

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011123\  
 Data File : BP013457.D  
 Acq On : 11 Jan 2023 22:45  
 Operator : CG/JU  
 Sample : 01064-07 10X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 S-14-02

Quant Time: Jan 12 02:22:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 12 02:16:32 2023  
 Response via : Initial Calibration

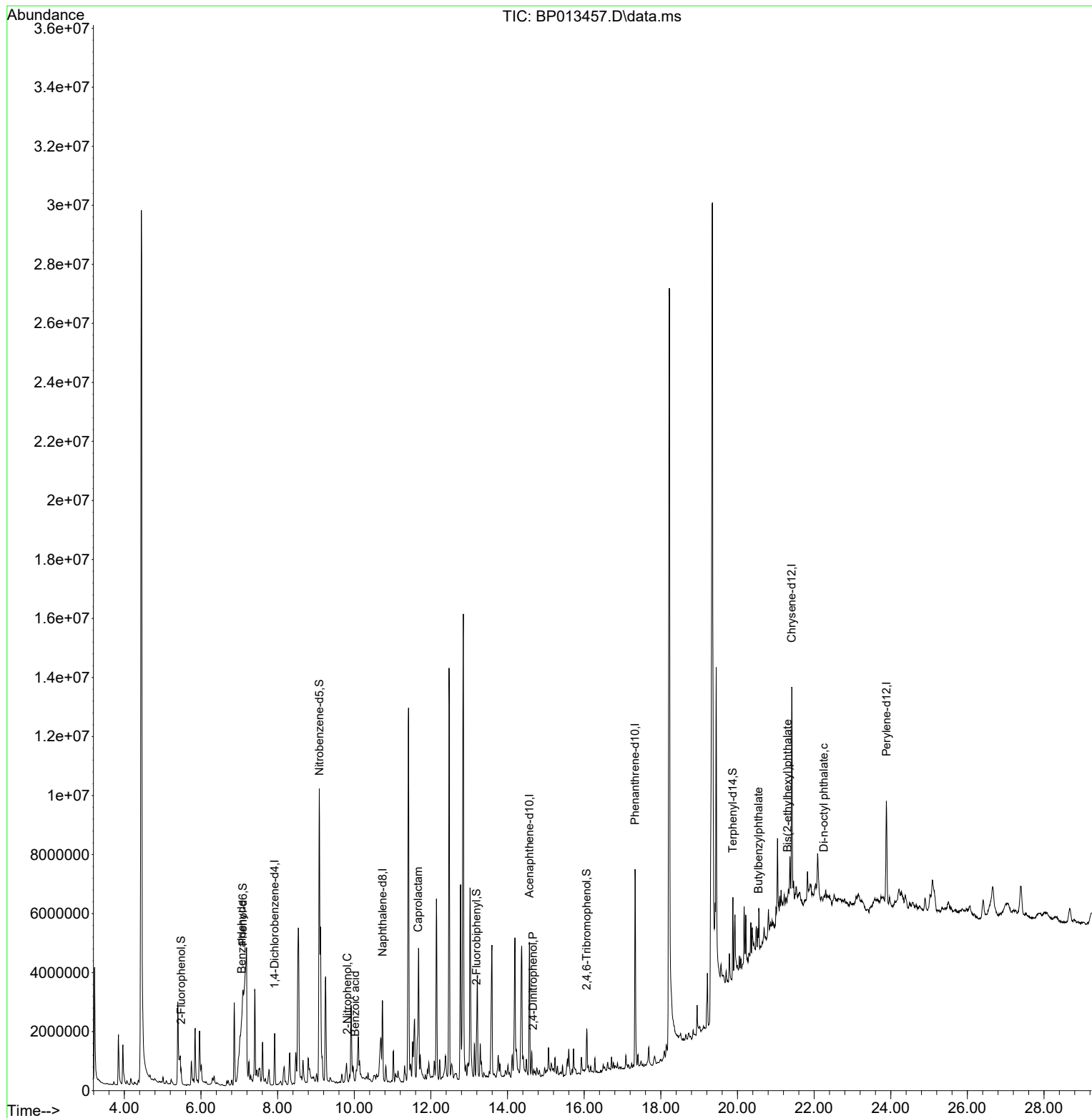
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 460253   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.740 | 136  | 2099009  | 20.000 | ng    | # 0.01   |
| 39) Acenaphthene-d10          | 14.569 | 164  | 1525961  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.328 | 188  | 4030152  | 20.000 | ng    | 0.01     |
| 76) Chrysene-d12              | 21.416 | 240  | 3541319  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.886 | 264  | 2670522  | 20.000 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 208868   | 8.292  | ng    | 0.01     |
| 7) Phenol-d6                  | 7.093  | 99   | 337678   | 10.265 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 9.093  | 82   | 238466   | 6.228  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.063 | 330  | 192849   | 10.482 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.193 | 172  | 565023   | 5.028  | ng    | 0.01     |
| 79) Terphenyl-d14             | 19.880 | 244  | 1273164  | 7.093  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 9) Benzaldehyde               | 7.064  | 77   | 97773    | 4.954  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.822  | 139  | 425      | 2.809  | ng    | # 1      |
| 32) Benzoic acid              | 10.022 | 122  | 12058    | 4.838  | ng    | # 65     |
| 35) Caprolactam               | 11.669 | 113  | 18372    | 2.095  | ng    | # 1      |
| 54) 2,4-Dinitrophenol         | 14.663 | 184  | 315      | 3.617  | ng    | # 1      |
| 80) Butylbenzylphthalate      | 20.545 | 149  | 7023     | 2.167  | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 21.310 | 149  | 27062    | 2.984  | ng    | # 69     |
| 85) Di-n-octyl phthalate      | 22.251 | 149  | 12078    | 2.229  | ng    | # 75     |
| -----                         |        |      |          |        |       |          |

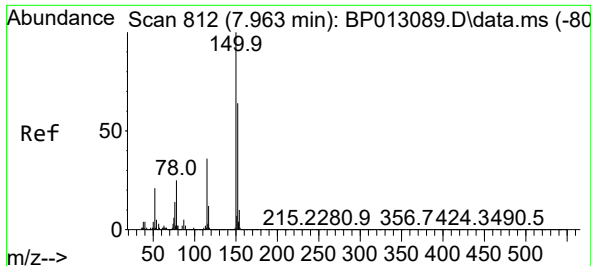
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011123\  
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Quant Time: Jan 12 02:22:06 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 12 02:16:32 2023  
Response via : Initial Calibration

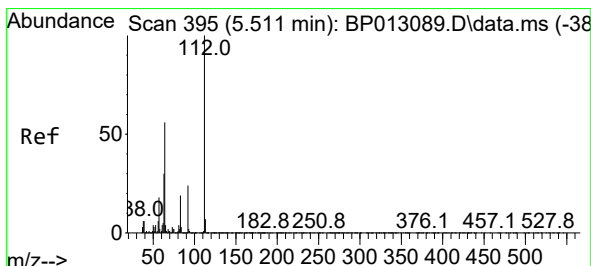
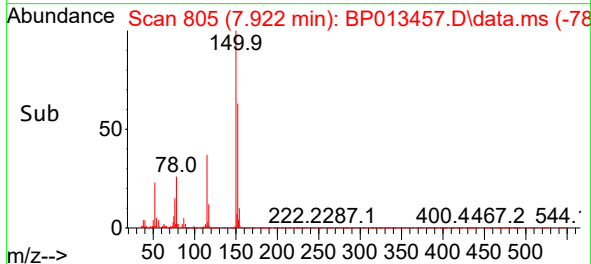
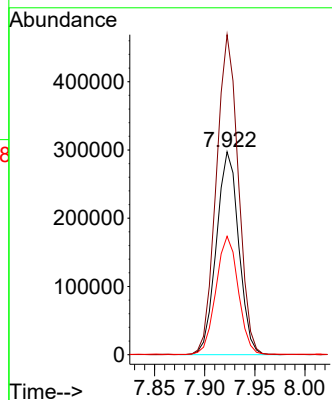
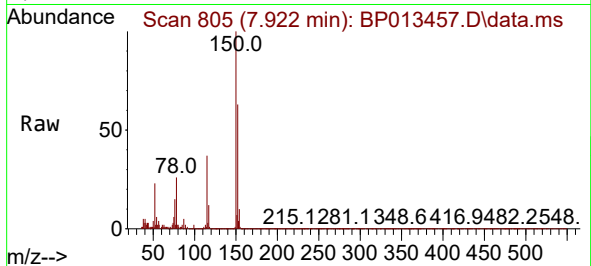




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.922 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BP013457.D  
Acq: 11 Jan 2023 22:45

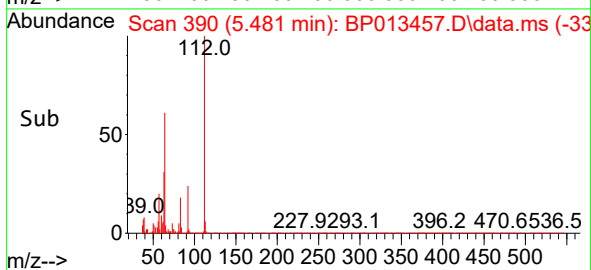
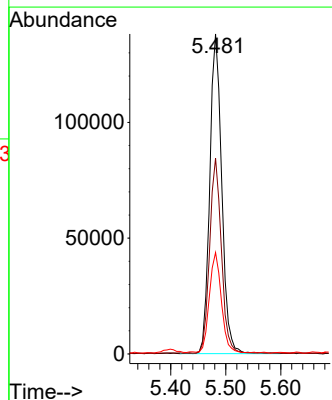
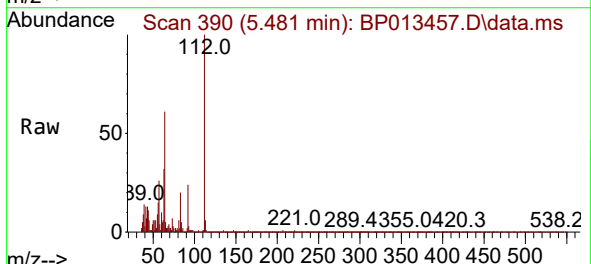
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BNA\_P  
ClientSampleId :  
S-14-02

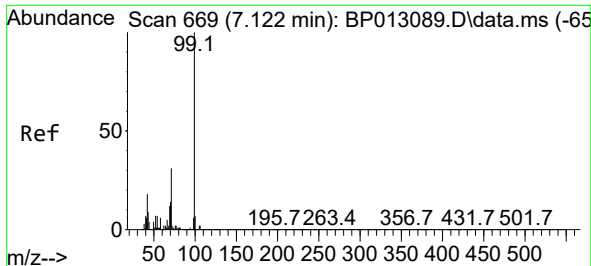
Tgt Ion:152 Resp: 460253  
Ion Ratio Lower Upper  
152 100  
150 157.7 125.3 187.9  
115 58.3 45.6 68.4



#5  
2-Fluorophenol  
Concen: 8.292 ng  
RT: 5.481 min Scan# 390  
Delta R.T. 0.012 min  
Lab File: BP013457.D  
Acq: 11 Jan 2023 22:45

Tgt Ion:112 Resp: 208868  
Ion Ratio Lower Upper  
112 100  
64 61.2 45.1 67.7  
63 31.7 23.8 35.6

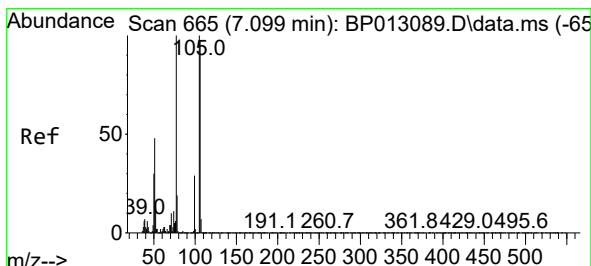
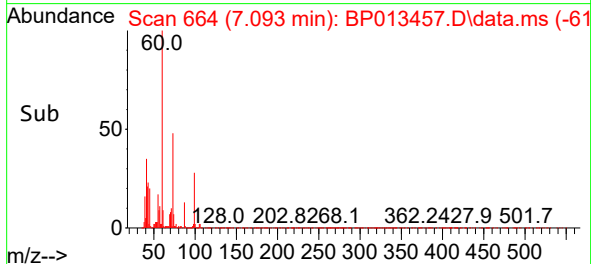
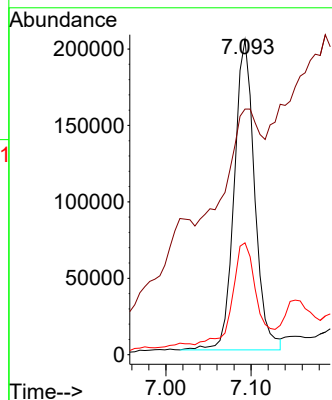
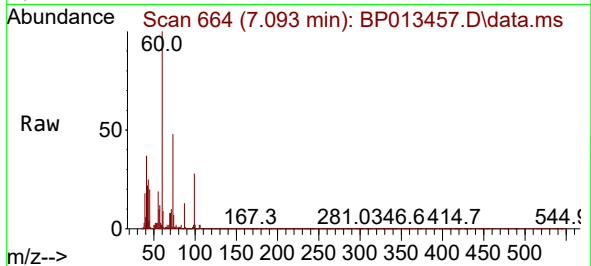




#7  
Phenol-d6  
Concen: 10.265 ng  
RT: 7.093 min Scan# 611  
Delta R.T. 0.018 min  
Lab File: BP013457.D  
Acq: 11 Jan 2023 22:45

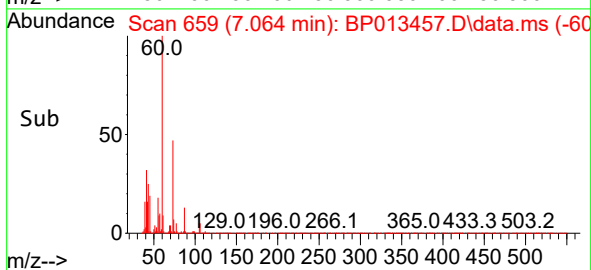
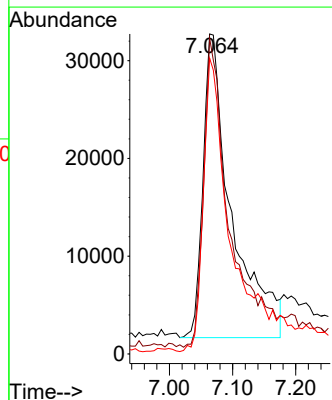
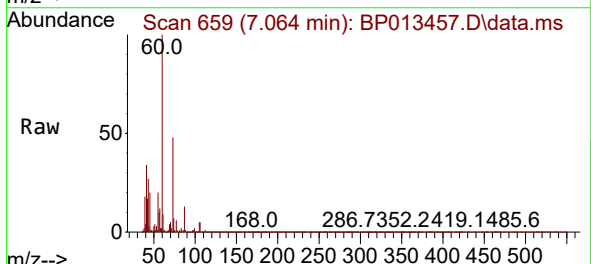
Instrument :  
BNA\_P  
ClientSampleId :  
S-14-02

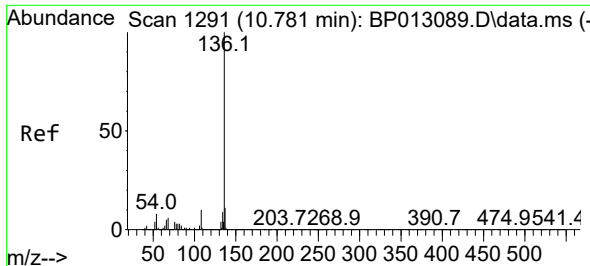
Tgt Ion: 99 Resp: 337678  
Ion Ratio Lower Upper  
99 100  
42 78.0 14.2 21.4#  
71 35.6 24.7 37.1



#9  
Benzaldehyde  
Concen: 4.954 ng  
RT: 7.064 min Scan# 659  
Delta R.T. 0.012 min  
Lab File: BP013457.D  
Acq: 11 Jan 2023 22:45

Tgt Ion: 77 Resp: 97773  
Ion Ratio Lower Upper  
77 100  
105 98.7 80.1 120.1  
106 92.4 76.6 116.6

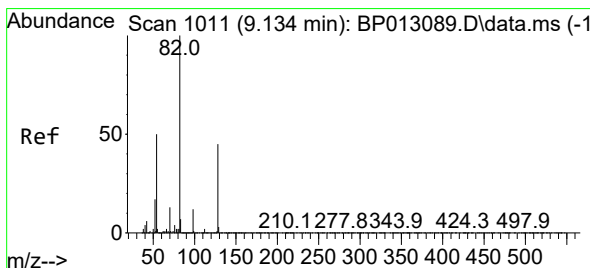
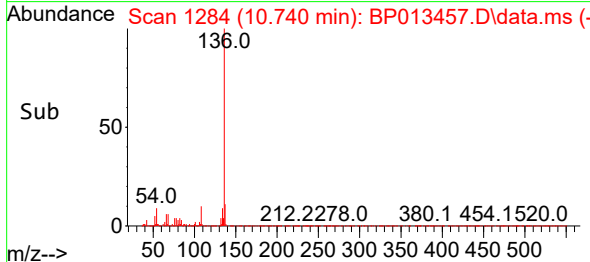
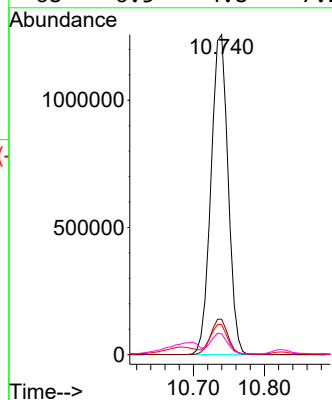
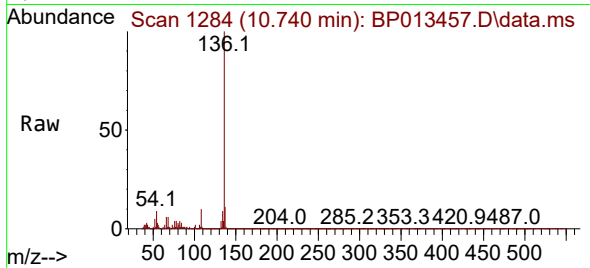




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.740 min Scan# 1004  
Delta R.T. 0.012 min  
Lab File: BP013457.D  
Acq: 11 Jan 2023 22:45

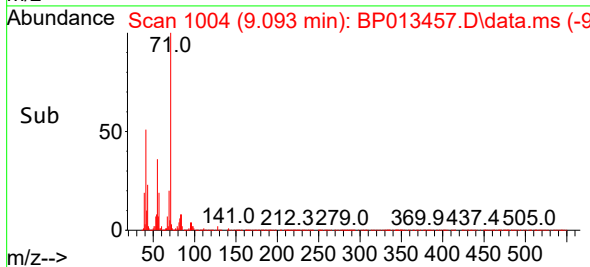
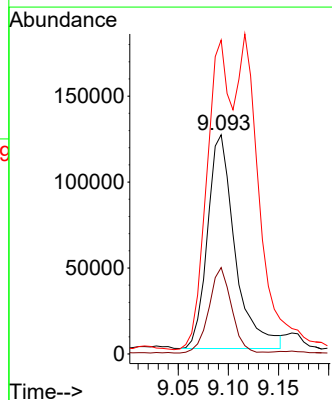
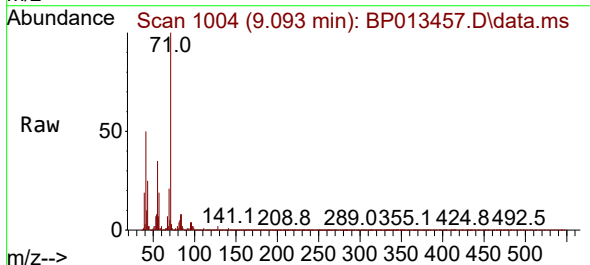
Instrument :  
BNA\_P  
ClientSampleId :  
S-14-02

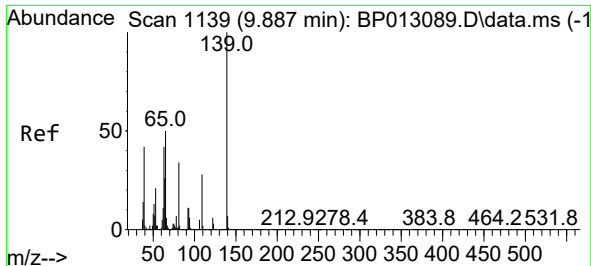
Tgt Ion:136 Resp: 2099009  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.7 13.1  
54 9.4 6.2 9.4#  
68 6.5 4.8 7.2



#23  
Nitrobenzene-d5  
Concen: 6.228 ng  
RT: 9.093 min Scan# 1004  
Delta R.T. 0.006 min  
Lab File: BP013457.D  
Acq: 11 Jan 2023 22:45

Tgt Ion: 82 Resp: 238466  
Ion Ratio Lower Upper  
82 100  
128 39.4 35.9 53.9  
54 143.3 40.4 60.6#

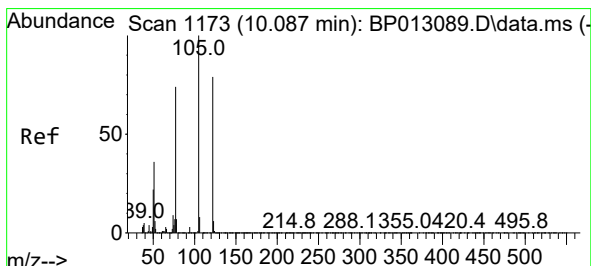
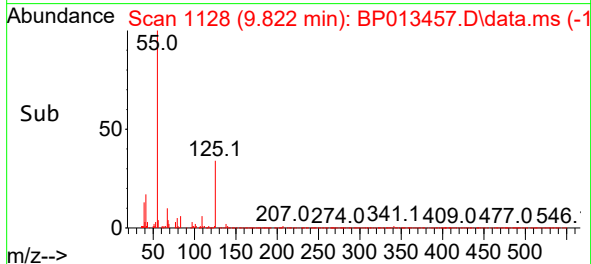
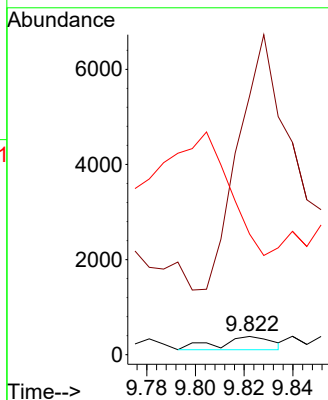
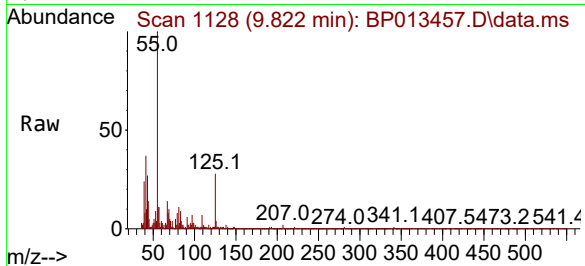




#26  
2-Nitrophenol  
Concen: 2.809 ng  
RT: 9.822 min Scan# 1139  
Delta R.T. -0.018 min  
Lab File: BP013457.D  
Acq: 11 Jan 2023 22:45

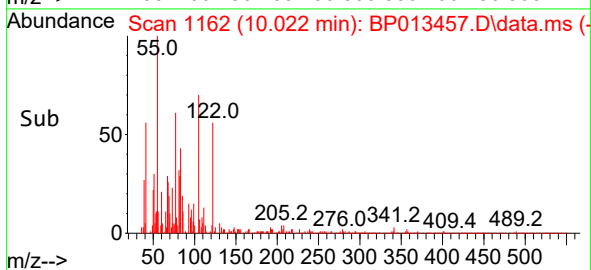
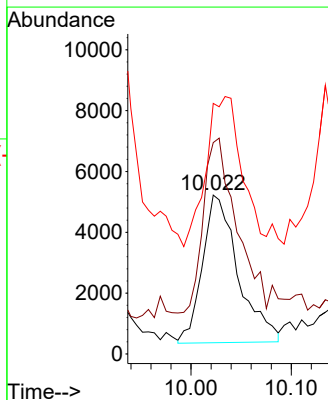
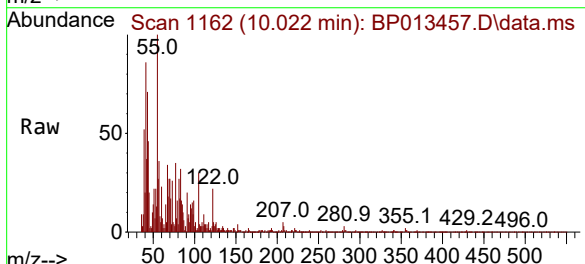
Instrument :  
BNA\_P  
ClientSampleId :  
S-14-02

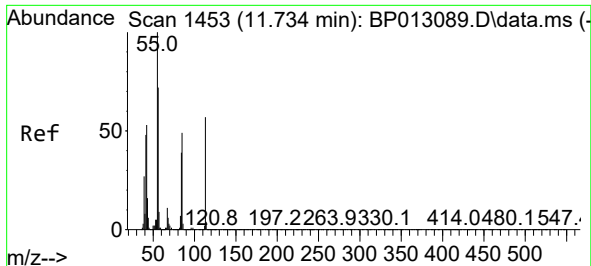
Tgt Ion:139 Resp: 425  
Ion Ratio Lower Upper  
139 100  
109 1415.9 22.5 33.7#  
65 660.9 39.9 59.9#



#32  
Benzoic acid  
Concen: 4.838 ng  
RT: 10.022 min Scan# 1162  
Delta R.T. -0.006 min  
Lab File: BP013457.D  
Acq: 11 Jan 2023 22:45

Tgt Ion:122 Resp: 12058  
Ion Ratio Lower Upper  
122 100  
105 133.0 101.9 141.9  
77 157.7 71.7 111.7#

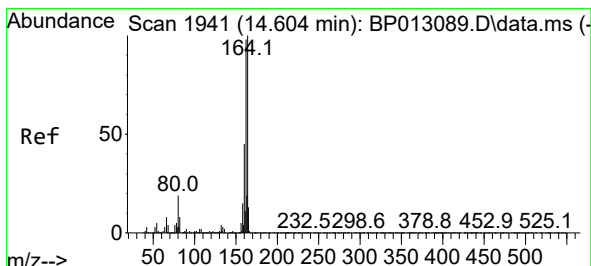
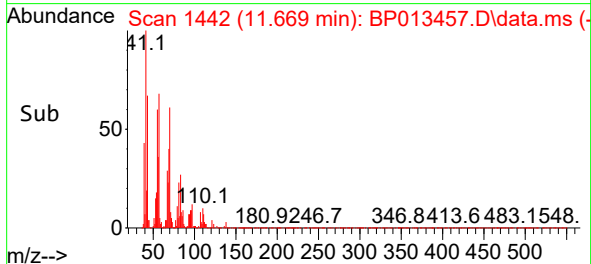
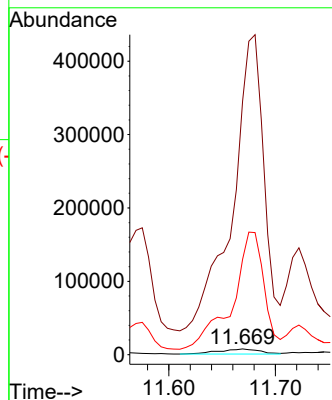
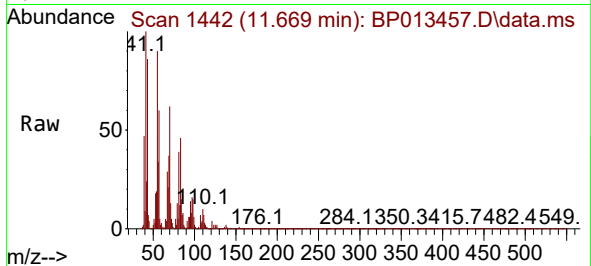




#35  
Caprolactam  
Concen: 2.095 ng  
RT: 11.669 min Scan# 1453  
Delta R.T. -0.018 min  
Lab File: BP013457.D  
Acq: 11 Jan 2023 22:45

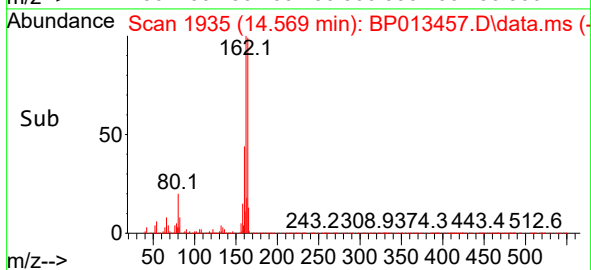
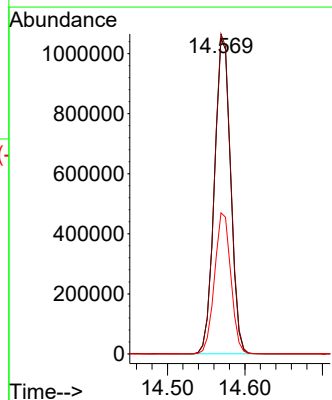
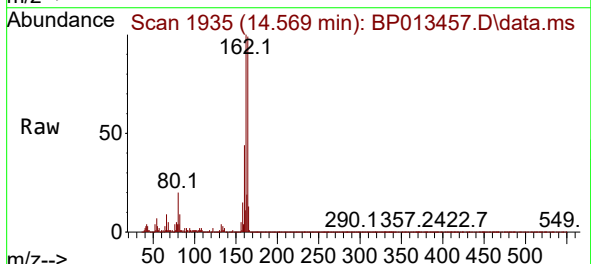
Instrument :  
BNA\_P  
ClientSampleId :  
S-14-02

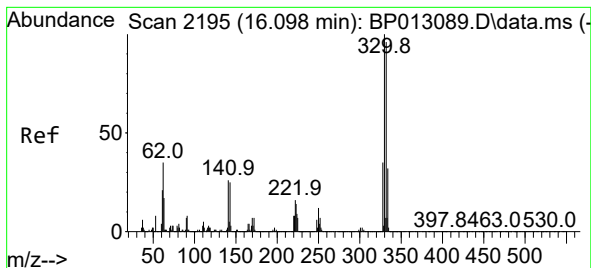
Tgt Ion:113 Resp: 18372  
Ion Ratio Lower Upper  
113 100  
55 4384.4 155.5 195.5#  
56 1647.4 106.7 146.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.569 min Scan# 1935  
Delta R.T. 0.006 min  
Lab File: BP013457.D  
Acq: 11 Jan 2023 22:45

Tgt Ion:164 Resp: 1525961  
Ion Ratio Lower Upper  
164 100  
162 101.3 78.8 118.2  
160 44.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 10.482 ng

RT: 16.063 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

Instrument :

BNA\_P

ClientSampleId :

S-14-02

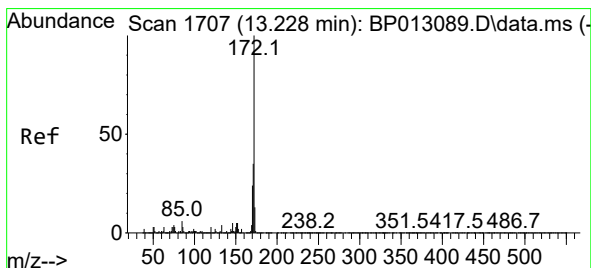
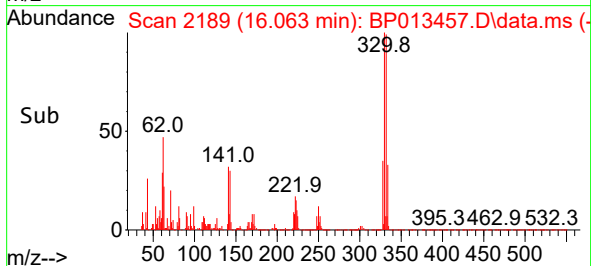
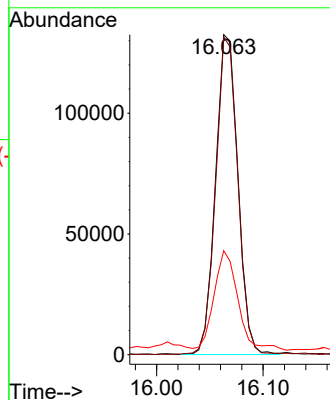
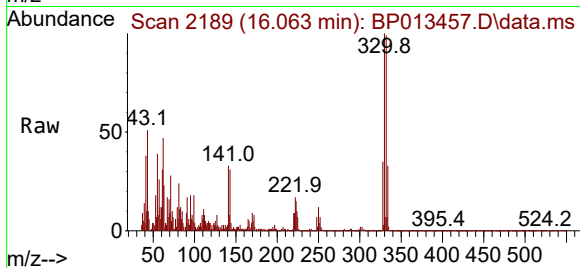
Tgt Ion:330 Resp: 192849

Ion Ratio Lower Upper

330 100

332 98.0 77.5 116.3

141 34.5 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 5.028 ng

RT: 13.193 min Scan# 1701

Delta R.T. 0.012 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

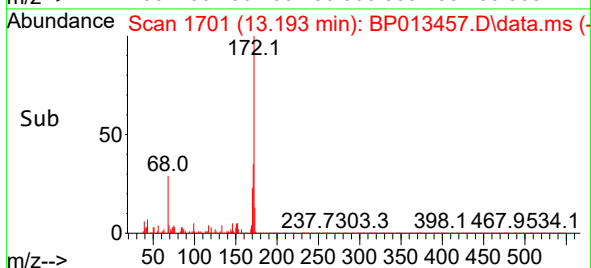
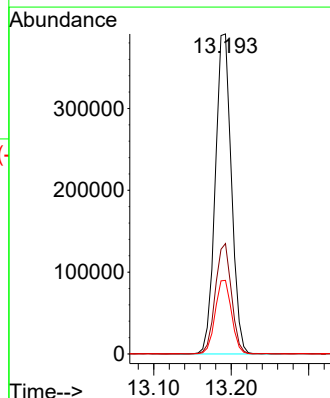
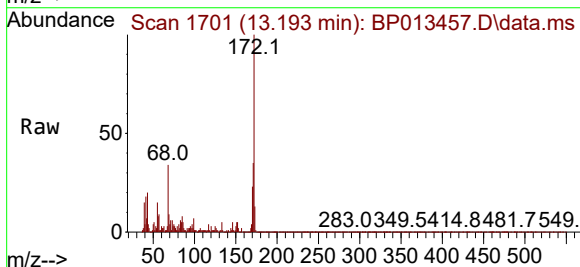
Tgt Ion:172 Resp: 565023

Ion Ratio Lower Upper

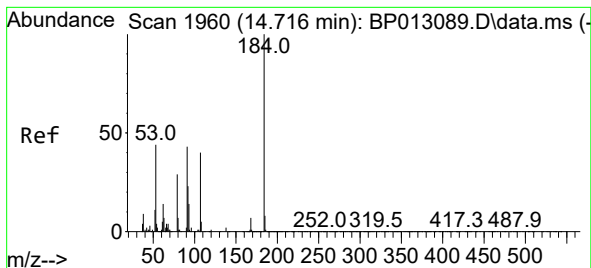
172 100

171 34.5 28.3 42.5

170 23.0 19.2 28.8







#54

2,4-Dinitrophenol

Concen: 3.617 ng

RT: 14.663 min Scan# 1951

Delta R.T. -0.018 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

Instrument :

BNA\_P

ClientSampleId :

S-14-02

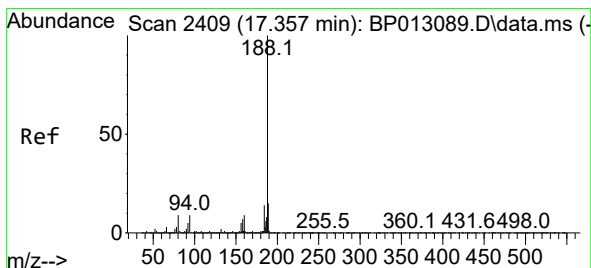
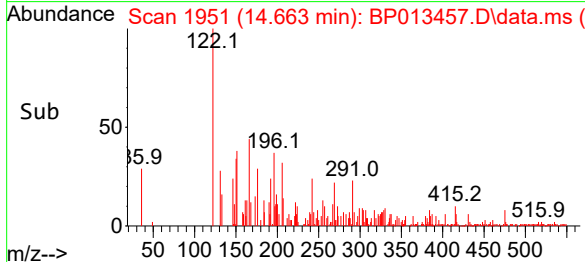
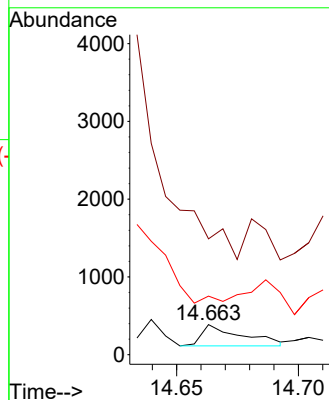
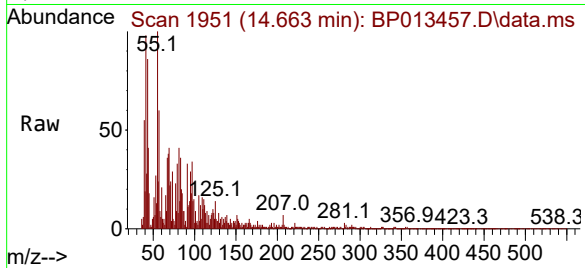
Tgt Ion:184 Resp: 315

Ion Ratio Lower Upper

184 100

63 384.3 47.6 71.4#

154 194.3 45.5 68.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.328 min Scan# 2404

Delta R.T. 0.012 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

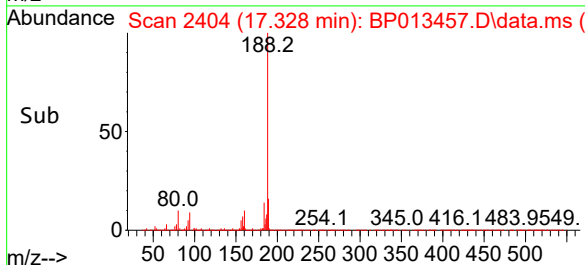
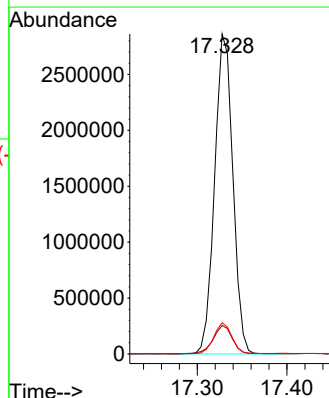
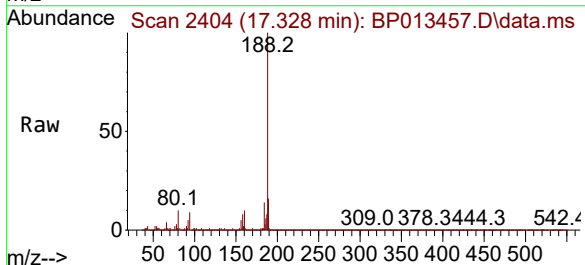
Tgt Ion:188 Resp: 4030152

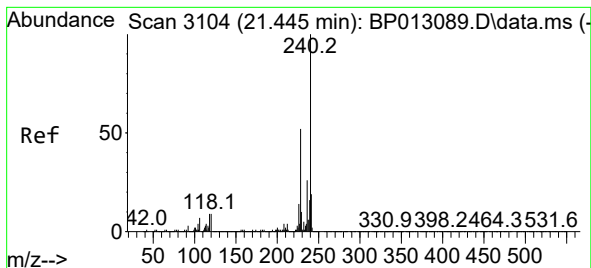
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.8 7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

Instrument :

BNA\_P

ClientSampleId :

S-14-02

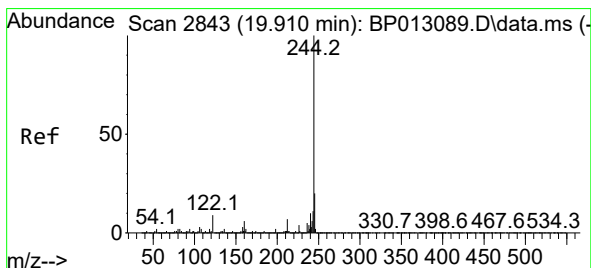
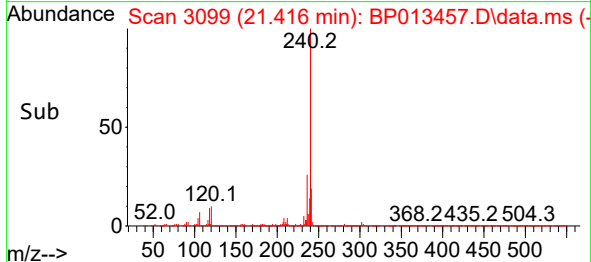
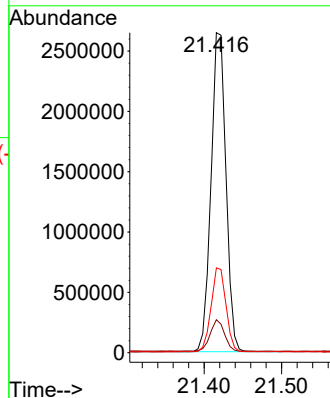
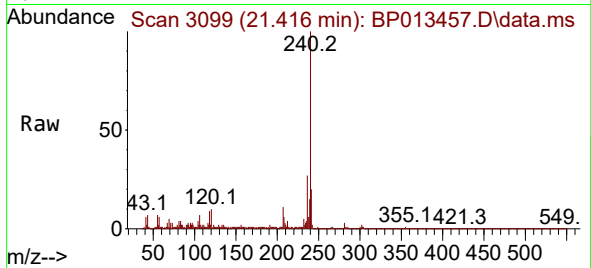
Tgt Ion:240 Resp: 3541319

Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.2

236 26.5 21.0 31.4



#79

Terphenyl-d14

Concen: 7.093 ng

RT: 19.880 min Scan# 2838

Delta R.T. 0.006 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

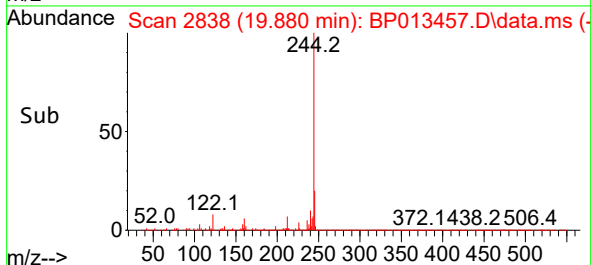
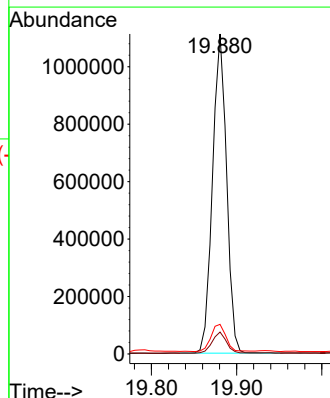
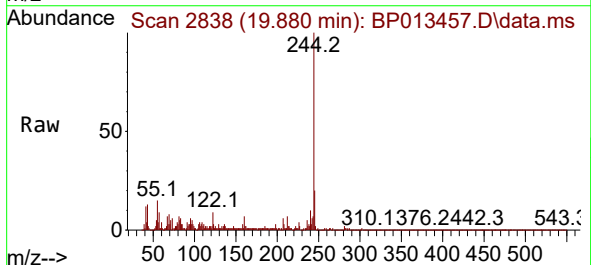
Tgt Ion:244 Resp: 1273164

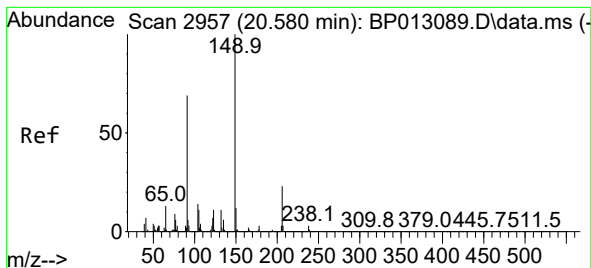
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.2 7.2 10.8





#80

Butylbenzylphthalate

Concen: 2.167 ng

RT: 20.545 min Scan# 2957

Delta R.T. 0.000 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

Instrument :

BNA\_P

ClientSampleId :

S-14-02

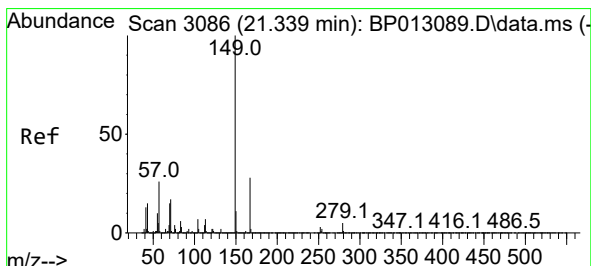
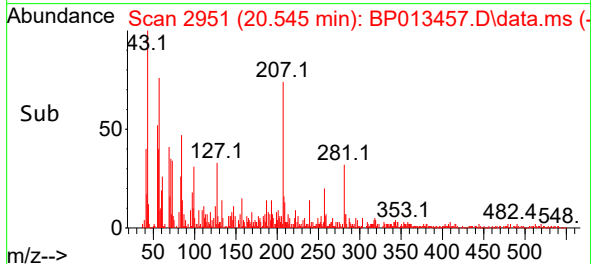
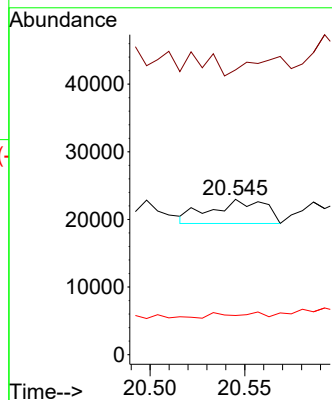
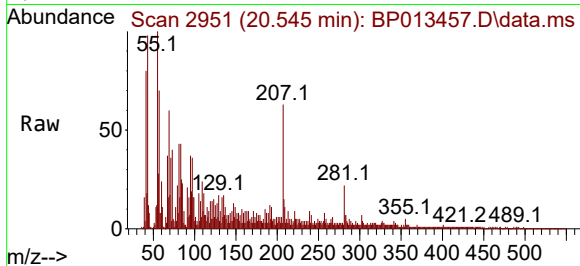
Tgt Ion:149 Resp: 7023

Ion Ratio Lower Upper

149 100

91 183.3 55.2 82.8#

206 25.2 18.3 27.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.984 ng

RT: 21.310 min Scan# 3081

Delta R.T. 0.006 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

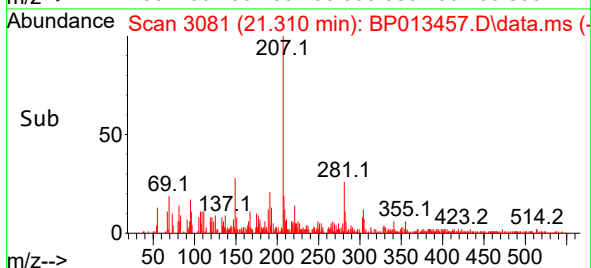
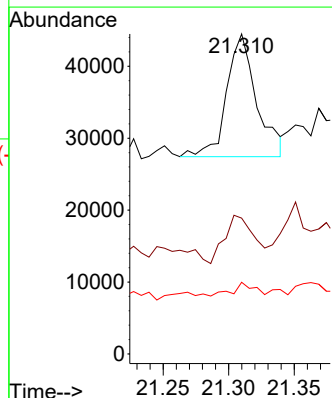
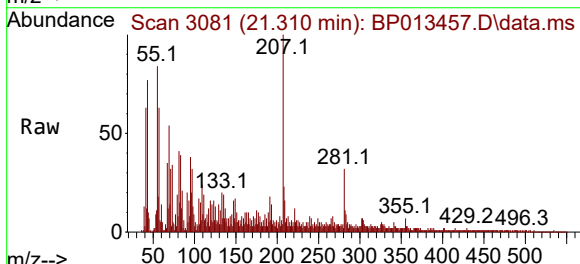
Tgt Ion:149 Resp: 27062

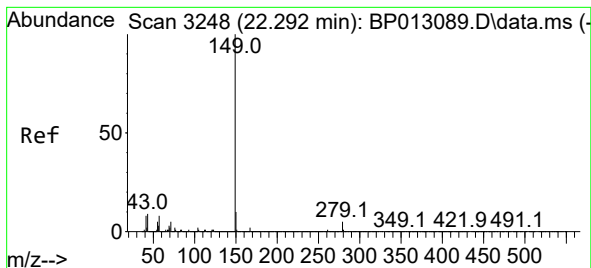
Ion Ratio Lower Upper

149 100

167 42.4 22.6 34.0#

279 22.4 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 2.229 ng

RT: 22.251 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

Instrument :

BNA\_P

ClientSampleId :

S-14-02

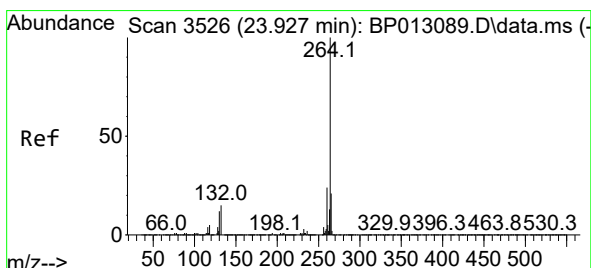
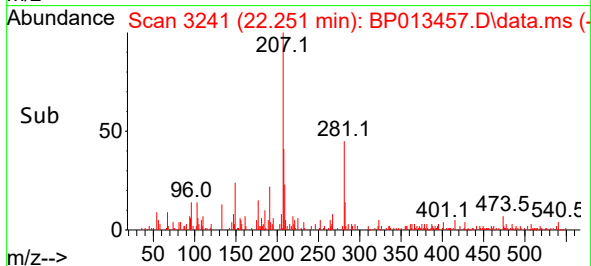
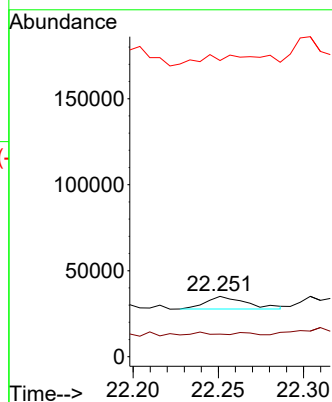
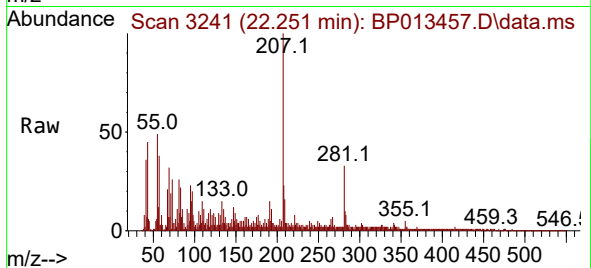
Tgt Ion:149 Resp: 12078

Ion Ratio Lower Upper

149 100

167 6.7 1.3 1.9#

43 0.0 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.886 min Scan# 3519

Delta R.T. 0.018 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

Tgt Ion:264 Resp: 2670522

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 22.9 17.7 26.5

