

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012624\  
 Data File : BP019453.D  
 Acq On : 26 Jan 2024 18:28  
 Operator : MA/JU  
 Sample : P1246-02  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-COMP-012424

Quant Time: Jan 27 00:15:50 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 26 23:43:31 2024  
 Response via : Initial Calibration

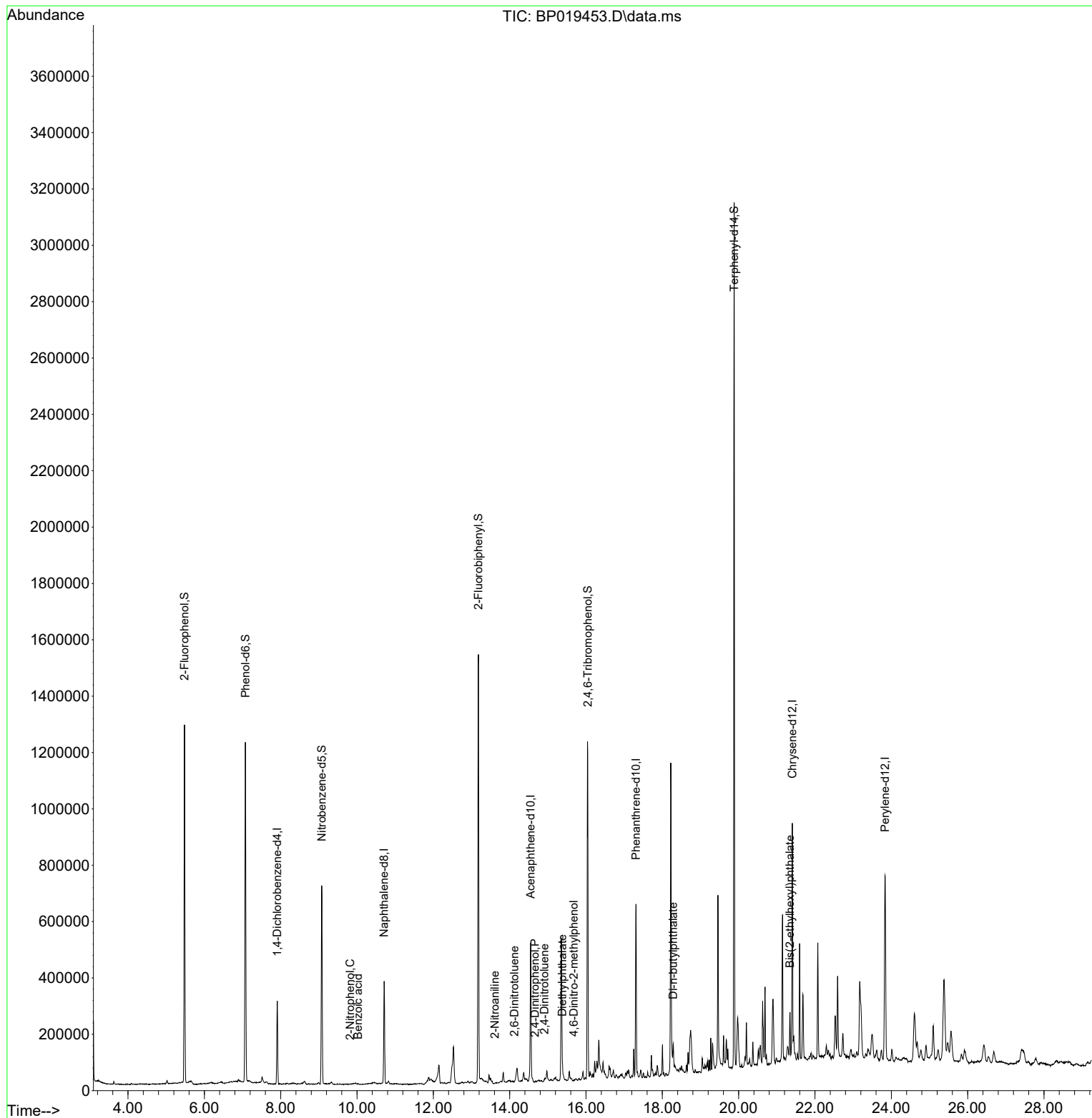
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.910  | 152  | 73521    | 20.000    | ng     | -0.02    |
| 21) Naphthalene-d8            | 10.710 | 136  | 268444   | 20.000    | ng     | -0.02    |
| 39) Acenaphthene-d10          | 14.551 | 164  | 162180   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.310 | 188  | 369048   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 21.404 | 240  | 387158   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 23.839 | 264  | 444311   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 462779   | 99.028    | ng     | -0.02    |
| 7) Phenol-d6                  | 7.075  | 99   | 603152   | 87.376    | ng     | -0.02    |
| 23) Nitrobenzene-d5           | 9.075  | 82   | 400181   | 67.139    | ng     | -0.02    |
| 42) 2,4,6-Tribromophenol      | 16.045 | 330  | 205489   | 97.839    | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.181 | 172  | 766045   | 62.605    | ng     | -0.01    |
| 79) Terphenyl-d14             | 19.880 | 244  | 1410987  | 59.752    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 7.069  | 77   | 1811     | Below Cal | #      | 17       |
| 26) 2-Nitrophenol             | 9.822  | 139  | 18       | 3.087 ng  | #      | 1        |
| 32) Benzoic acid              | 10.028 | 122  | 42       | 6.988 ng  | #      | 1        |
| 48) 2-Nitroaniline            | 13.610 | 65   | 556      | 4.291 ng  |        | 90       |
| 51) 2,6-Dinitrotoluene        | 14.122 | 165  | 1213     | 3.404 ng  | #      | 85       |
| 54) 2,4-Dinitrophenol         | 14.663 | 184  | 13       | 2.057 ng  | #      | 1        |
| 57) 2,4-Dinitrotoluene        | 14.910 | 165  | 1999     | 4.183 ng  | #      | 63       |
| 60) Diethylphthalate          | 15.380 | 149  | 29300    | 2.047 ng  |        | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.680 | 198  | 109      | 8.174 ng  | #      | 1        |
| 74) Di-n-butylphthalate       | 18.286 | 149  | 49901    | 2.055 ng  | #      | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.345 | 149  | 59653    | 3.389 ng  |        | 98       |
| -----                         |        |      |          |           |        |          |

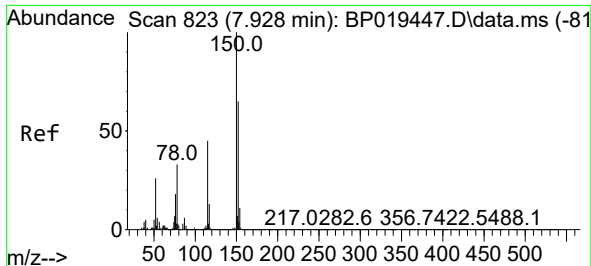
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012624\  
Data File : BP019453.D  
Acq On : 26 Jan 2024 18:28  
Operator : MA/JU  
Sample : P1246-02  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-COMP-012424

Quant Time: Jan 27 00:15:50 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 26 23:43:31 2024  
Response via : Initial Calibration

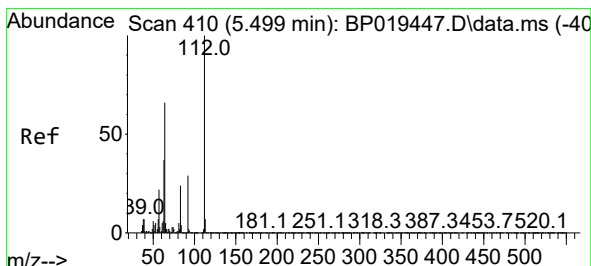
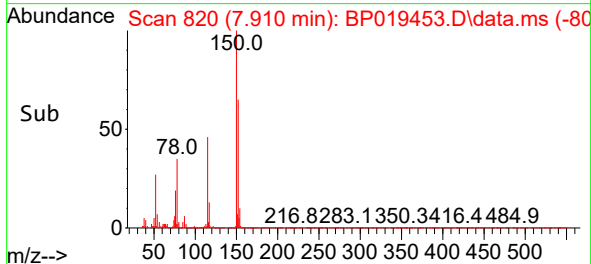
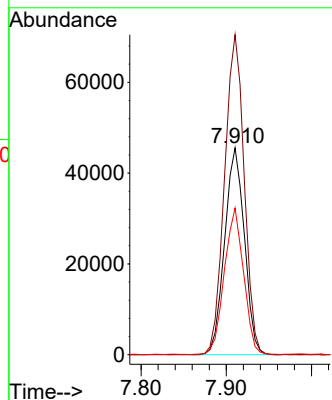
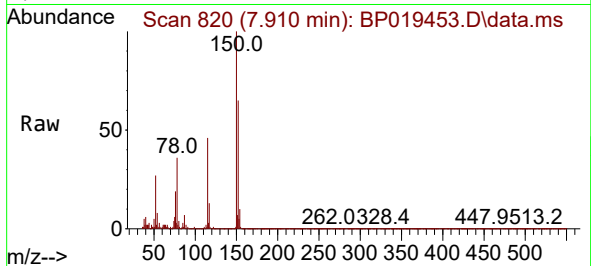




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.910 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

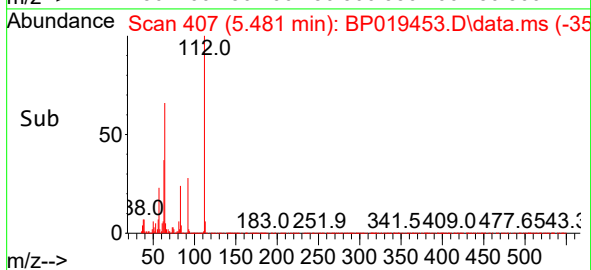
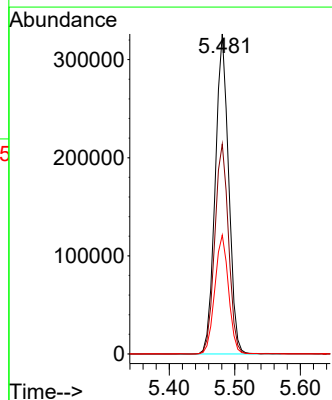
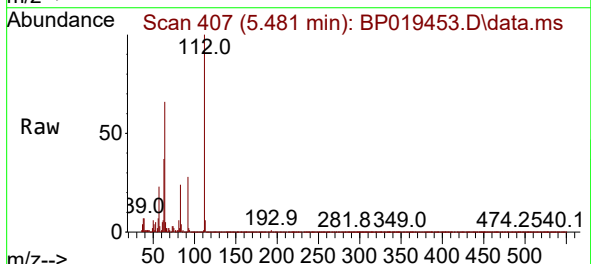
Instrument :  
BNA\_P  
ClientSampleId :  
TP-COMP-012424

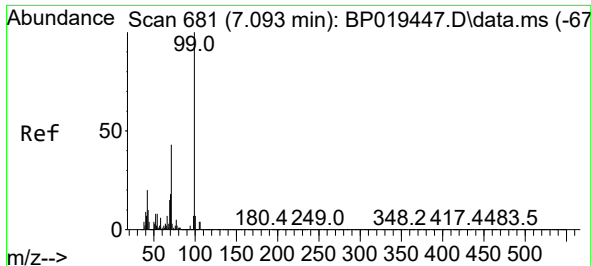
Tgt Ion:152 Resp: 73521  
Ion Ratio Lower Upper  
152 100  
150 154.7 123.5 185.3  
115 71.0 55.1 82.7



#5  
2-Fluorophenol  
Concen: 99.028 ng  
RT: 5.481 min Scan# 407  
Delta R.T. -0.018 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

Tgt Ion:112 Resp: 462779  
Ion Ratio Lower Upper  
112 100  
64 65.6 53.1 79.7  
63 37.1 29.4 44.0

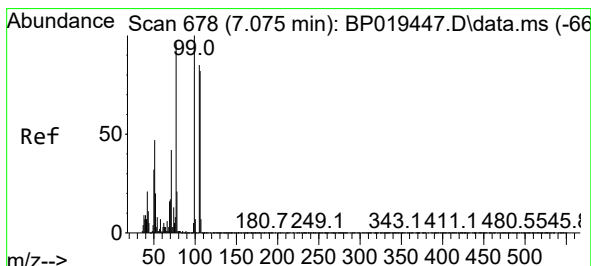
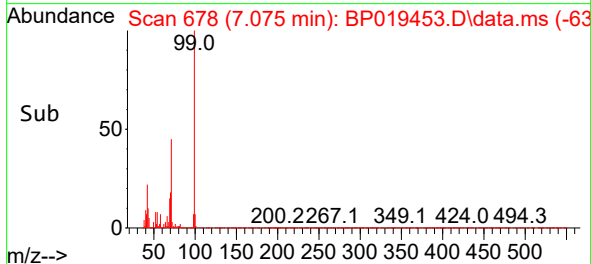
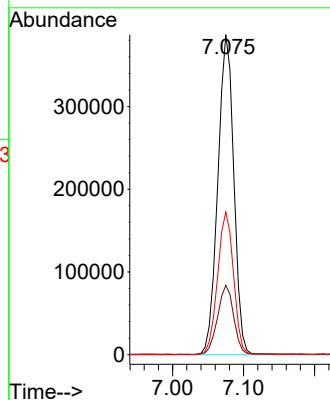
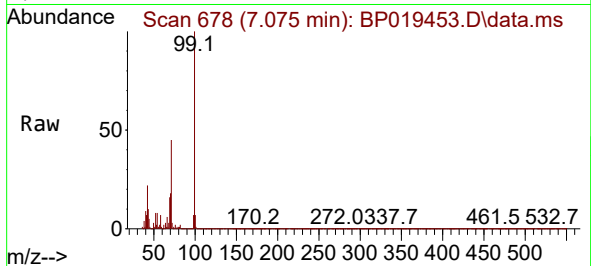




#7  
Phenol-d6  
Concen: 87.376 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

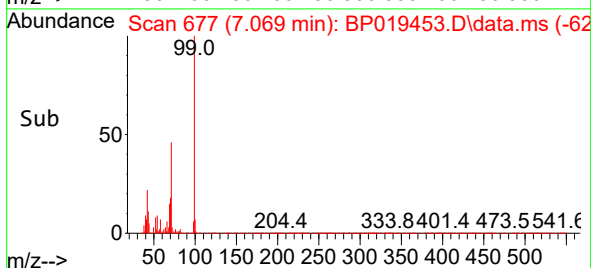
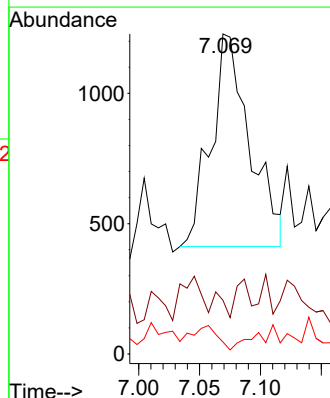
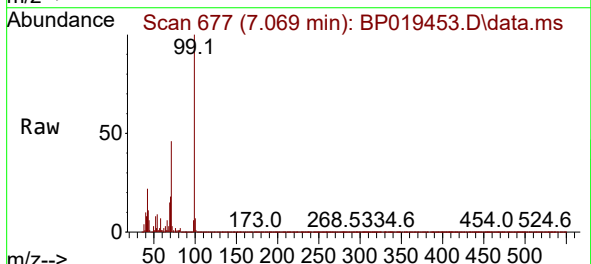
Instrument :  
BNA\_P  
ClientSampleId :  
TP-COMP-012424

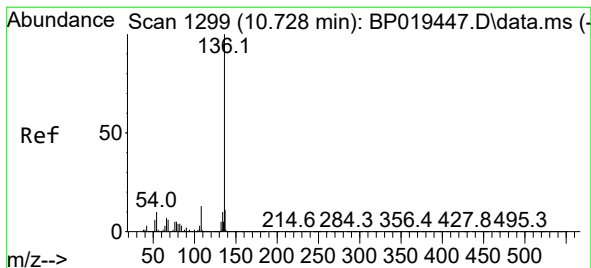
Tgt Ion: 99 Resp: 603152  
Ion Ratio Lower Upper  
99 100  
42 21.6 16.4 24.6  
71 44.6 34.6 52.0



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.069 min Scan# 677  
Delta R.T. -0.006 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

Tgt Ion: 77 Resp: 1811  
Ion Ratio Lower Upper  
77 100  
105 16.8 69.0 109.0#  
106 3.7 65.1 105.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.710 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP019453.D

Acq: 26 Jan 2024 18:28

Instrument :

BNA\_P

ClientSampleId :

TP-COMP-012424

Tgt Ion:136 Resp: 268444

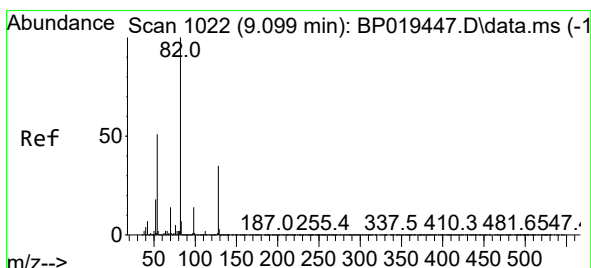
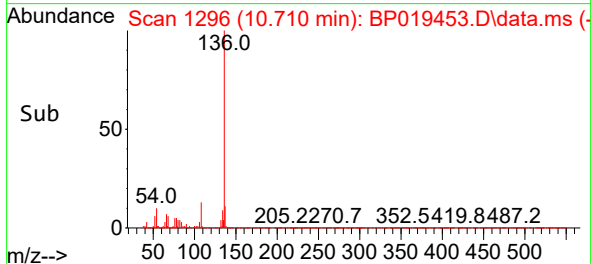
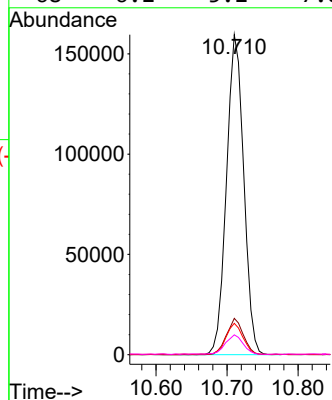
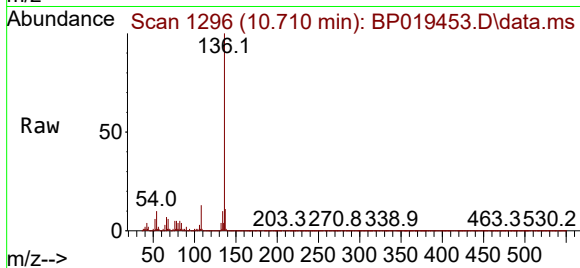
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.8 7.8 11.6

68 6.2 5.2 7.8



#23

Nitrobenzene-d5

Concen: 67.139 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.024 min

Lab File: BP019453.D

Acq: 26 Jan 2024 18:28

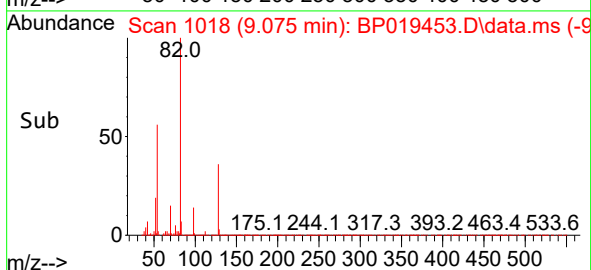
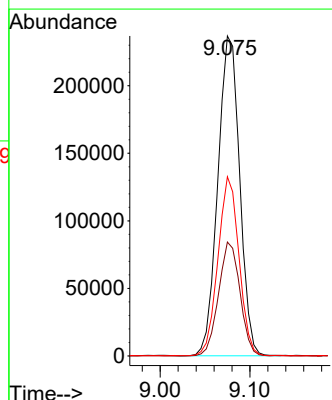
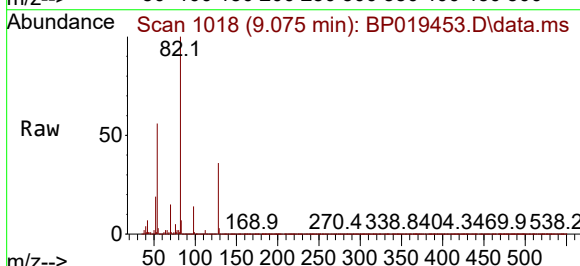
Tgt Ion: 82 Resp: 400181

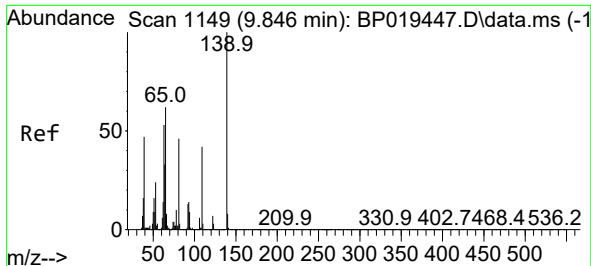
Ion Ratio Lower Upper

82 100

128 35.6 28.2 42.2

54 56.0 41.1 61.7

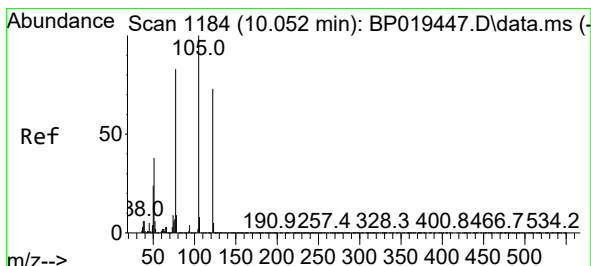
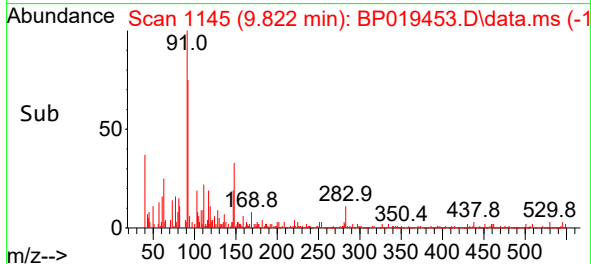
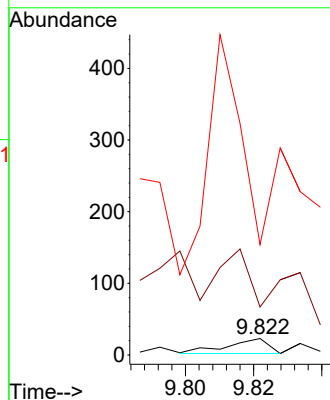
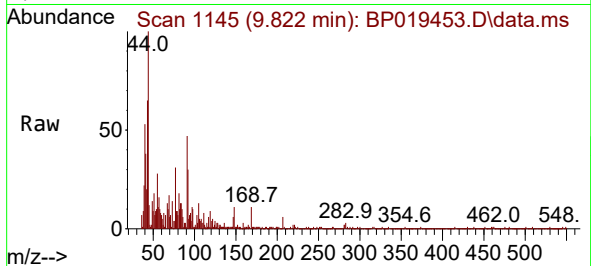




#26  
2-Nitrophenol  
Concen: 3.087 ng  
RT: 9.822 min Scan# 1149  
Delta R.T. -0.024 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

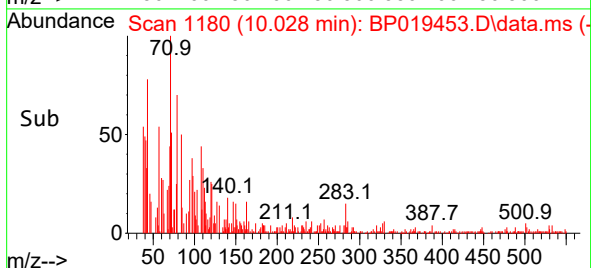
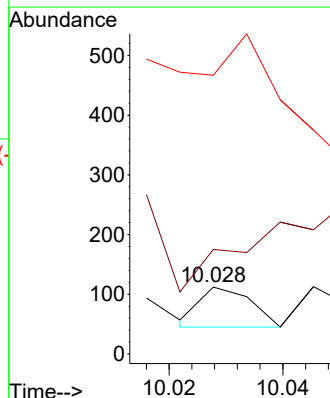
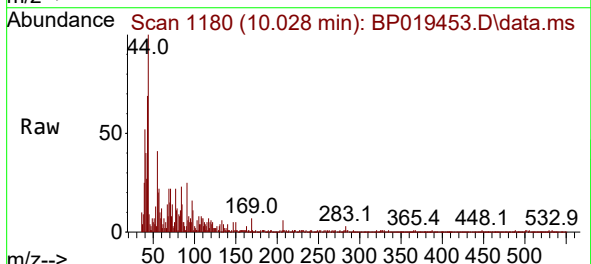
Instrument :  
BNA\_P  
ClientSampleId :  
TP-COMP-012424

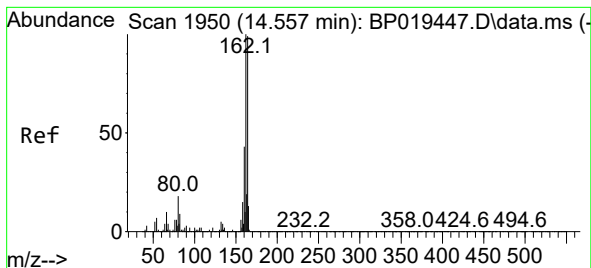
Tgt Ion:139 Resp: 18  
Ion Ratio Lower Upper  
139 100  
109 291.3 33.5 50.3#  
65 669.6 49.7 74.5#



#32  
Benzoic acid  
Concen: 6.988 ng  
RT: 10.028 min Scan# 1180  
Delta R.T. -0.024 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

Tgt Ion:122 Resp: 42  
Ion Ratio Lower Upper  
122 100  
105 156.3 115.0 155.0#  
77 417.0 91.6 131.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP019453.D

Acq: 26 Jan 2024 18:28

Instrument :

BNA\_P

ClientSampleId :

TP-COMP-012424

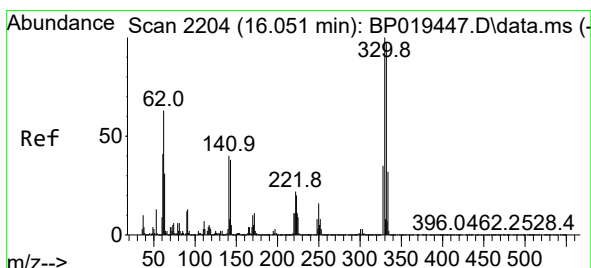
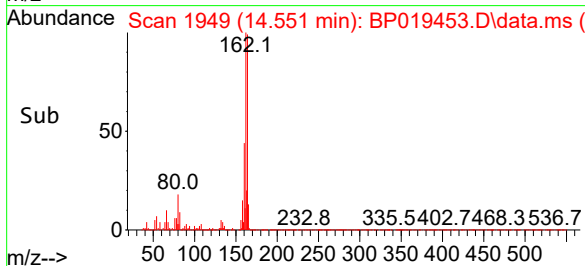
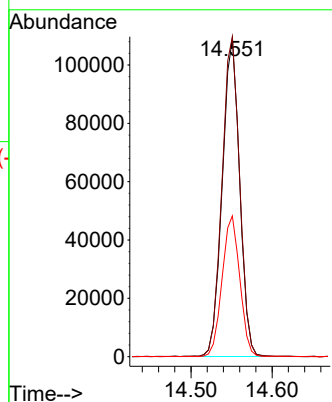
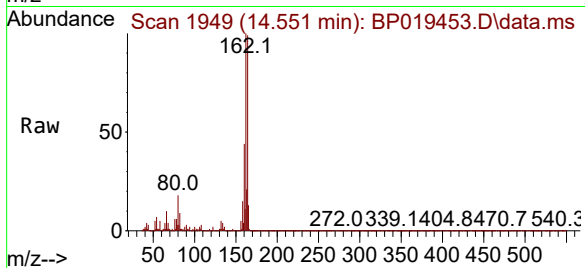
Tgt Ion:164 Resp: 162180

Ion Ratio Lower Upper

164 100

162 100.6 80.8 121.2

160 44.3 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 97.839 ng

RT: 16.045 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BP019453.D

Acq: 26 Jan 2024 18:28

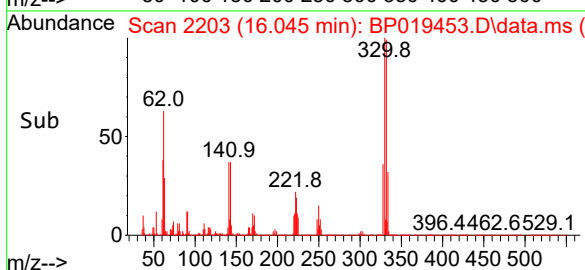
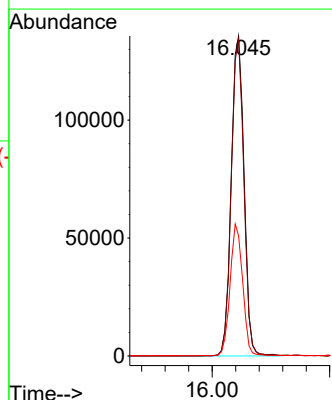
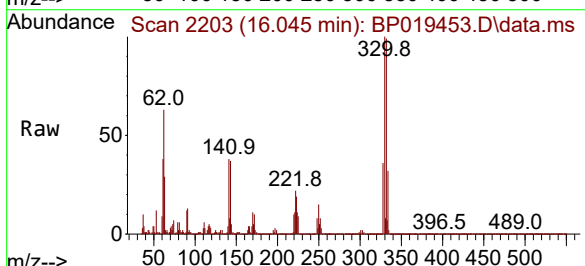
Tgt Ion:330 Resp: 205489

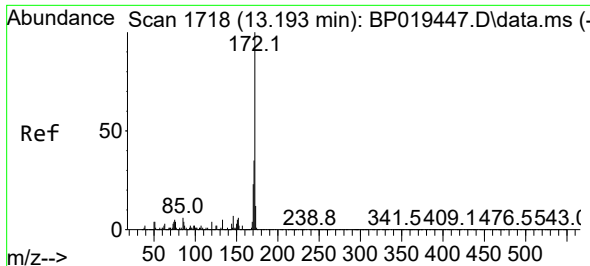
Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 40.3 30.9 46.3

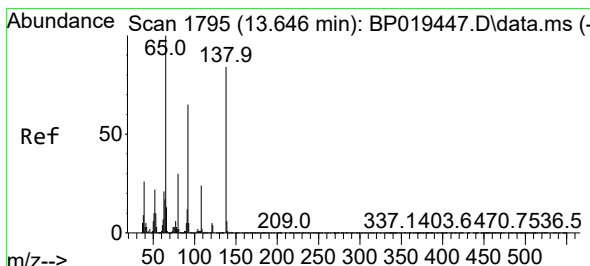
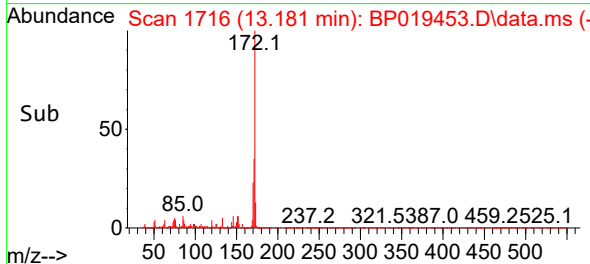
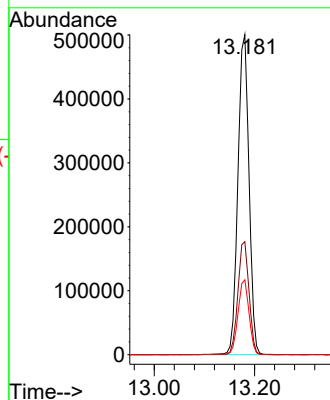
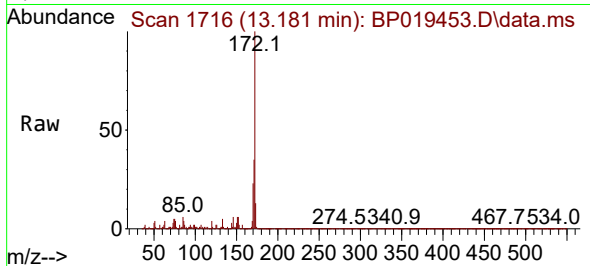




#45  
2-Fluorobiphenyl  
Concen: 62.605 ng  
RT: 13.181 min Scan# 1716  
Delta R.T. -0.012 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

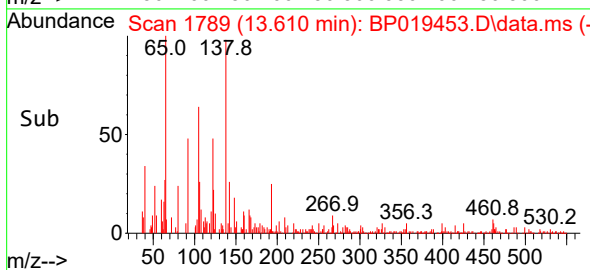
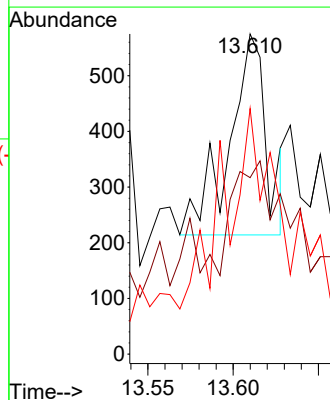
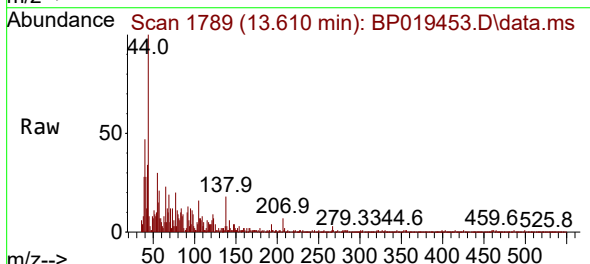
Instrument :  
BNA\_P  
ClientSampleId :  
TP-COMP-012424

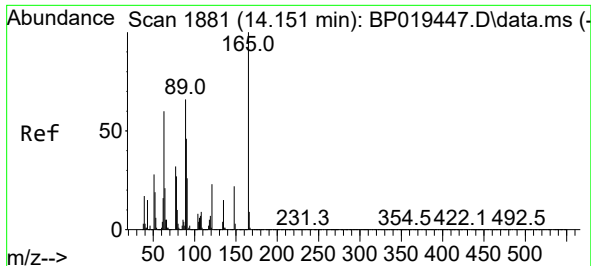
Tgt Ion:172 Resp: 766045  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.9 41.9  
170 23.4 18.7 28.1



#48  
2-Nitroaniline  
Concen: 4.291 ng  
RT: 13.610 min Scan# 1789  
Delta R.T. -0.036 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

Tgt Ion: 65 Resp: 556  
Ion Ratio Lower Upper  
65 100  
92 55.1 51.9 77.9  
138 76.7 67.0 100.6

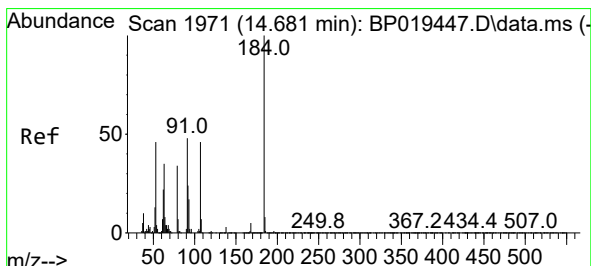
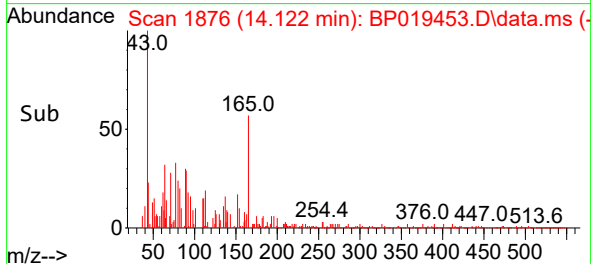
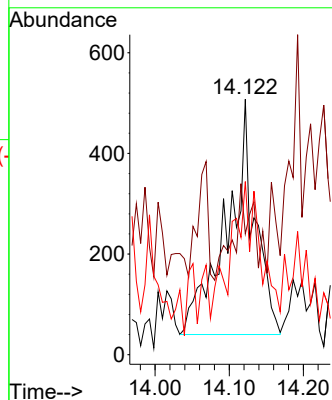
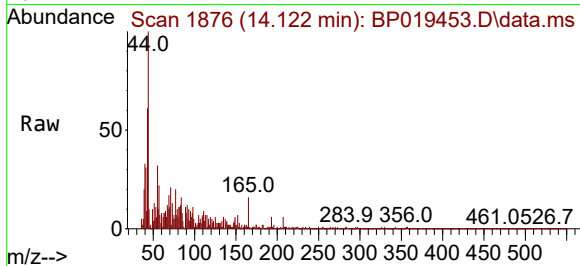




#51  
2,6-Dinitrotoluene  
Concen: 3.404 ng  
RT: 14.122 min Scan# 11  
Delta R.T. -0.029 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

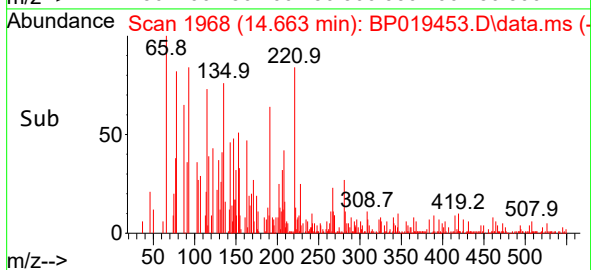
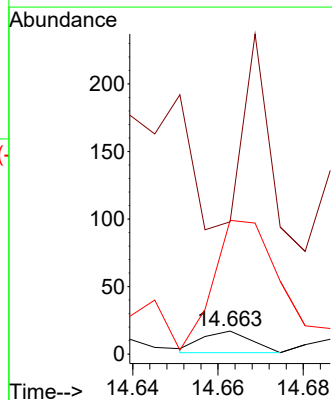
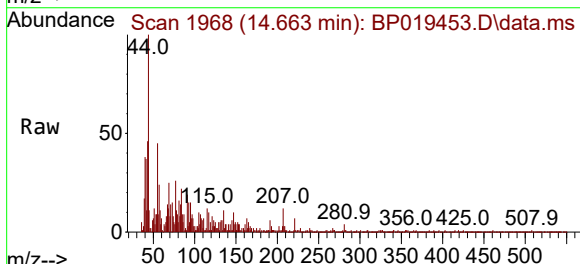
Instrument :  
BNA\_P  
ClientSampleId :  
TP-COMP-012424

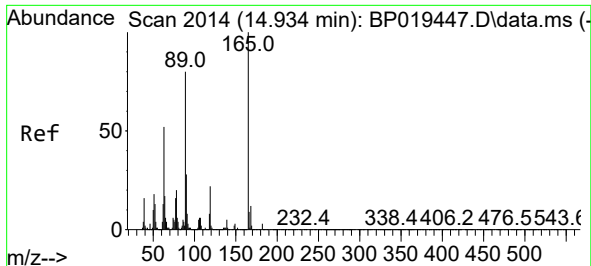
Tgt Ion:165 Resp: 1213  
Ion Ratio Lower Upper  
165 100  
63 47.2 55.6 83.4#  
89 67.7 53.0 79.6



#54  
2,4-Dinitrophenol  
Concen: 2.057 ng  
RT: 14.663 min Scan# 1968  
Delta R.T. -0.018 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

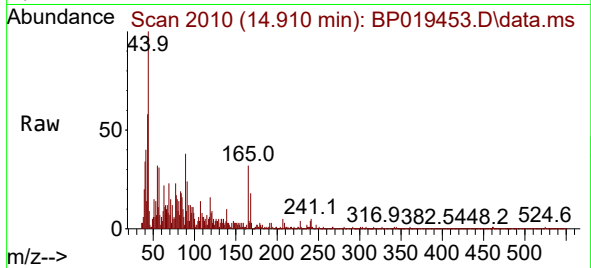
Tgt Ion:184 Resp: 13  
Ion Ratio Lower Upper  
184 100  
63 576.5 54.3 81.5#  
154 582.4 51.1 76.7#



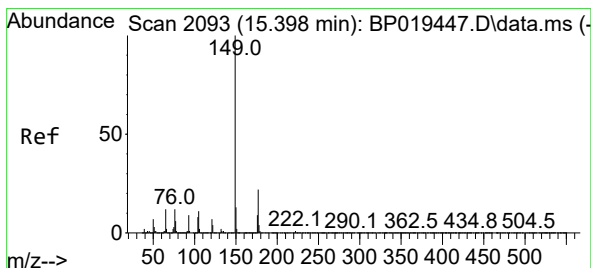
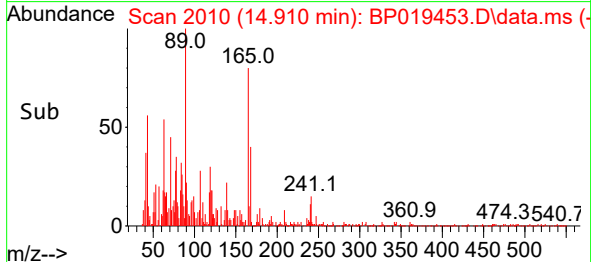
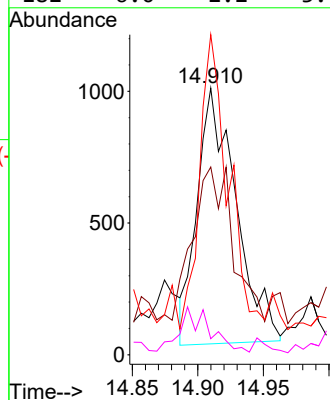


#57  
2,4-Dinitrotoluene  
Concen: 4.183 ng  
RT: 14.910 min Scan# 2014  
Delta R.T. -0.024 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

Instrument :  
BNA\_P  
ClientSampleId :  
TP-COMP-012424

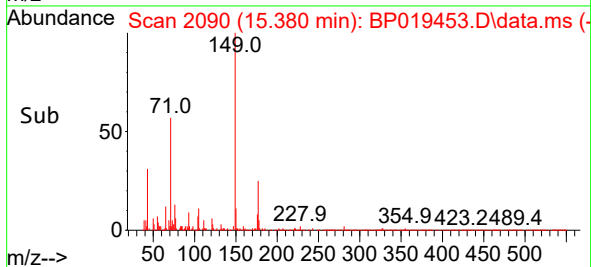
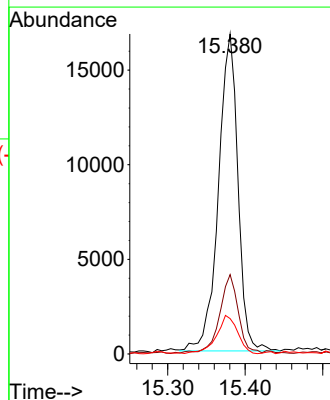
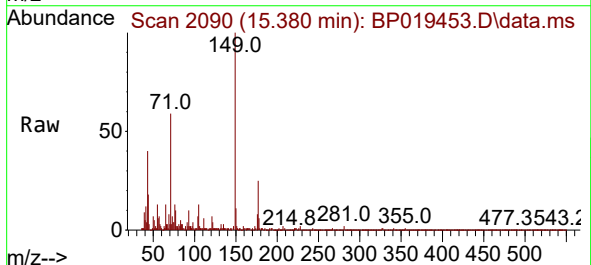


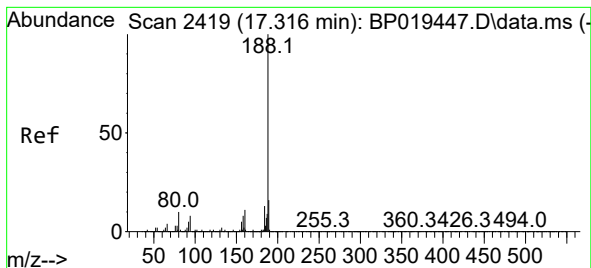
Tgt Ion:165 Resp: 1999  
Ion Ratio Lower Upper  
165 100  
63 70.5 41.4 62.0#  
89 120.1 64.2 96.4#  
182 6.0 2.2 3.4#



#60  
Diethylphthalate  
Concen: 2.047 ng  
RT: 15.380 min Scan# 2090  
Delta R.T. -0.018 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

Tgt Ion:149 Resp: 29300  
Ion Ratio Lower Upper  
149 100  
177 24.8 17.8 26.8  
150 11.1 10.2 15.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP019453.D

Acq: 26 Jan 2024 18:28

Instrument :

BNA\_P

ClientSampleId :

TP-COMP-012424

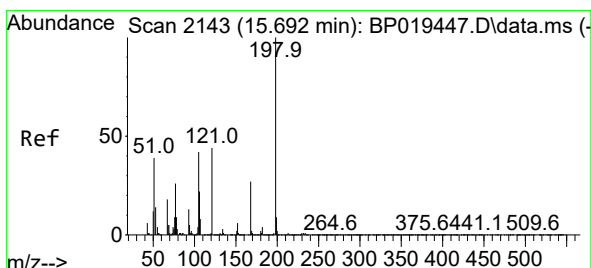
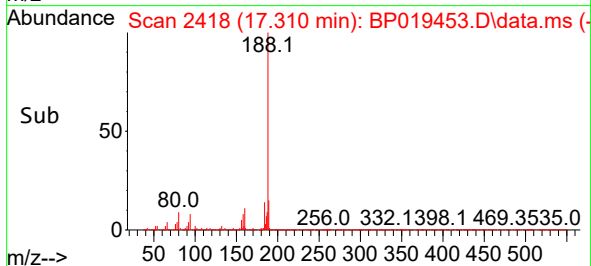
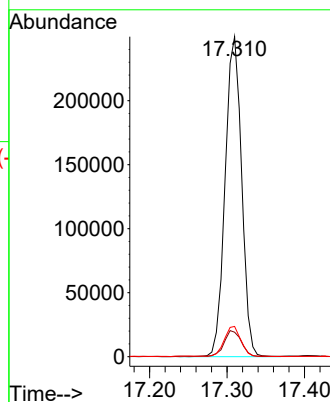
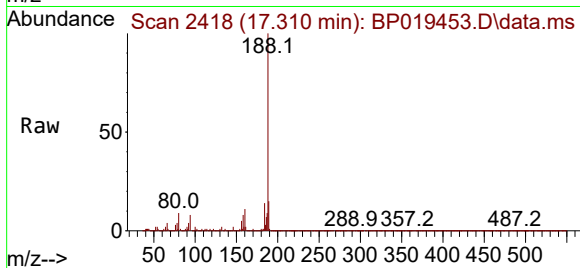
Tgt Ion:188 Resp: 369048

Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.2

80 9.5 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.174 ng

RT: 15.680 min Scan# 2141

Delta R.T. -0.012 min

Lab File: BP019453.D

Acq: 26 Jan 2024 18:28

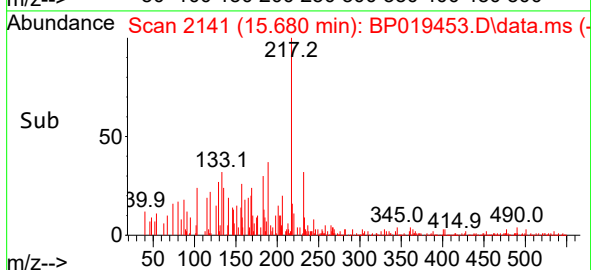
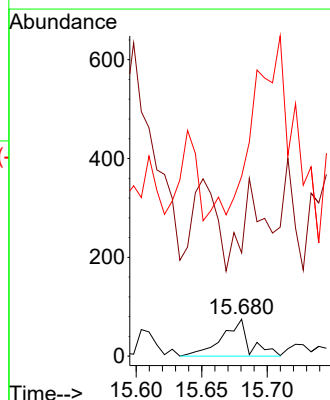
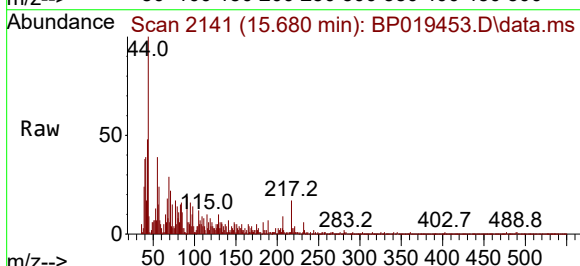
Tgt Ion:198 Resp: 109

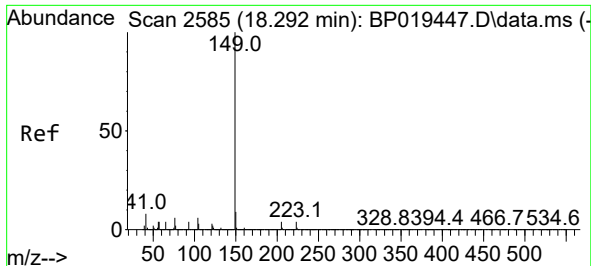
Ion Ratio Lower Upper

198 100

51 278.7 32.3 72.3#

105 485.3 24.1 64.1#

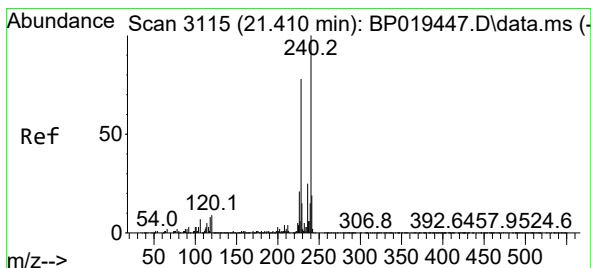
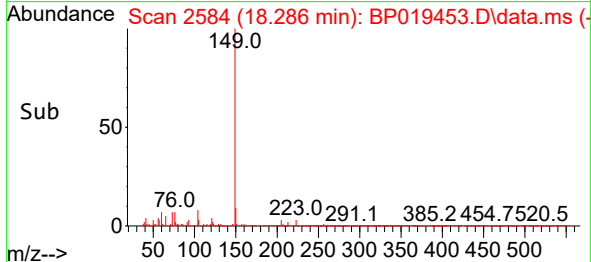
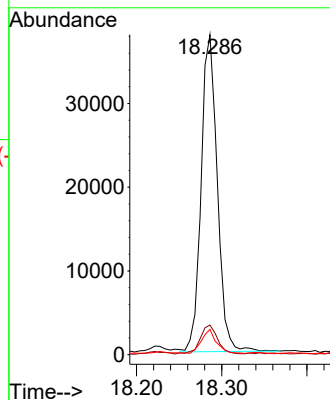
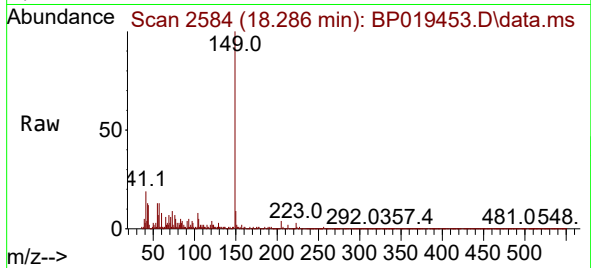




#74  
Di-n-butylphthalate  
Concen: 2.055 ng  
RT: 18.286 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

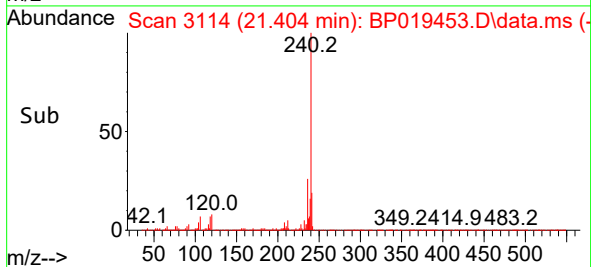
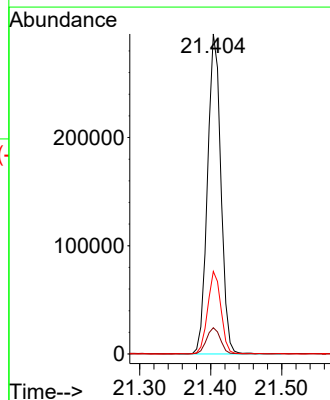
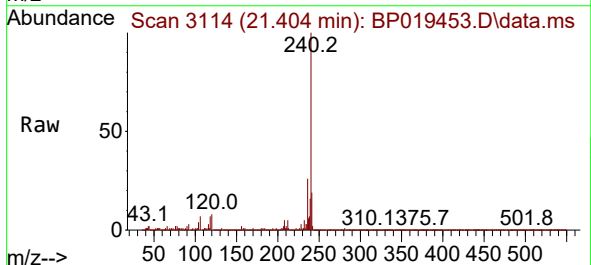
Instrument :  
BNA\_P  
ClientSampleId :  
TP-COMP-012424

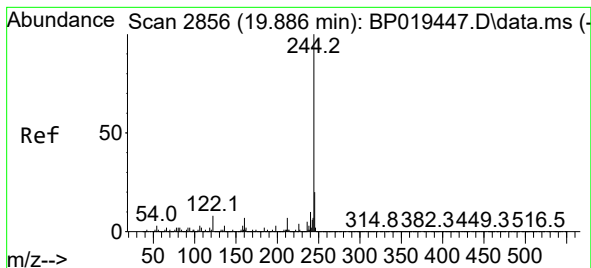
Tgt Ion:149 Resp: 49901  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.0  
104 7.9 4.9 7.3#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.404 min Scan# 3114  
Delta R.T. -0.006 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

Tgt Ion:240 Resp: 387158  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.9 10.3  
236 25.8 19.8 29.8





#79

Terphenyl-d14

Concen: 59.752 ng

RT: 19.880 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019453.D

Acq: 26 Jan 2024 18:28

Instrument :

BNA\_P

ClientSampleId :

TP-COMP-012424

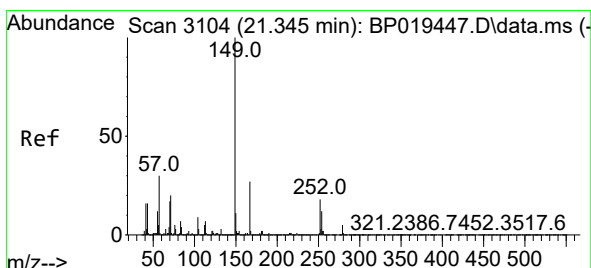
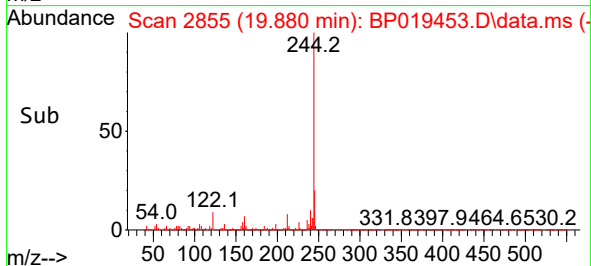
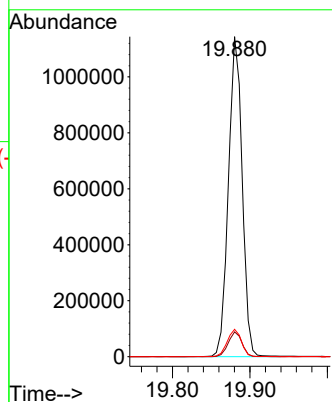
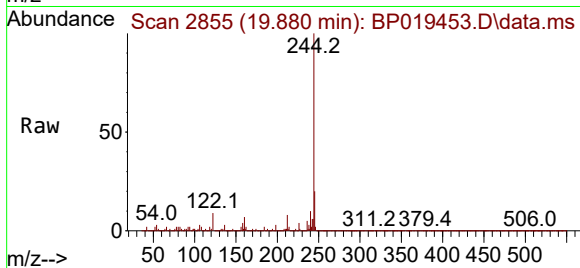
Tgt Ion:244 Resp: 1410987

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 8.5 6.6 10.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.389 ng

RT: 21.345 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP019453.D

Acq: 26 Jan 2024 18:28

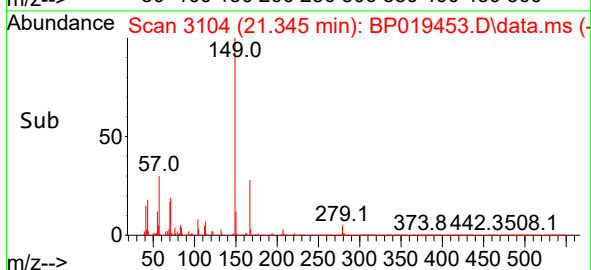
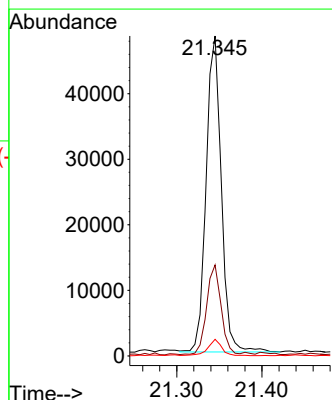
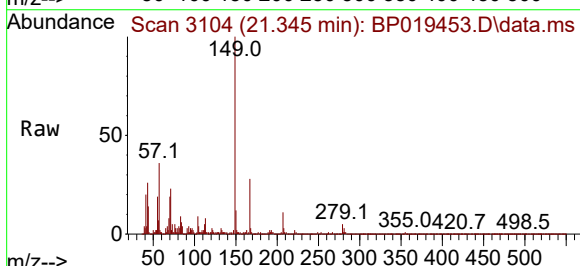
Tgt Ion:149 Resp: 59653

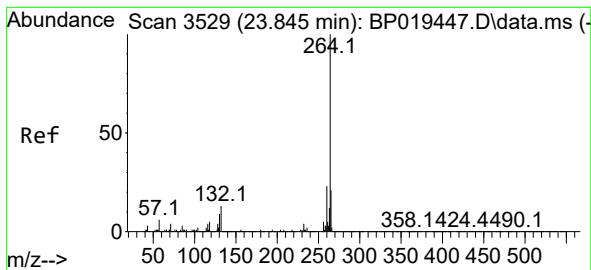
Ion Ratio Lower Upper

149 100

167 28.5 22.0 33.0

279 5.2 3.7 5.5





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.839 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP019453.D  
Acq: 26 Jan 2024 18:28

Instrument :  
BNA\_P  
ClientSampleId :  
TP-COMP-012424

Tgt Ion:264 Resp: 444311  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.6  | 28.0  |
| 265 | 20.7  | 16.4  | 24.6  |

