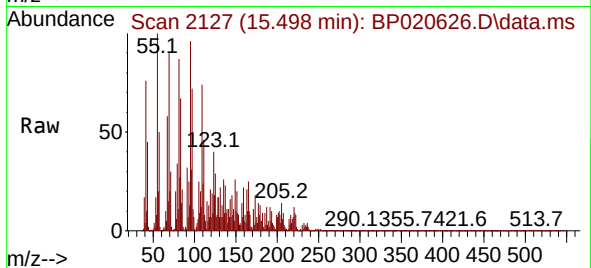




#61  
4-Chlorophenyl-phenylether  
Concen: 2.272 ng  
RT: 15.498 min Scan# 2121  
Delta R.T. 0.035 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

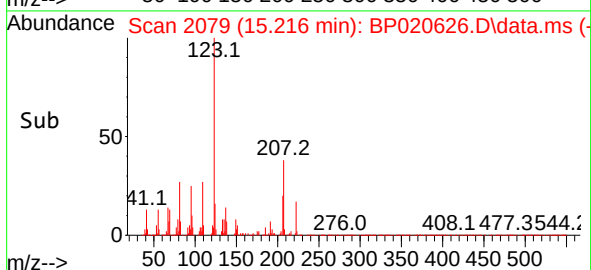
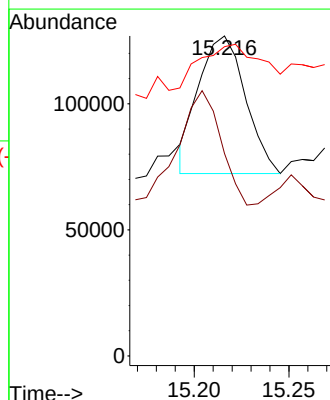
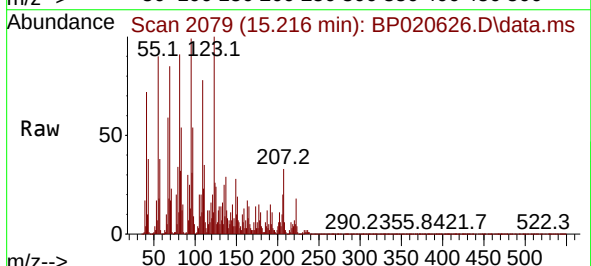
Instrument :  
BNA\_P  
ClientSampleId :  
348

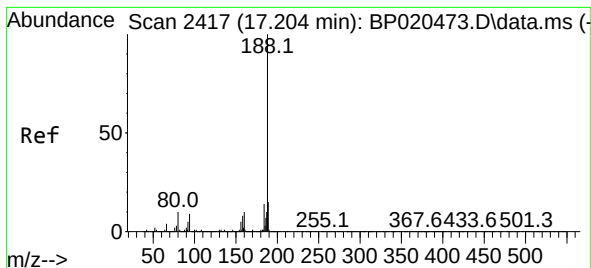
Tgt Ion:204 Resp: 40043  
Ion Ratio Lower Upper  
204 100  
206 160.2 27.0 40.4#  
141 270.9 45.0 67.6#



#62  
4-Nitroaniline  
Concen: 11.771 ng  
RT: 15.216 min Scan# 2079  
Delta R.T. -0.265 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:138 Resp: 93741  
Ion Ratio Lower Upper  
138 100  
92 63.3 31.7 71.7  
108 96.6 59.9 99.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.269 min Scan# 2417

Delta R.T. 0.065 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

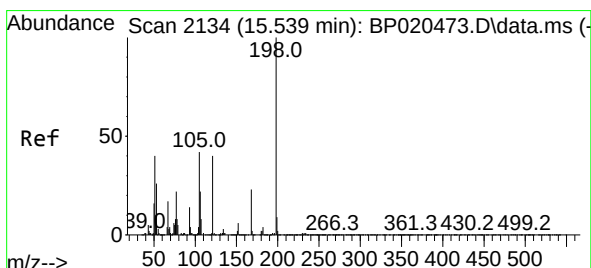
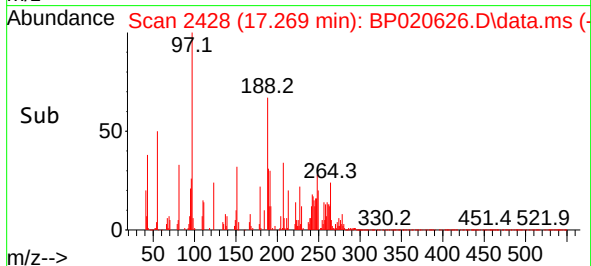
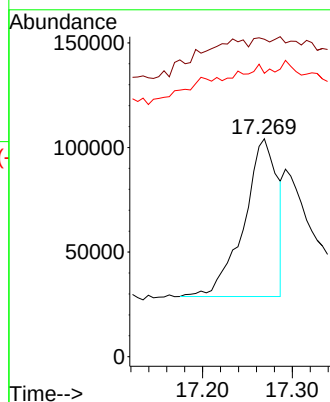
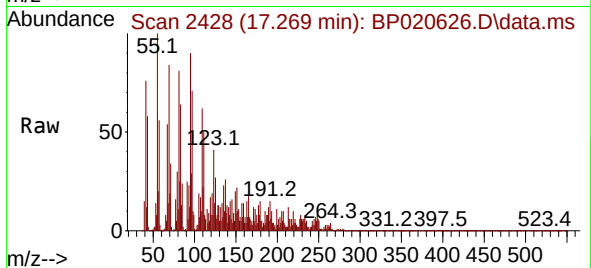
Tgt Ion:188 Resp: 196312

Ion Ratio Lower Upper

188 100

94 145.7 7.2 10.8#

80 130.0 8.1 12.1#



#65

4,6-Dinitro-2-methylphenol

Concen: 37.437 ng

RT: 15.604 min Scan# 2145

Delta R.T. 0.065 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

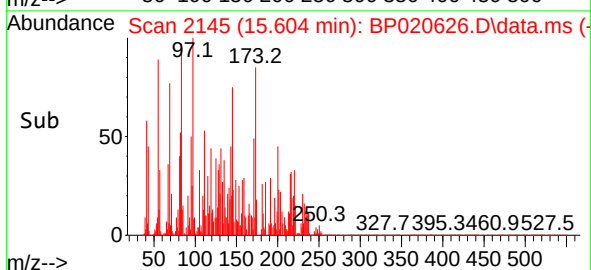
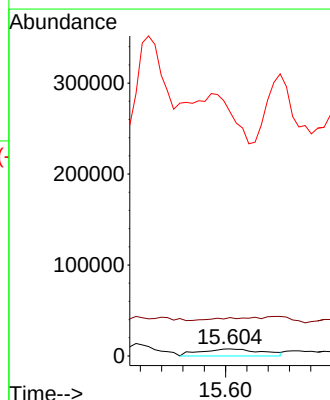
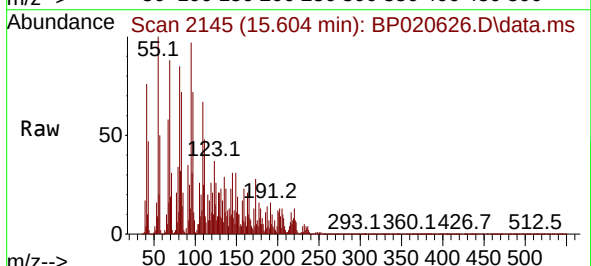
Tgt Ion:198 Resp: 30839

Ion Ratio Lower Upper

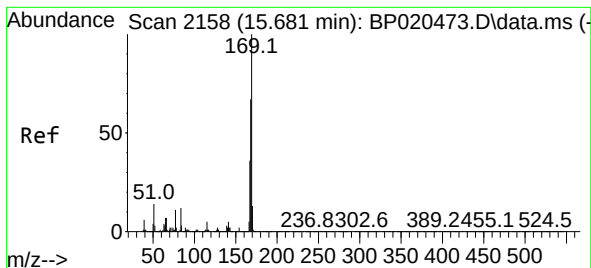
198 100

51 547.7 24.8 64.8#

105 3478.8 23.2 63.2#







#66

n-Nitrosodiphenylamine

Concen: 4.519 ng

RT: 15.769 min Scan# 2158

Delta R.T. 0.088 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

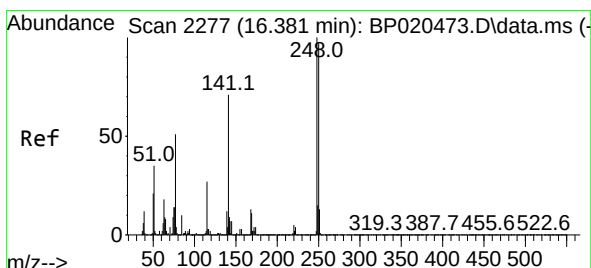
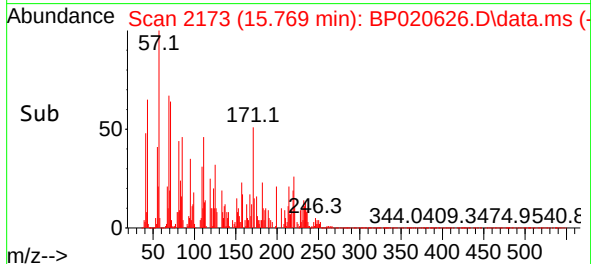
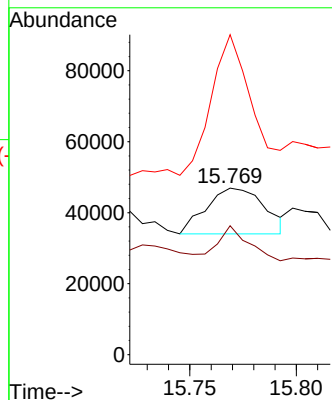
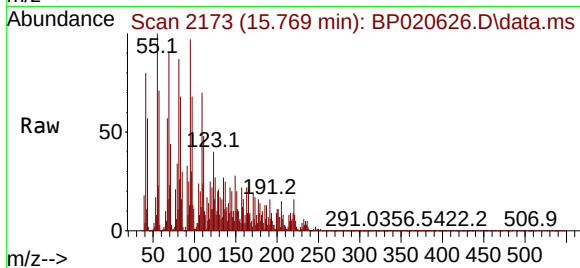
Tgt Ion:169 Resp: 24391

Ion Ratio Lower Upper

169 100

168 77.4 53.4 80.0

167 192.1 28.7 43.1#



#67

4-Bromophenyl-phenylether

Concen: 5.507 ng

RT: 16.428 min Scan# 2285

Delta R.T. 0.047 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

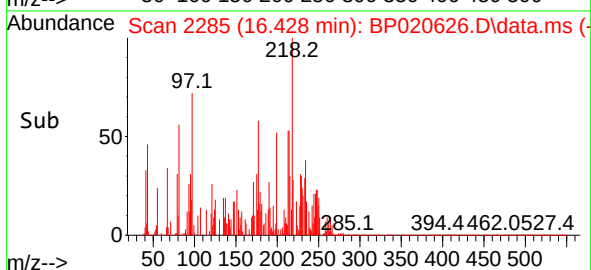
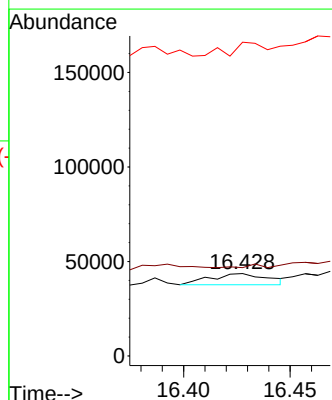
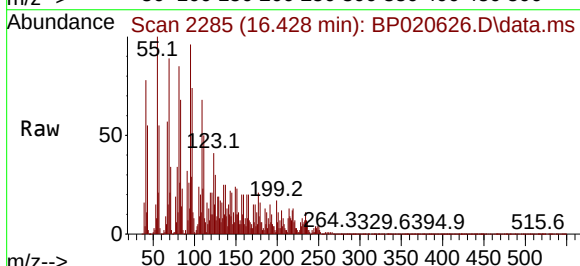
Tgt Ion:248 Resp: 11061

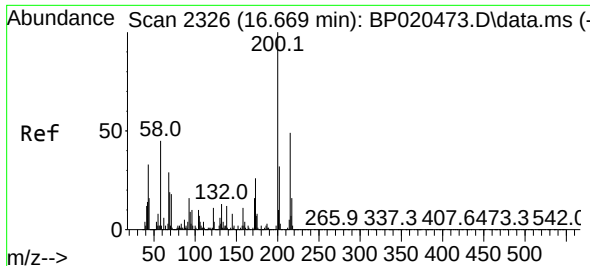
Ion Ratio Lower Upper

248 100

250 107.2 77.4 116.0

141 380.4 56.5 84.7#

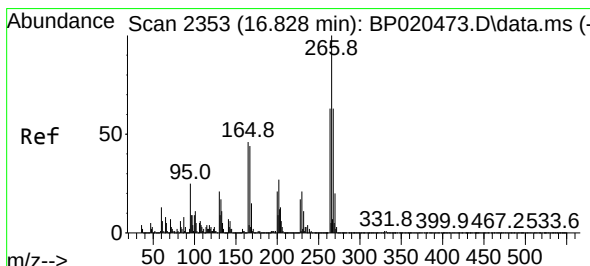
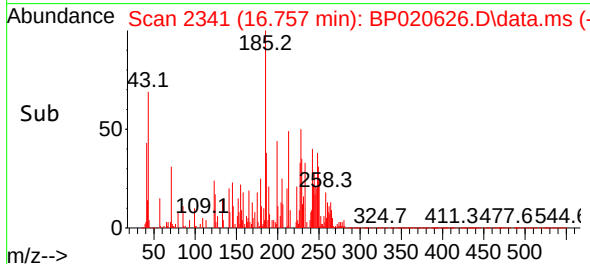
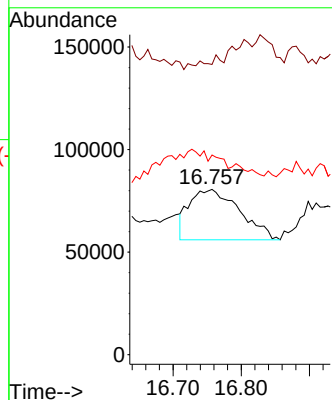
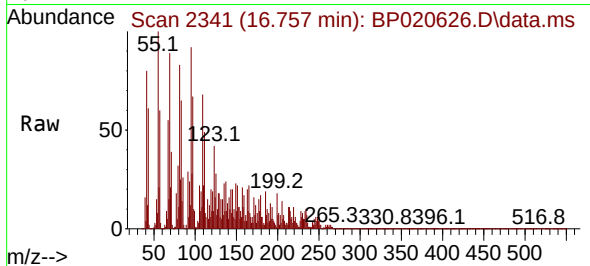




#69  
Atrazine  
Concen: 66.334 ng  
RT: 16.757 min Scan# 21  
Delta R.T. 0.088 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

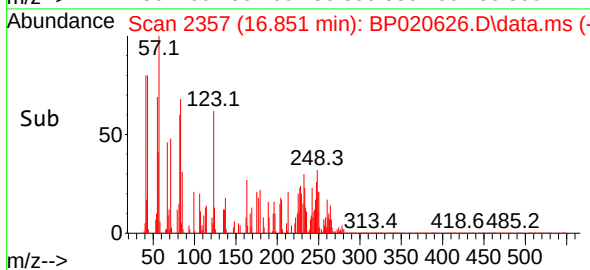
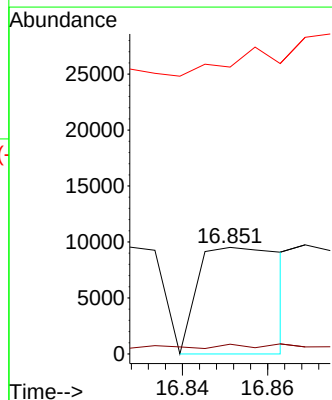
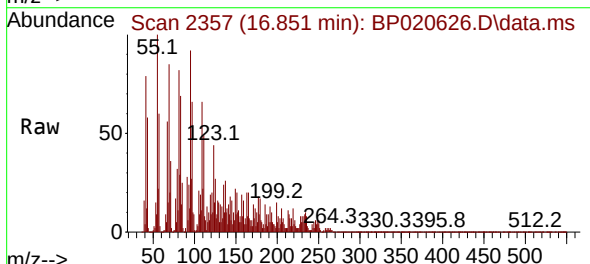
Instrument :  
BNA\_P  
ClientSampleId :  
348

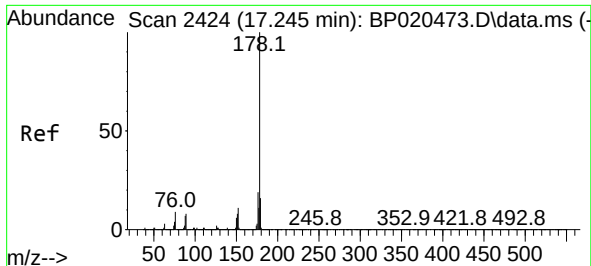
Tgt Ion:200 Resp: 125956  
Ion Ratio Lower Upper  
200 100  
173 175.5 6.1 46.1#  
215 120.8 28.7 68.7#



#70  
Pentachlorophenol  
Concen: 9.109 ng  
RT: 16.851 min Scan# 2357  
Delta R.T. 0.023 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:266 Resp: 13077  
Ion Ratio Lower Upper  
266 100  
268 9.1 50.1 75.1#  
264 269.3 50.6 76.0#

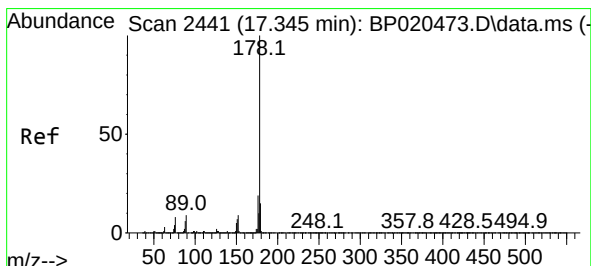
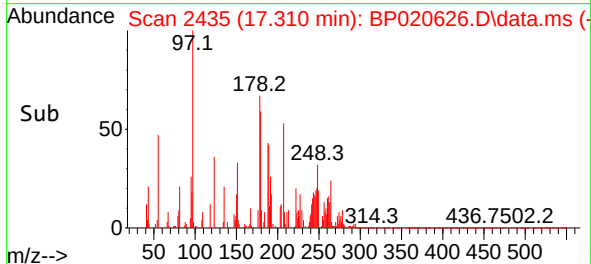
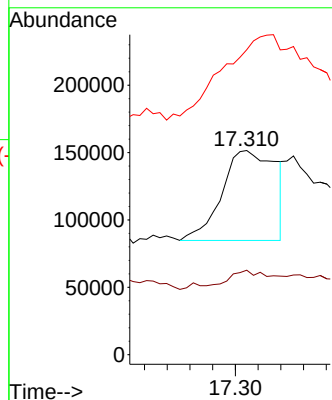
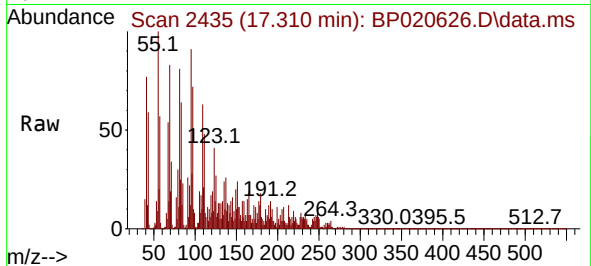




#71  
Phenanthrene  
Concen: 22.688 ng  
RT: 17.310 min Scan# 2424  
Delta R.T. 0.065 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

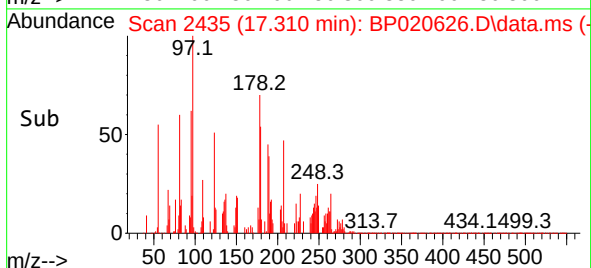
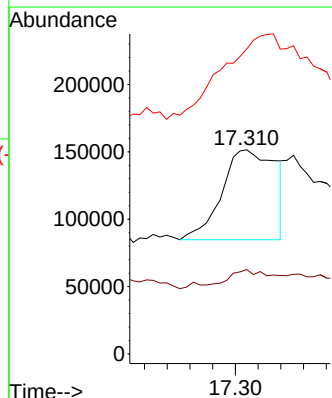
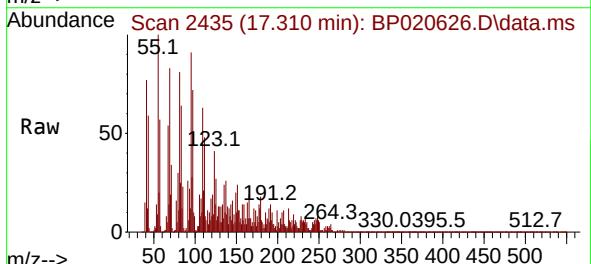
Instrument :  
BNA\_P  
ClientSampleId :  
348

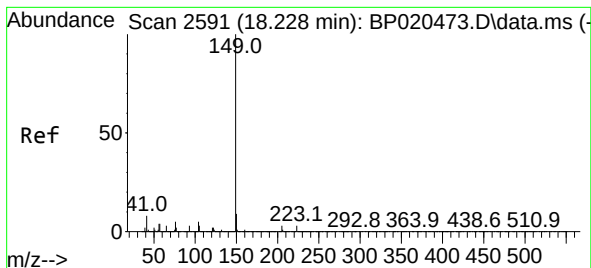
Tgt Ion:178 Resp: 218940  
Ion Ratio Lower Upper  
178 100  
176 41.4 15.4 23.2#  
179 149.3 12.5 18.7#



#72  
Anthracene  
Concen: 23.121 ng  
RT: 17.310 min Scan# 2435  
Delta R.T. -0.035 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:178 Resp: 218940  
Ion Ratio Lower Upper  
178 100  
176 41.4 14.8 22.2#  
179 149.3 12.2 18.4#





#74

Di-n-butylphthalate

Concen: 2.348 ng

RT: 18.251 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

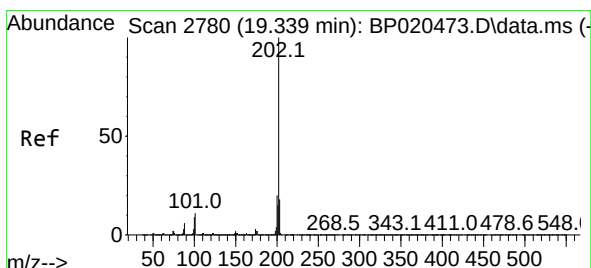
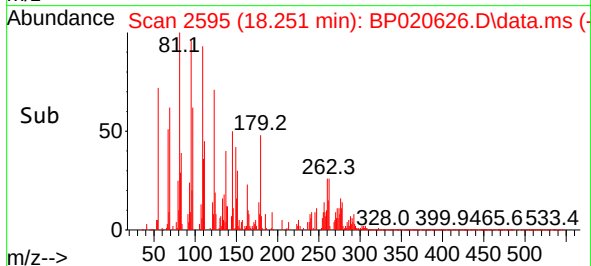
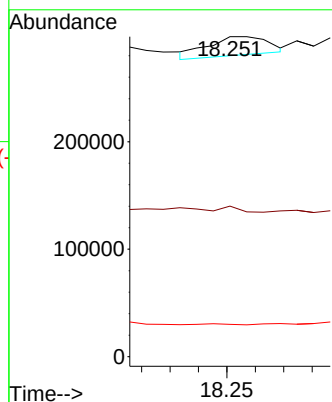
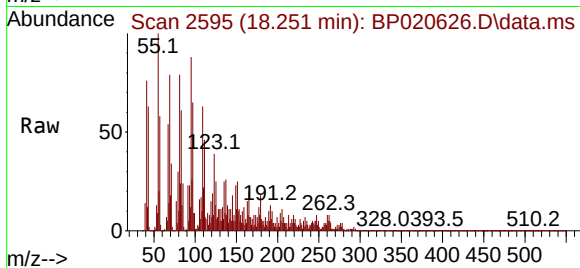
Tgt Ion:149 Resp: 26041

Ion Ratio Lower Upper

149 100

150 47.1 7.4 11.2#

104 10.1 4.2 6.2#



#75

Fluoranthene

Concen: 21.320 ng

RT: 19.451 min Scan# 2799

Delta R.T. 0.112 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

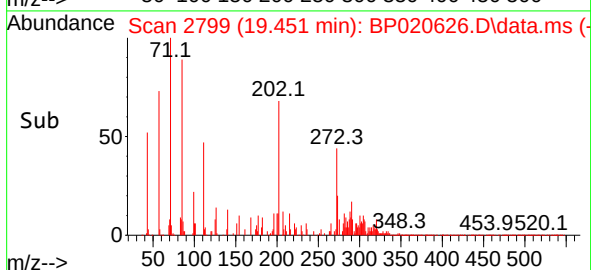
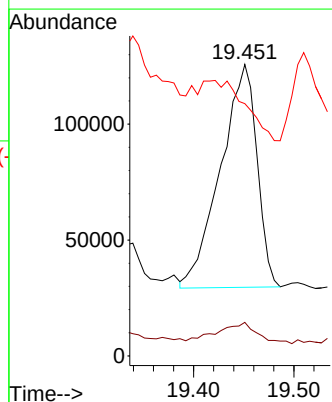
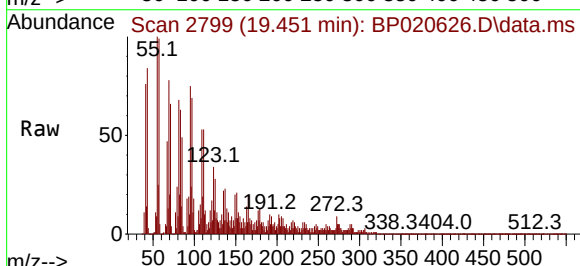
Tgt Ion:202 Resp: 243403

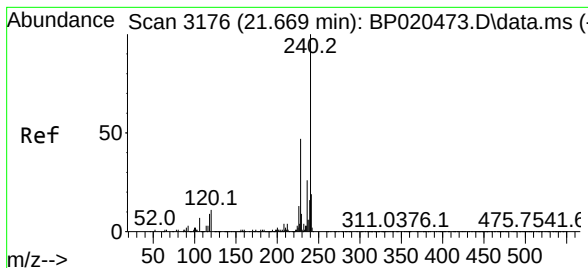
Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.4

203 86.6 0.0 37.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.733 min Scan# 3176

Delta R.T. 0.065 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

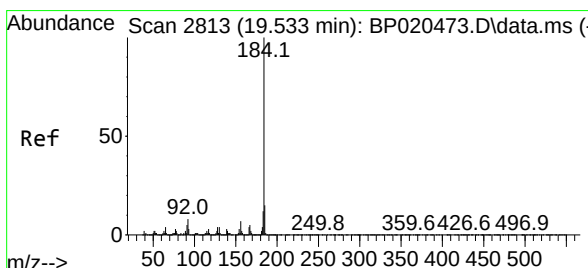
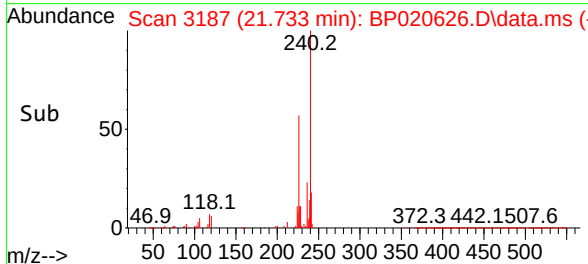
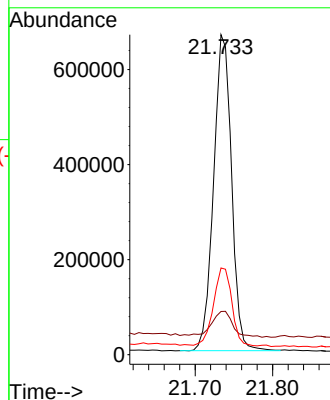
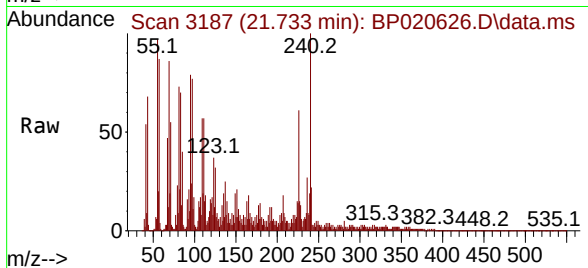
Tgt Ion:240 Resp: 1070615

Ion Ratio Lower Upper

240 100

120 13.5 8.5 12.7#

236 27.1 20.5 30.7



#77

Benzidine

Concen: 6.101 ng

RT: 19.616 min Scan# 2827

Delta R.T. 0.083 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

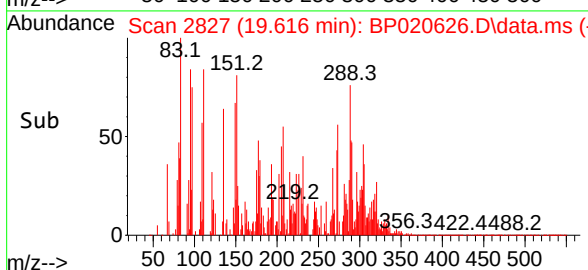
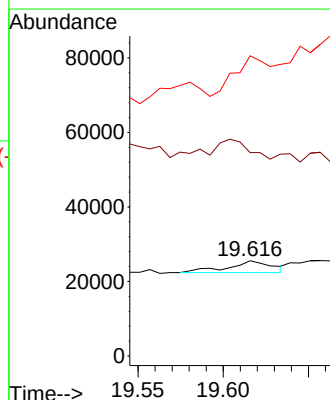
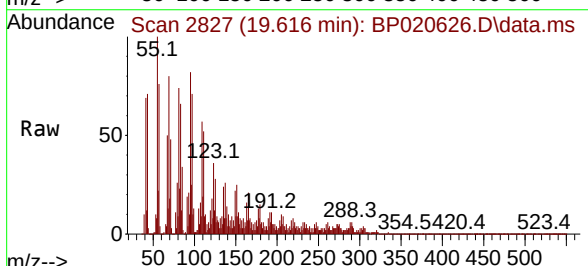
Tgt Ion:184 Resp: 5675

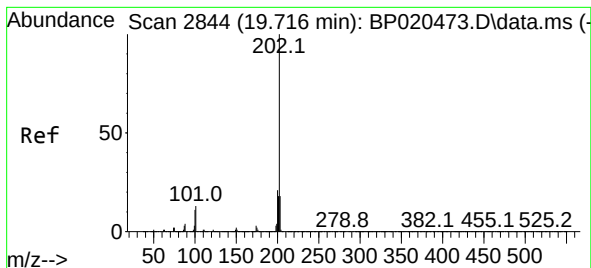
Ion Ratio Lower Upper

184 100

185 213.8 12.0 18.0#

183 315.6 9.4 14.0#





#78

Pyrene

Concen: 5.222 ng

RT: 19.827 min Scan# 2863

Delta R.T. 0.112 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

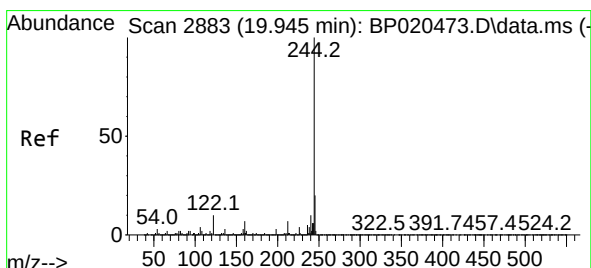
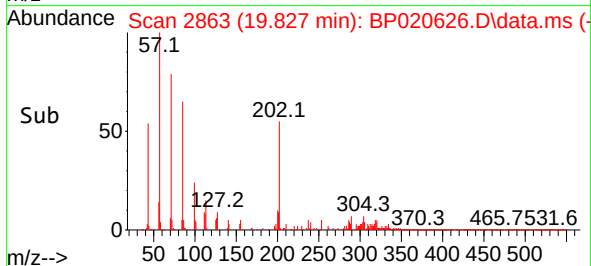
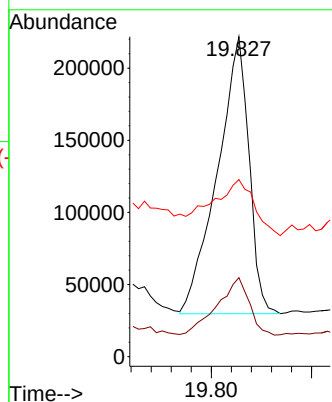
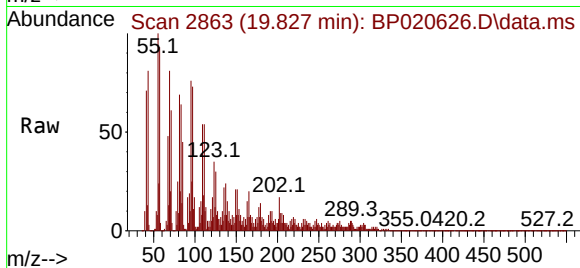
Tgt Ion:202 Resp: 420546

Ion Ratio Lower Upper

202 100

200 24.7 16.9 25.3

203 55.4 14.1 21.1#



#79

Terphenyl-d14

Concen: 15.765 ng

RT: 20.022 min Scan# 2896

Delta R.T. 0.077 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

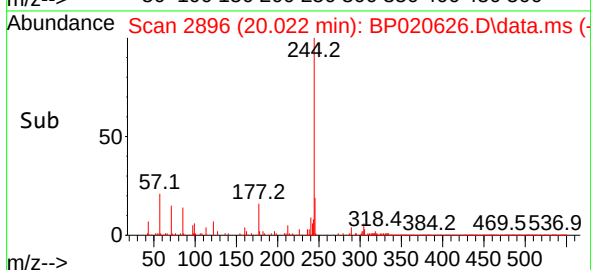
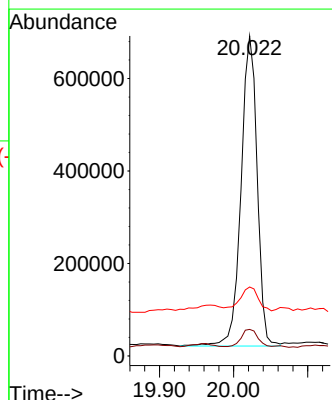
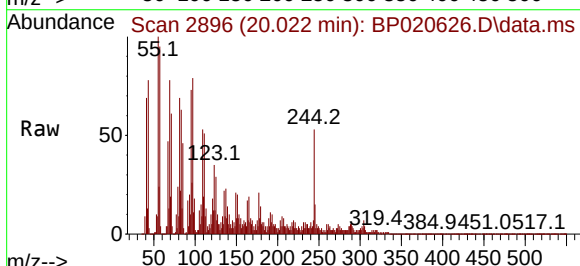
Tgt Ion:244 Resp: 1013902

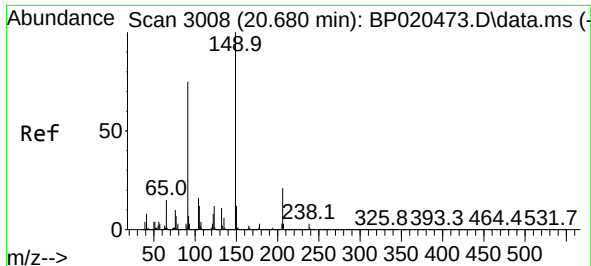
Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

122 21.6 8.2 12.2#

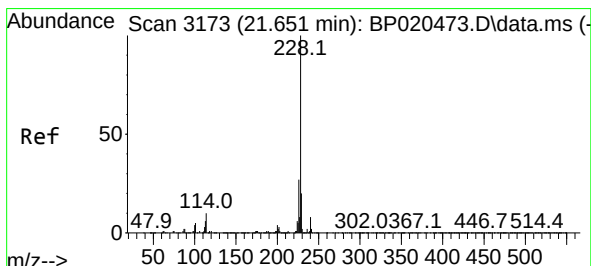
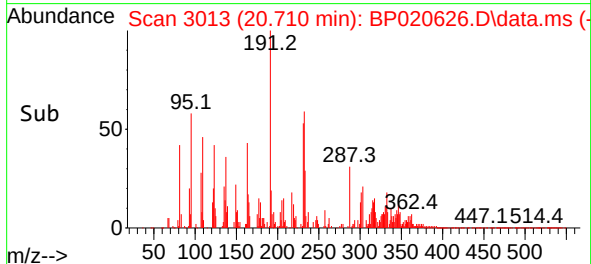
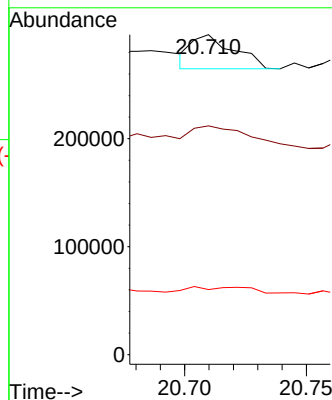
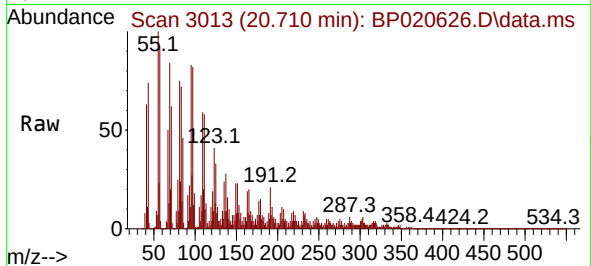




#80  
Butylbenzylphthalate  
Concen: 3.550 ng  
RT: 20.710 min Scan# 3013  
Delta R.T. 0.030 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

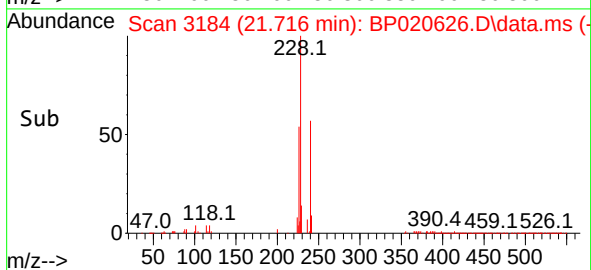
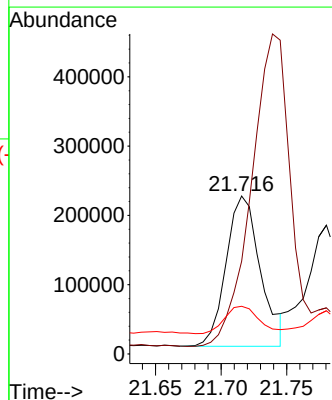
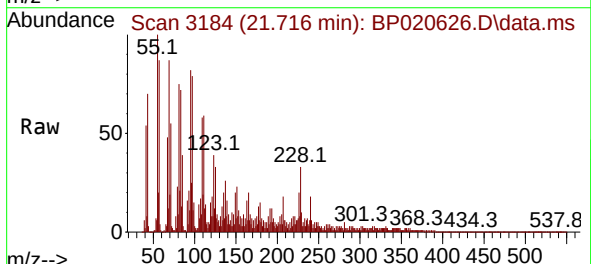
Instrument :  
BNA\_P  
ClientSampleId :  
348

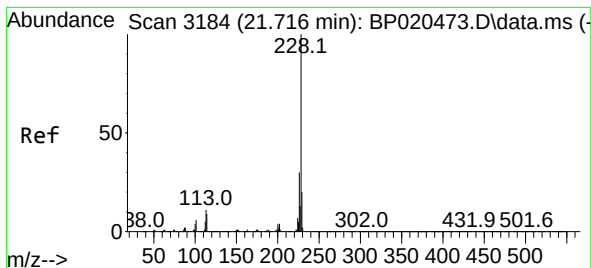
Tgt Ion:149 Resp: 38226  
Ion Ratio Lower Upper  
149 100  
91 71.5 60.0 90.0  
206 20.4 16.6 25.0



#81  
Benzo(a)anthracene  
Concen: 5.596 ng  
RT: 21.716 min Scan# 3184  
Delta R.T. 0.065 min  
Lab File: BP020626.D  
Acq: 14 Jun 2024 15:21

Tgt Ion:228 Resp: 394476  
Ion Ratio Lower Upper  
228 100  
226 58.6 21.7 32.5#  
229 30.2 15.8 23.6#





#83

Chrysene

Concen: 5.028 ng

RT: 21.780 min Scan# 3184

Delta R.T. 0.065 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

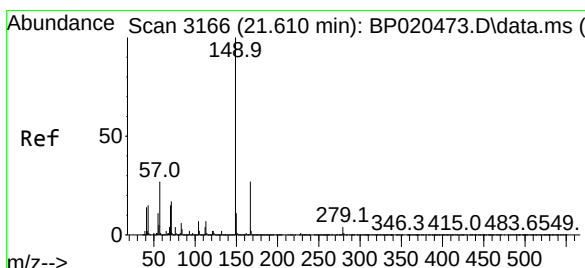
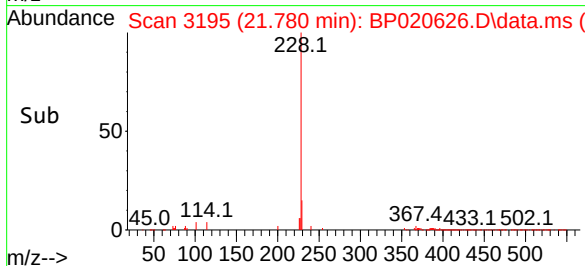
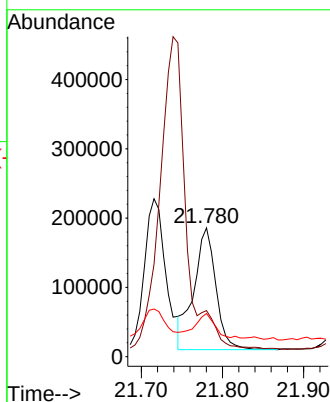
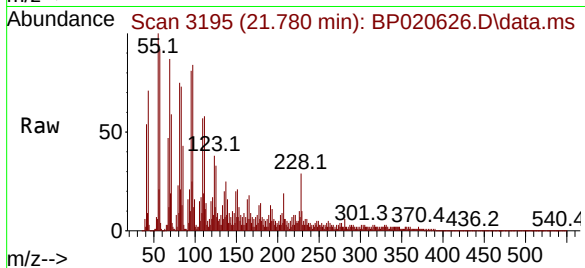
Tgt Ion:228 Resp: 334000

Ion Ratio Lower Upper

228 100

226 35.7 24.0 36.0

229 33.6 15.7 23.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.712 ng

RT: 21.616 min Scan# 3167

Delta R.T. 0.006 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

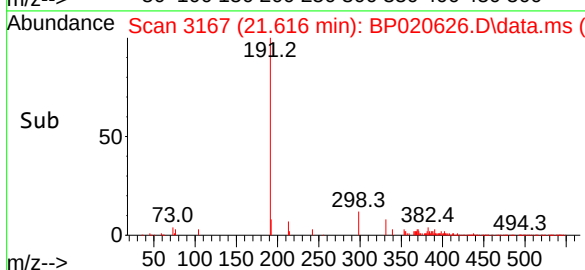
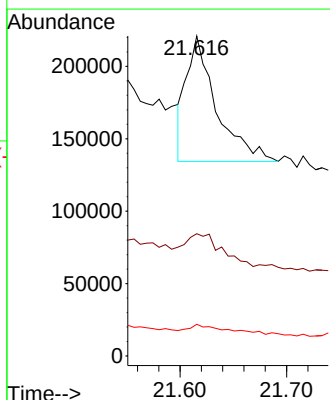
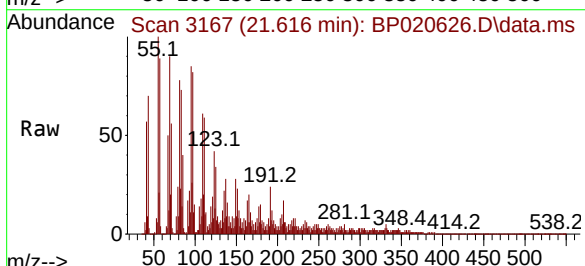
Tgt Ion:149 Resp: 170110

Ion Ratio Lower Upper

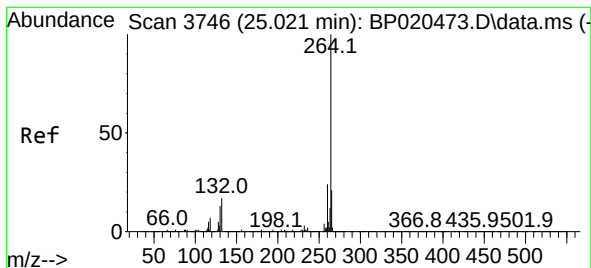
149 100

167 38.2 21.8 32.6#

279 9.9 3.4 5.0#







#86

Perylene-d12

Concen: 20.000 ng

RT: 25.063 min Scan# 31

Delta R.T. 0.041 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

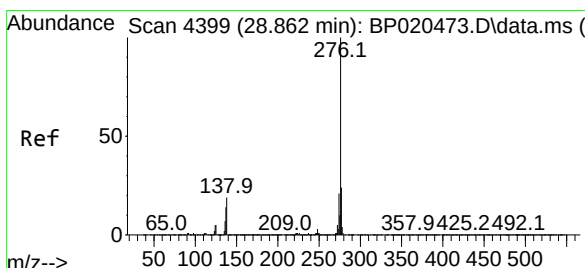
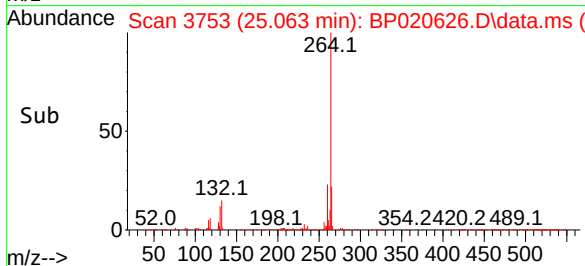
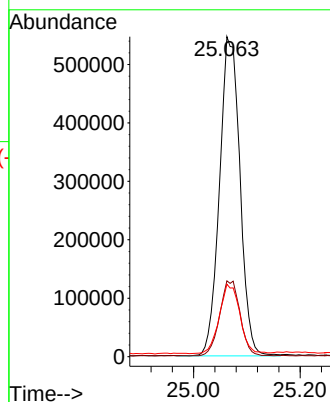
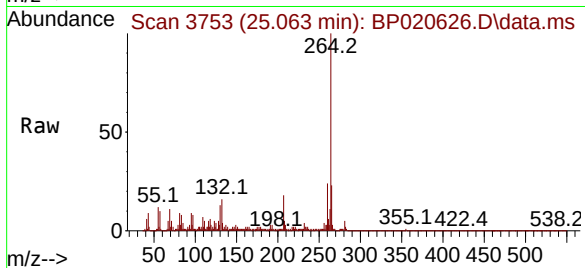
Tgt Ion:264 Resp: 1455965

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.7 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.697 ng

RT: 28.845 min Scan# 4396

Delta R.T. -0.018 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

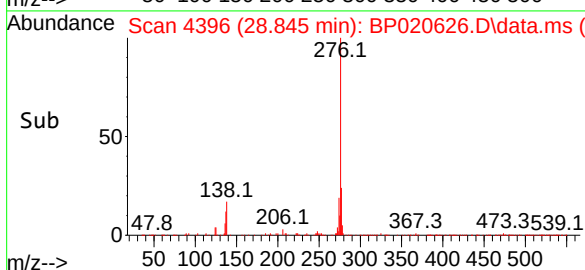
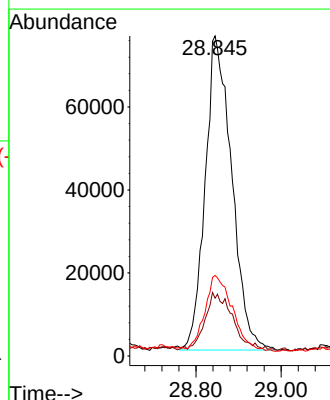
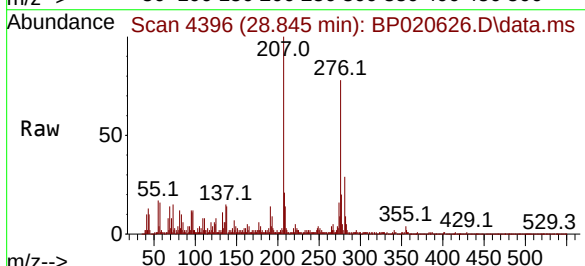
Tgt Ion:276 Resp: 327333

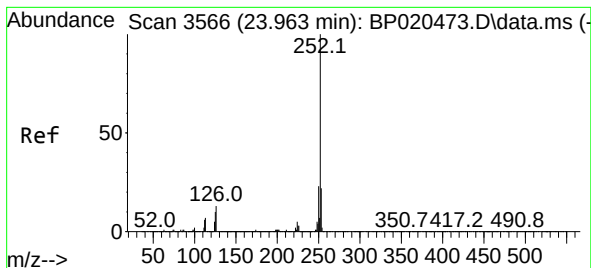
Ion Ratio Lower Upper

276 100

138 19.2 12.8 19.2

277 25.2 15.6 23.4#





#88

Benzo(b)fluoranthene

Concen: 5.591 ng

RT: 24.021 min Scan# 3576

Delta R.T. 0.059 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

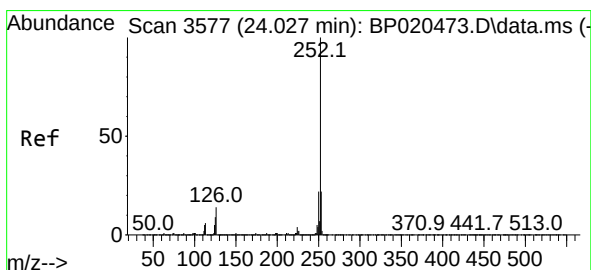
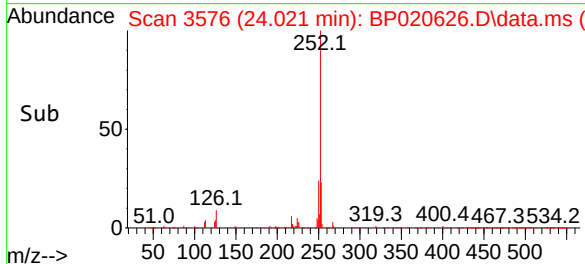
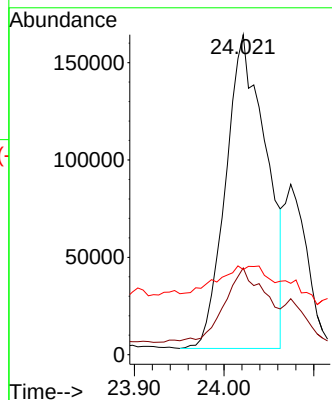
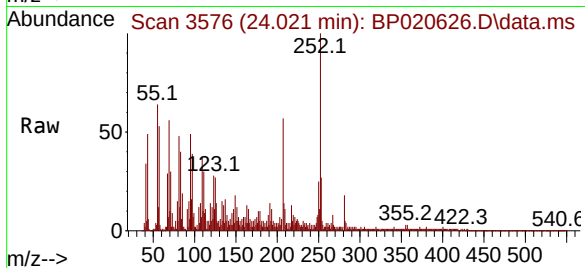
Tgt Ion:252 Resp: 507144

Ion Ratio Lower Upper

252 100

253 27.1 17.6 26.4#

125 26.6 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 5.733 ng

RT: 24.021 min Scan# 3576

Delta R.T. -0.006 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

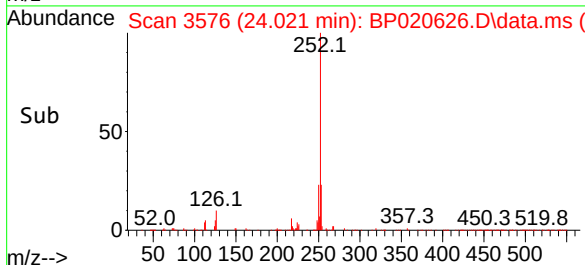
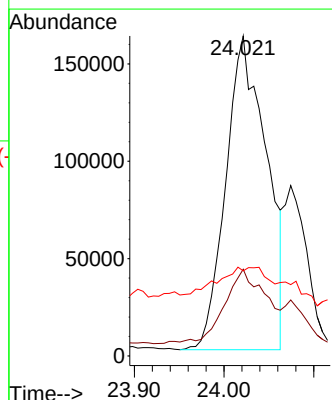
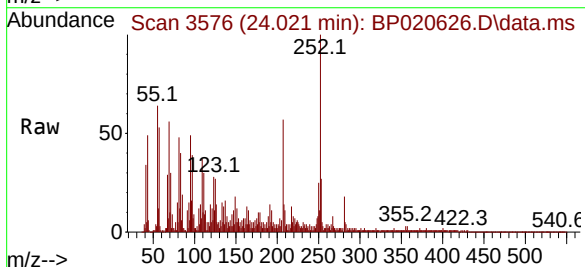
Tgt Ion:252 Resp: 507144

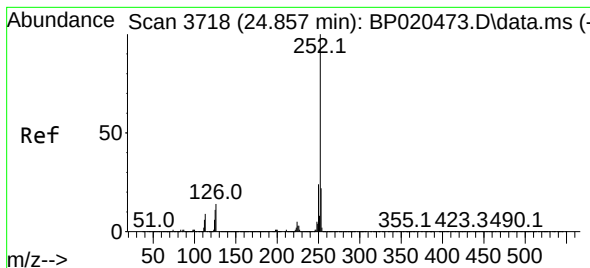
Ion Ratio Lower Upper

252 100

253 27.1 17.7 26.5#

125 26.6 7.8 11.6#





#90

Benzo(a)pyrene

Concen: 7.348 ng

RT: 24.915 min Scan# 31

Delta R.T. 0.059 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA\_P

ClientSampleId :

348

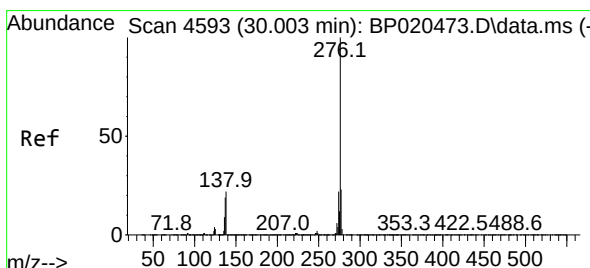
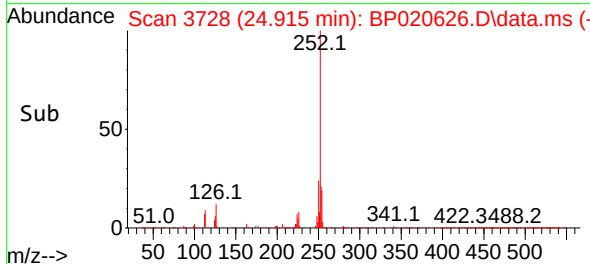
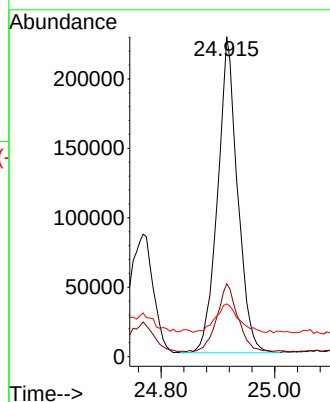
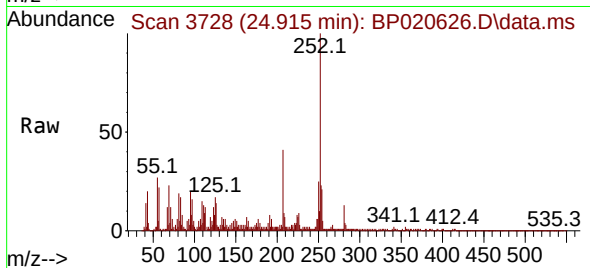
Tgt Ion:252 Resp: 551944

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 16.5 8.9 13.3#



#92

Benzo(g,h,i)perylene

Concen: 5.030 ng

RT: 30.021 min Scan# 4596

Delta R.T. 0.018 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Tgt Ion:276 Resp: 371288

Ion Ratio Lower Upper

276 100

277 27.1 18.7 28.1

138 20.8 17.7 26.5

