

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111222\  
 Data File : BP012627.D  
 Acq On : 12 Nov 2022 19:38  
 Operator : CG/JU  
 Sample : PB148907TB  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB148907TB

Quant Time: Nov 14 03:21:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 13 22:44:57 2022  
 Response via : Initial Calibration

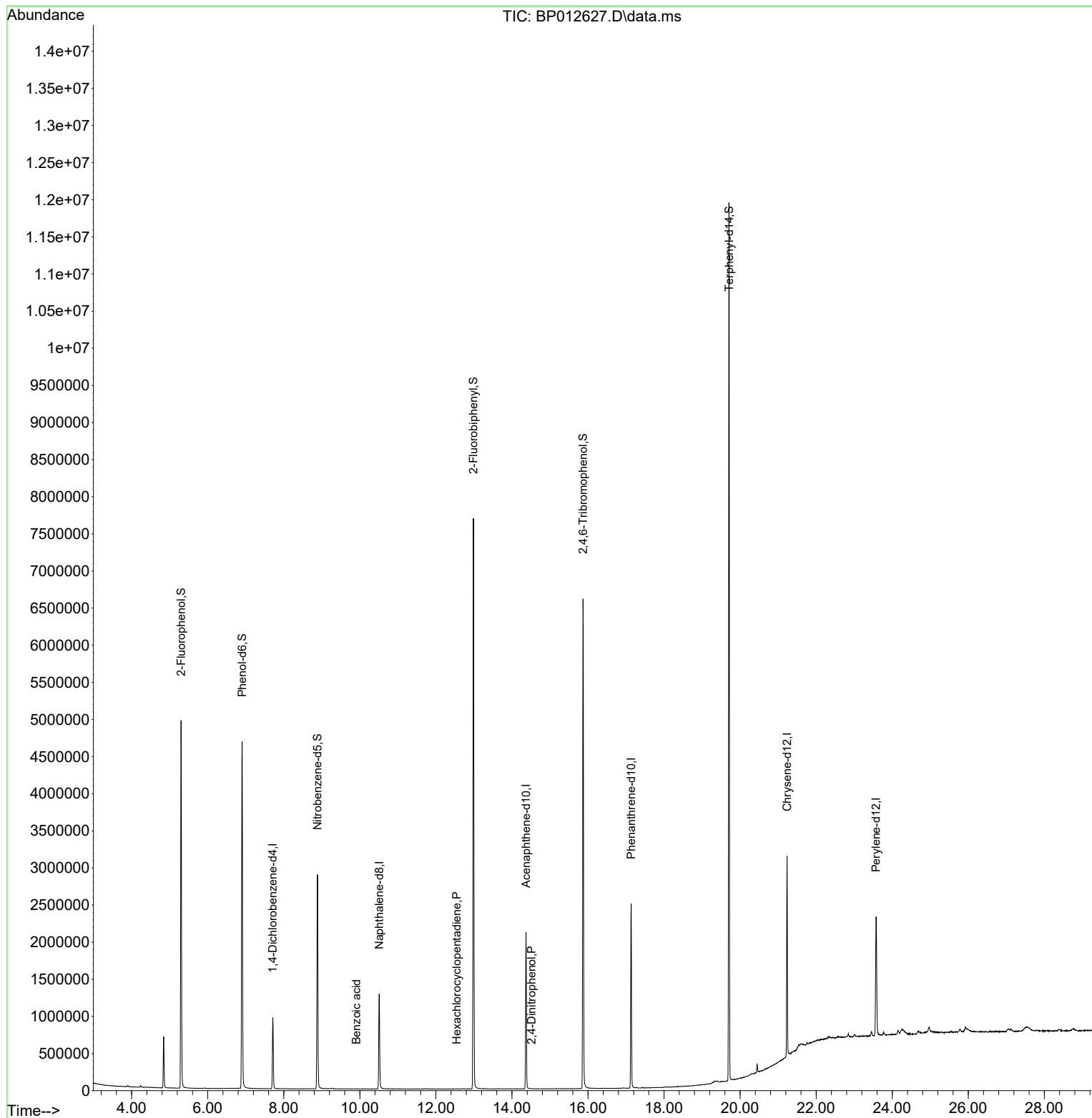
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.711  | 152  | 267502   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.510 | 136  | 1104894  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.369 | 164  | 713578   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.134 | 188  | 1505743  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.233 | 240  | 1290977  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 23.574 | 264  | 1191884  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.299  | 112  | 2225605  | 154.923 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.905  | 99   | 2878316  | 144.345 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.887  | 82   | 1754077  | 88.075  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.869 | 330  | 1424831  | 146.267 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 12.987 | 172  | 4100470  | 87.234  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.710 | 244  | 5950145  | 93.375  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 32) Benzoic acid              | 9.910  | 122  | 5        | 5.013   | ng    | # 1      |
| 41) Hexachlorocyclopentadiene | 12.546 | 237  | 38       | 5.155   | ng    | 85       |
| 54) 2,4-Dinitrophenol         | 14.516 | 184  | 5        | 4.841   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

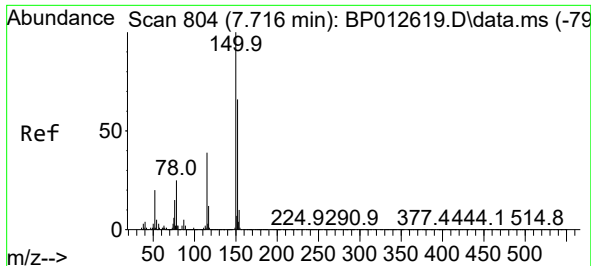
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111222\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111222.M  
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QLast Update : Sun Nov 13 22:44:57 2022  
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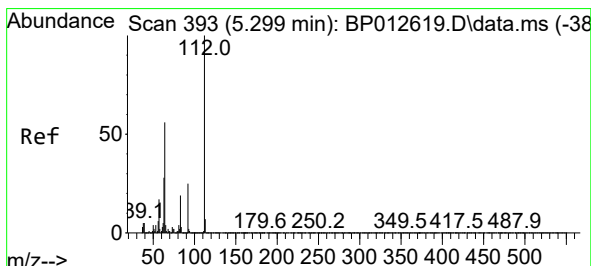
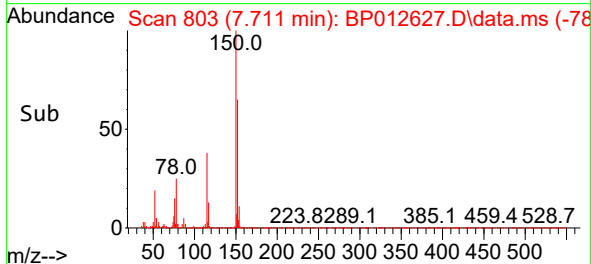
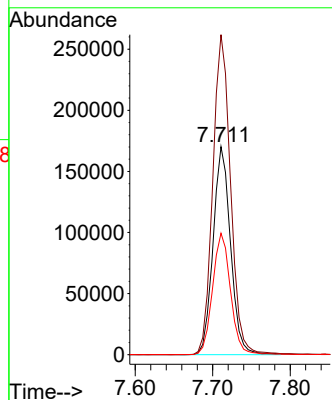
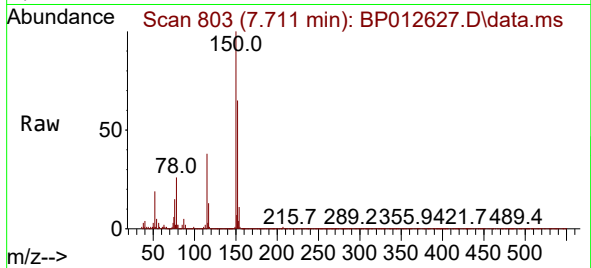




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.711 min Scan# 804  
Delta R.T. -0.005 min  
Lab File: BP012627.D  
Acq: 12 Nov 2022 19:38

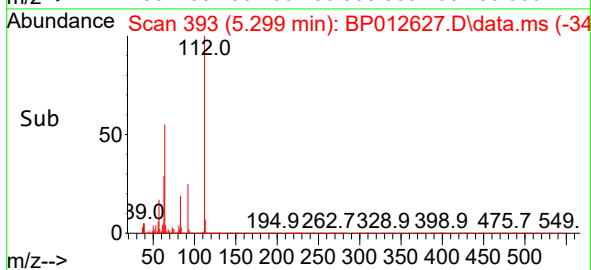
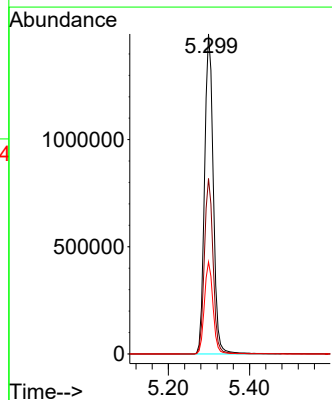
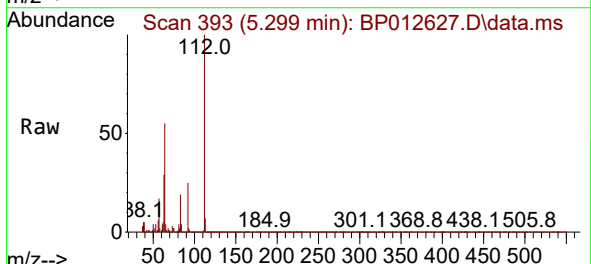
Instrument :  
BNA\_P  
ClientSampleId :  
PB148907TB

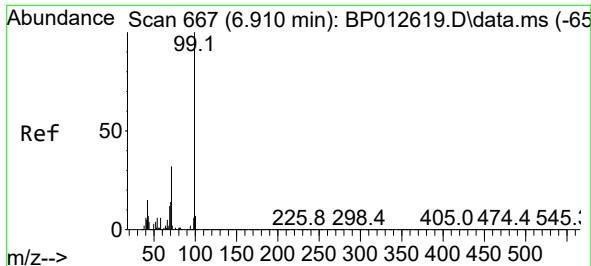
Tgt Ion:152 Resp: 267502  
Ion Ratio Lower Upper  
152 100  
150 153.9 122.1 183.1  
115 58.4 47.3 70.9



#5  
2-Fluorophenol  
Concen: 154.923 ng  
RT: 5.299 min Scan# 393  
Delta R.T. -0.000 min  
Lab File: BP012627.D  
Acq: 12 Nov 2022 19:38

Tgt Ion:112 Resp: 2225605  
Ion Ratio Lower Upper  
112 100  
64 54.8 44.6 67.0  
63 28.8 22.8 34.2

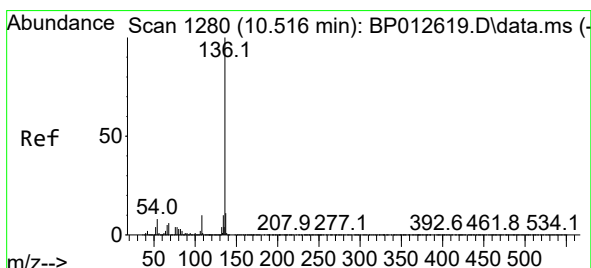
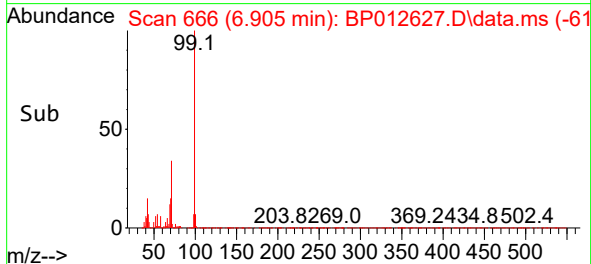
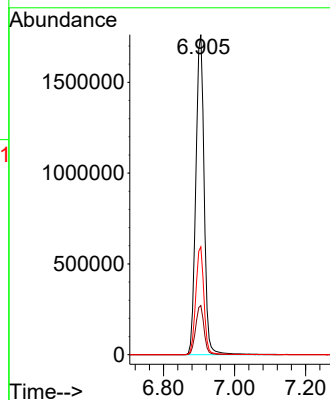
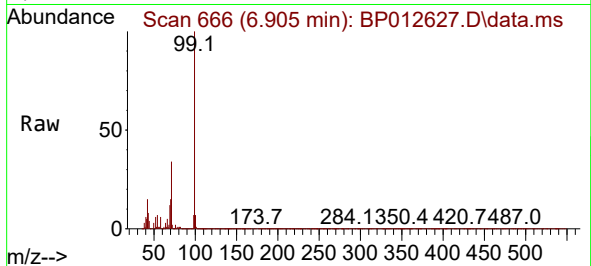




#7  
Phenol-d6  
Concen: 144.345 ng  
RT: 6.905 min Scan# 60  
Delta R.T. -0.005 min  
Lab File: BP012627.D  
Acq: 12 Nov 2022 19:38

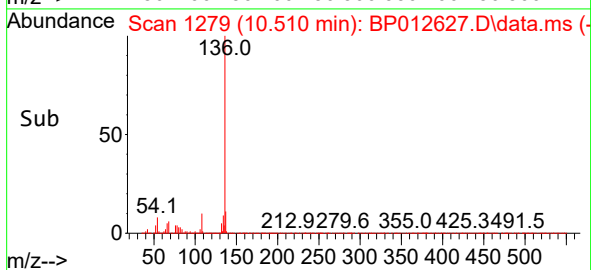
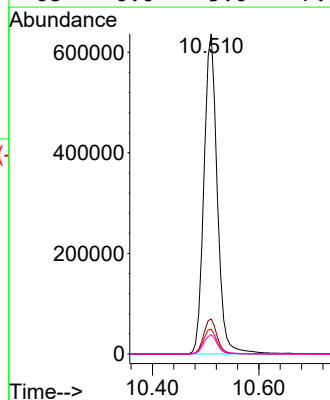
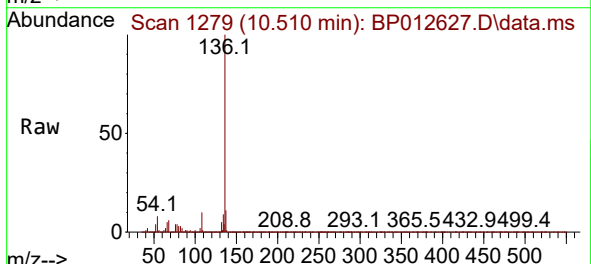
Instrument :  
BNA\_P  
ClientSampleId :  
PB148907TB

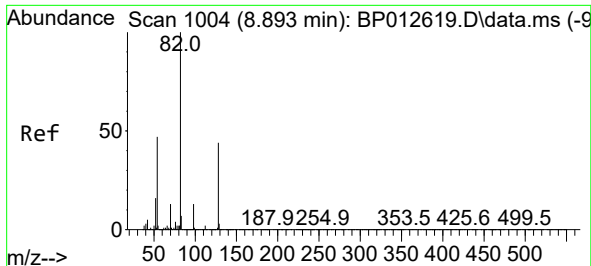
Tgt Ion: 99 Resp: 2878316  
Ion Ratio Lower Upper  
99 100  
42 15.4 12.2 18.2  
71 33.7 26.0 39.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.510 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BP012627.D  
Acq: 12 Nov 2022 19:38

Tgt Ion: 136 Resp: 1104894  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.6  
54 7.8 6.4 9.6  
68 6.0 5.0 7.6

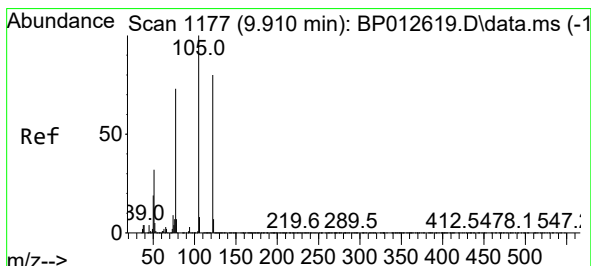
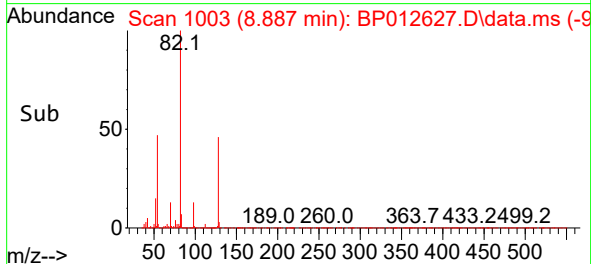
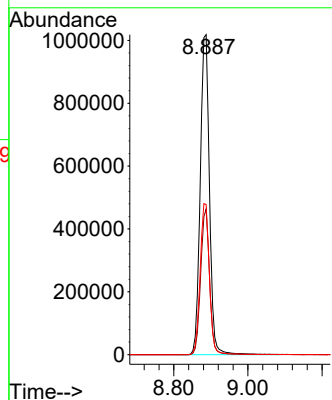
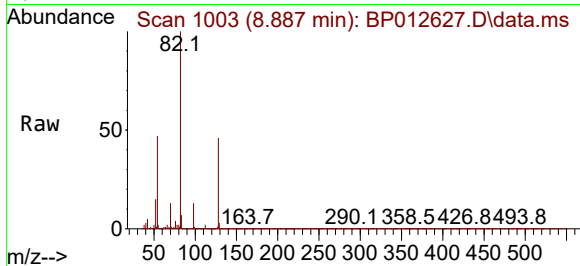




#23  
Nitrobenzene-d5  
Concen: 88.075 ng  
RT: 8.887 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: BP012627.D  
Acq: 12 Nov 2022 19:38

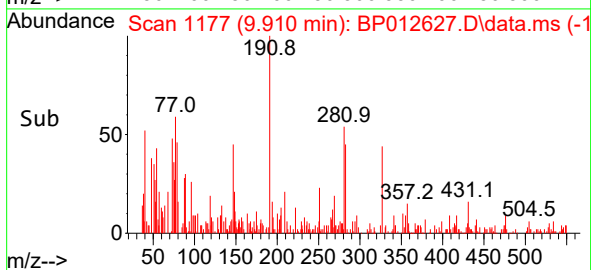
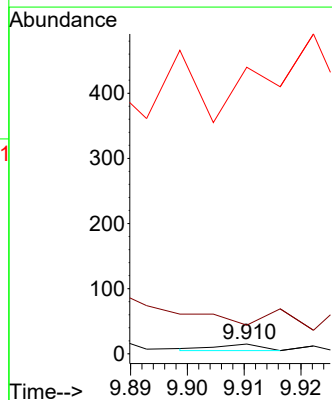
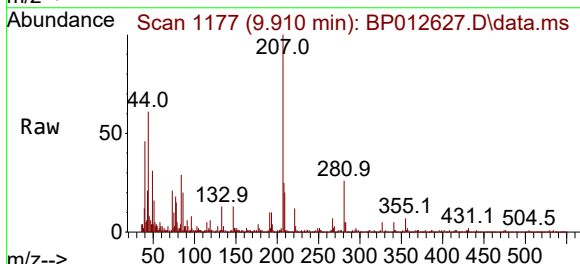
Instrument :  
BNA\_P  
ClientSampleId :  
PB148907TB

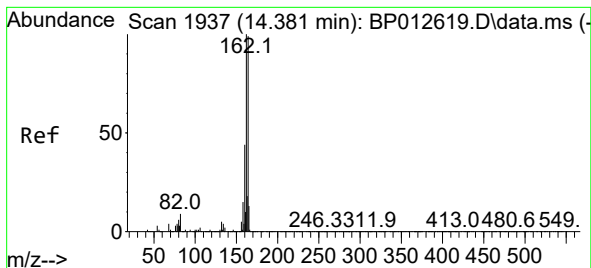
Tgt Ion: 82 Resp: 1754077  
Ion Ratio Lower Upper  
82 100  
128 45.5 35.4 53.2  
54 46.9 37.8 56.6



#32  
Benzoic acid  
Concen: 5.013 ng  
RT: 9.910 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BP012627.D  
Acq: 12 Nov 2022 19:38

Tgt Ion:122 Resp: 5  
Ion Ratio Lower Upper  
122 100  
105 293.3 102.2 142.2#  
77 2933.3 70.7 110.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.369 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BP012627.D

Acq: 12 Nov 2022 19:38

Instrument :

BNA\_P

ClientSampleId :

PB148907TB

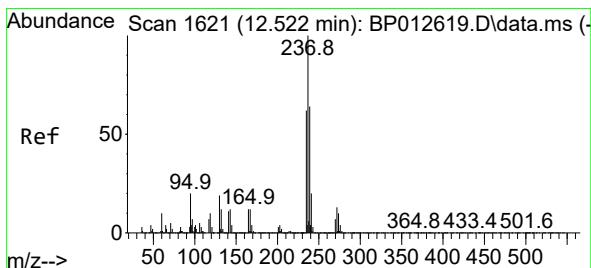
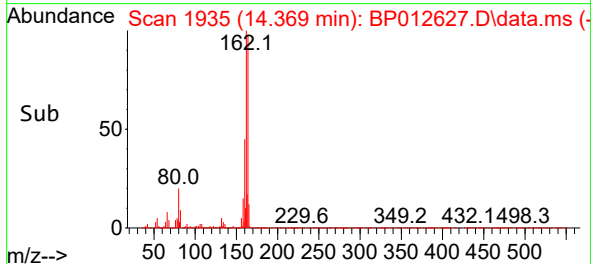
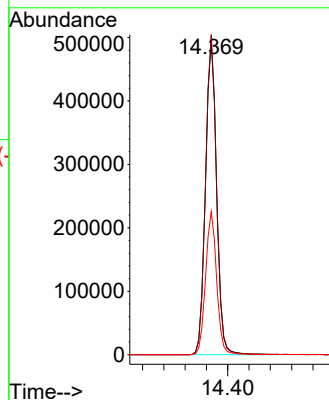
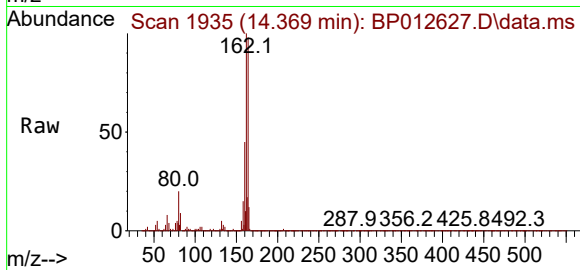
Tgt Ion:164 Resp: 713578

Ion Ratio Lower Upper

164 100

162 102.2 81.0 121.6

160 45.7 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 5.155 ng

RT: 12.546 min Scan# 1625

Delta R.T. 0.024 min

Lab File: BP012627.D

Acq: 12 Nov 2022 19:38

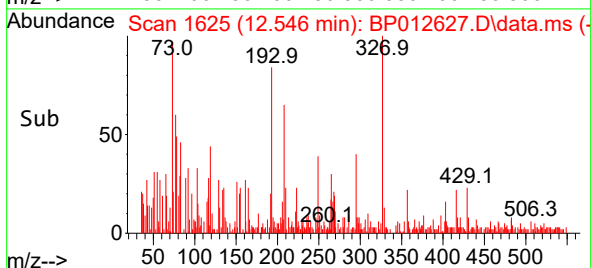
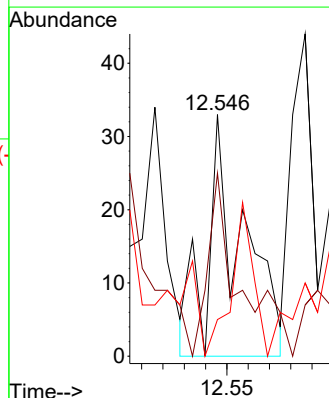
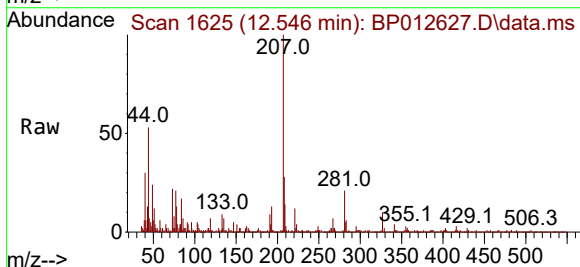
Tgt Ion:237 Resp: 38

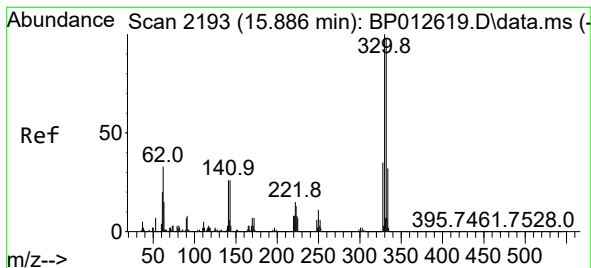
Ion Ratio Lower Upper

237 100

235 75.8 42.1 82.1

272 15.2 0.0 33.2





#42

2,4,6-Tribromophenol

Concen: 146.267 ng

RT: 15.869 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP012627.D

Acq: 12 Nov 2022 19:38

Instrument :

BNA\_P

ClientSampleId :

PB148907TB

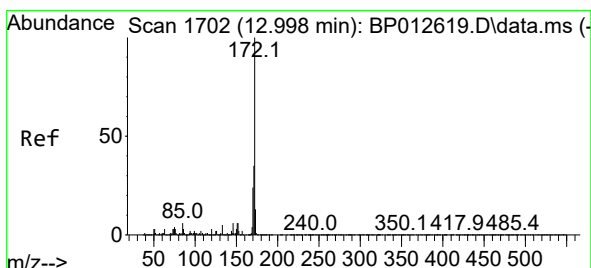
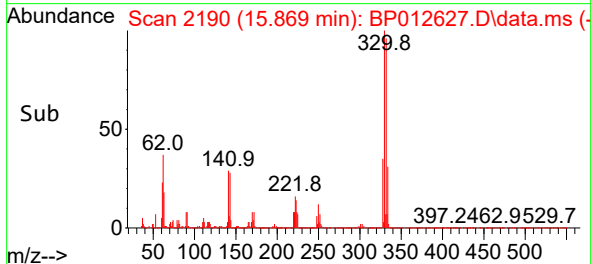
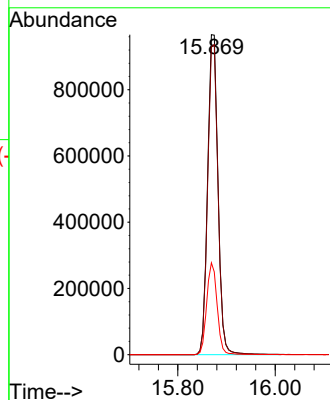
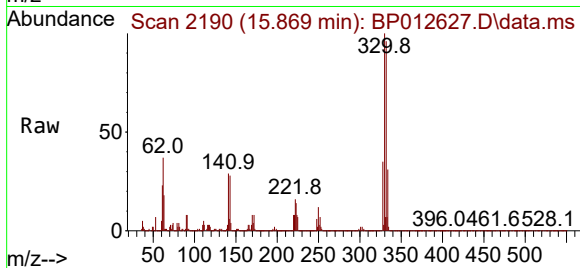
Tgt Ion:330 Resp: 1424831

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 29.0 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 87.234 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.011 min

Lab File: BP012627.D

Acq: 12 Nov 2022 19:38

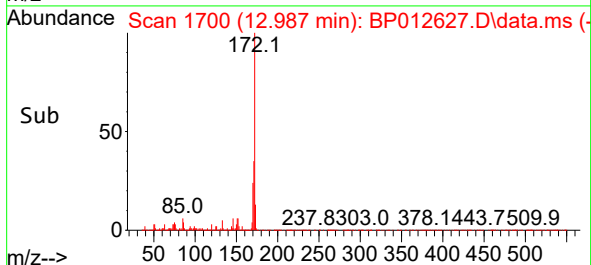
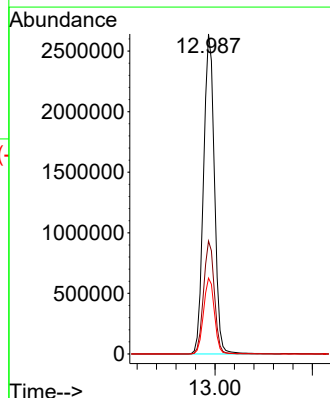
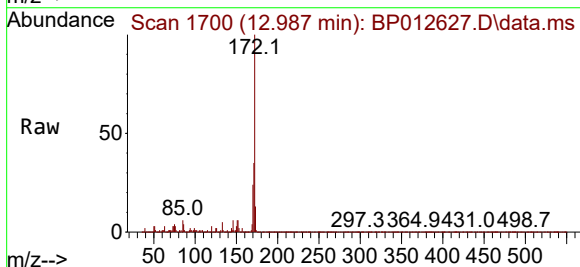
Tgt Ion:172 Resp: 4100470

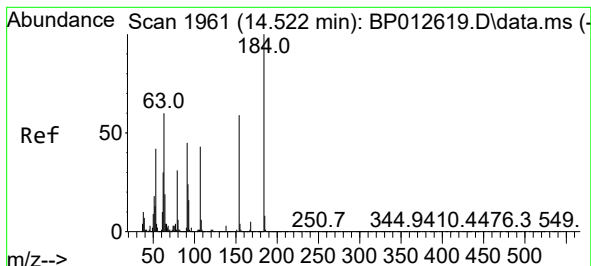
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.7 19.0 28.6





#54

2,4-Dinitrophenol

Concen: 4.841 ng

RT: 14.516 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BP012627.D

Acq: 12 Nov 2022 19:38

Instrument :

BNA\_P

ClientSampleId :

PB148907TB

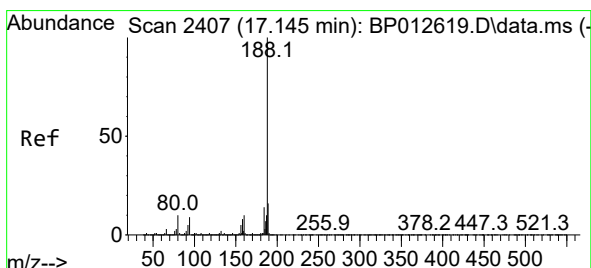
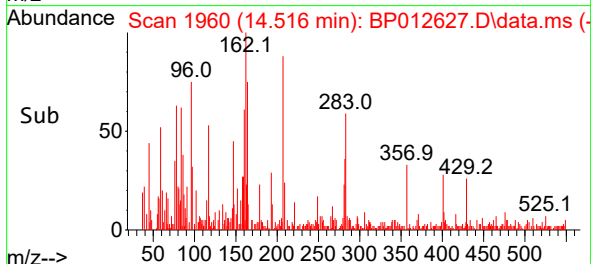
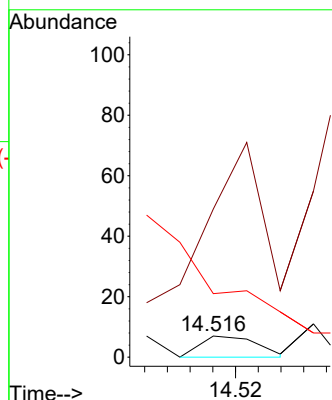
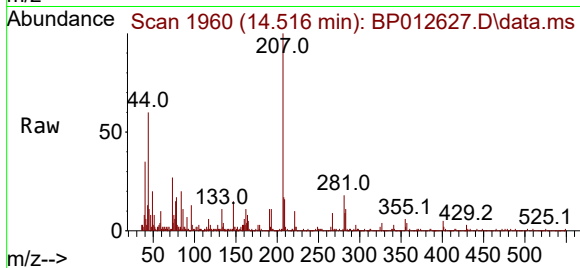
Tgt Ion:184 Resp: 5

Ion Ratio Lower Upper

184 100

63 700.0 48.5 72.7#

154 300.0 49.4 74.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.134 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BP012627.D

Acq: 12 Nov 2022 19:38

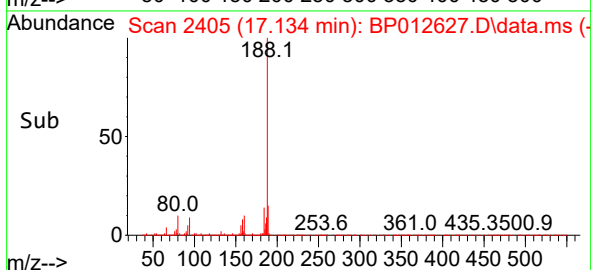
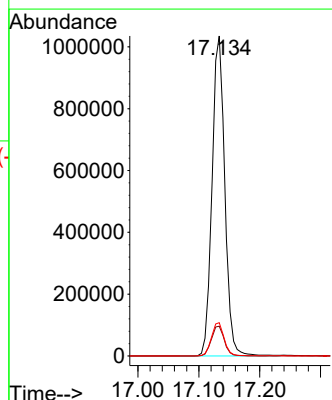
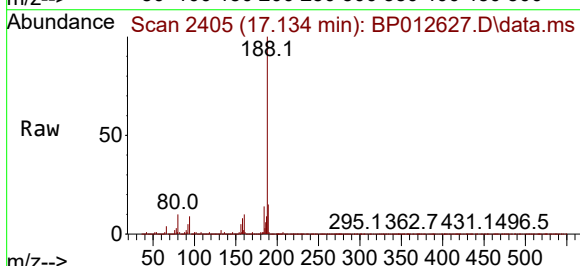
Tgt Ion:188 Resp: 1505743

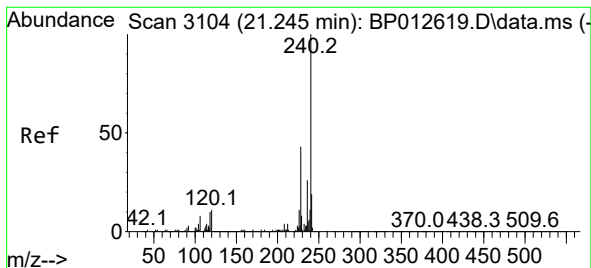
Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 10.4 8.2 12.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.233 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP012627.D

Acq: 12 Nov 2022 19:38

Instrument :

BNA\_P

ClientSampleId :

PB148907TB

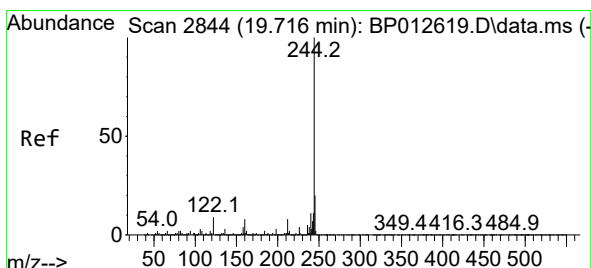
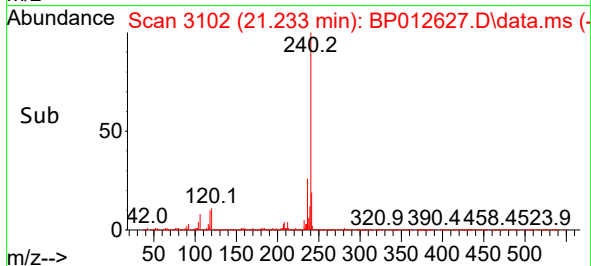
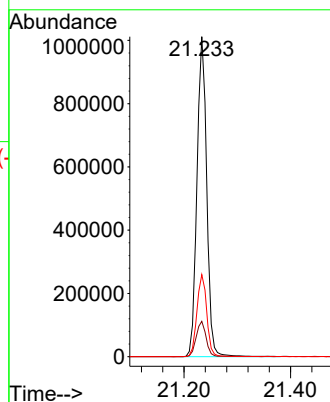
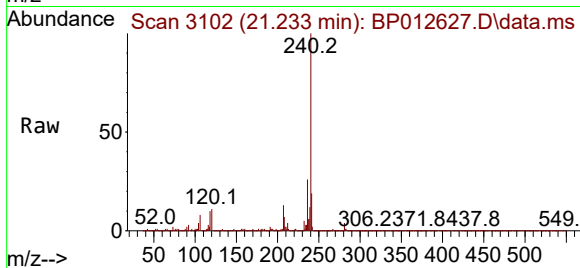
Tgt Ion:240 Resp: 1290977

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

236 25.6 20.8 31.2



#79

Terphenyl-d14

Concen: 93.375 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP012627.D

Acq: 12 Nov 2022 19:38

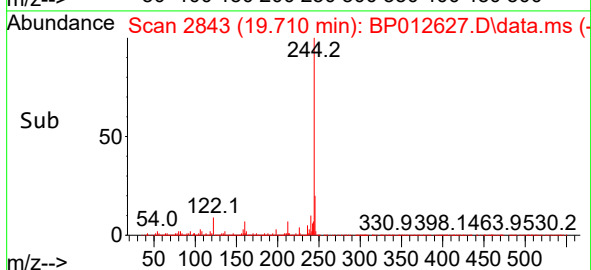
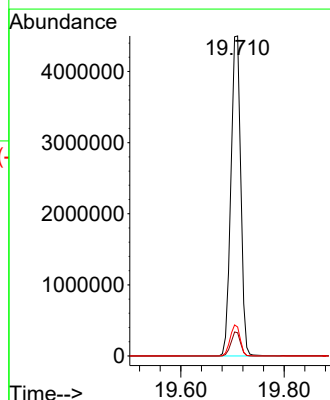
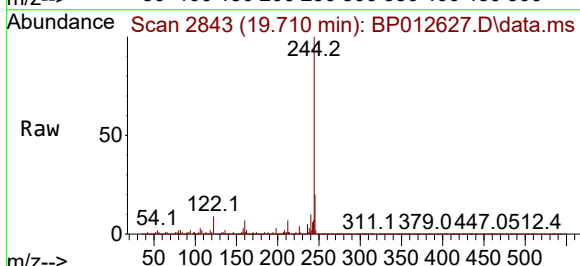
Tgt Ion:244 Resp: 5950145

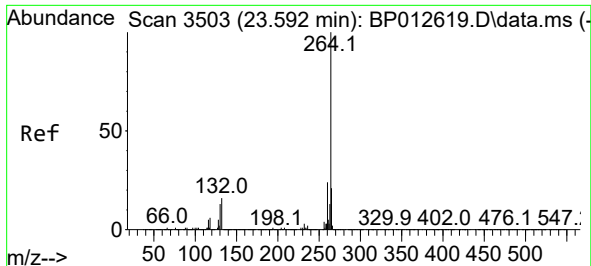
Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 9.0 7.0 10.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.574 min Scan# 31  
 Delta R.T. -0.017 min  
 Lab File: BP012627.D  
 Acq: 12 Nov 2022 19:38

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB148907TB

Tgt Ion:264 Resp: 1191884  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.9 28.3  
 265 22.1 17.8 26.8

