

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080223\  
 Data File : BP016478.D  
 Acq On : 02 Aug 2023 20:27  
 Operator : MA/JU  
 Sample : 03598-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Aug 02 21:49:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

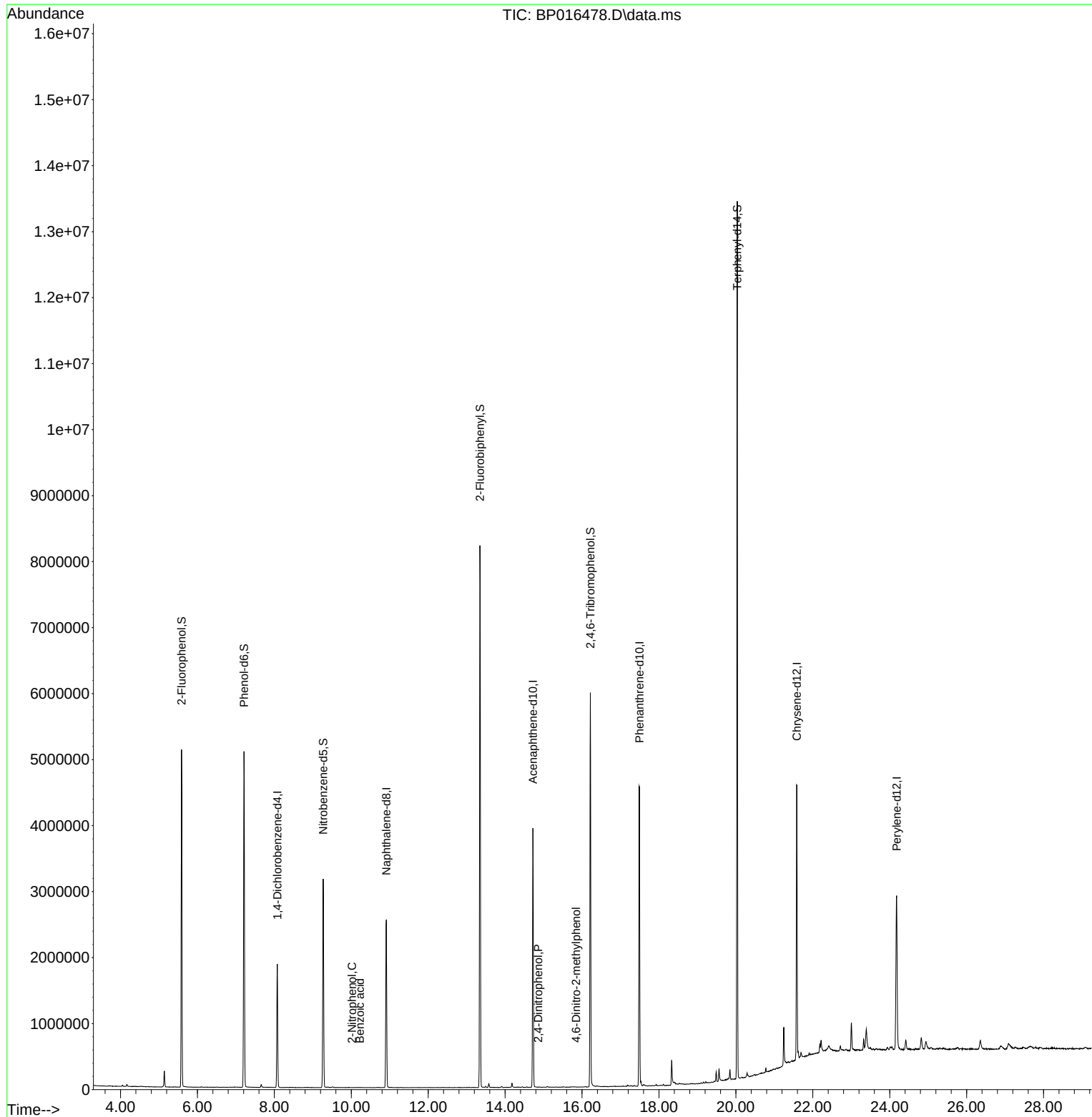
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.075  | 152  | 496608   | 20.000    | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.910 | 136  | 2087239  | 20.000    | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.722 | 164  | 1260757  | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.492 | 188  | 2685204  | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.586 | 240  | 1973837  | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 24.180 | 264  | 1864523  | 20.000    | ng    | -0.01    |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 2255695  | 74.102    | ng    | -0.02    |
| 7) Phenol-d6                  | 7.210  | 99   | 3034026  | 72.717    | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 9.269  | 82   | 1784115  | 47.849    | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 16.216 | 330  | 1046953  | 56.447    | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.345 | 172  | 4164152  | 47.353    | ng    | -0.02    |
| 79) Terphenyl-d14             | 20.033 | 244  | 5874357  | 62.868    | ng    | -0.01    |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.216  | 77   | 6089     | Below Cal | #     | 6        |
| 26) 2-Nitrophenol             | 10.016 | 139  | 10       | 3.126     | ng    | # 1      |
| 32) Benzoic acid              | 10.222 | 122  | 366      | 6.300     | ng    | # 1      |
| 54) 2,4-Dinitrophenol         | 14.863 | 184  | 21       | 8.004     | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 15.845 | 198  | 20       | 6.303     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

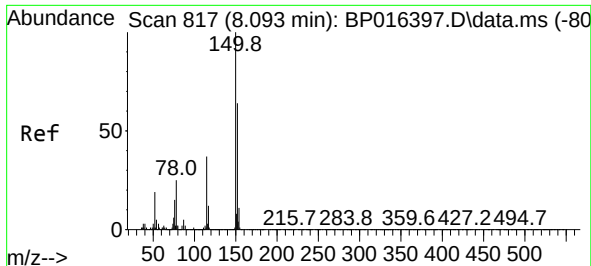
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080223\  
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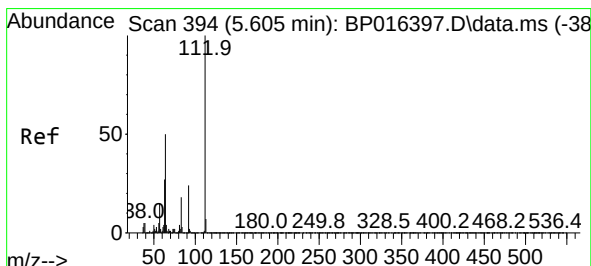
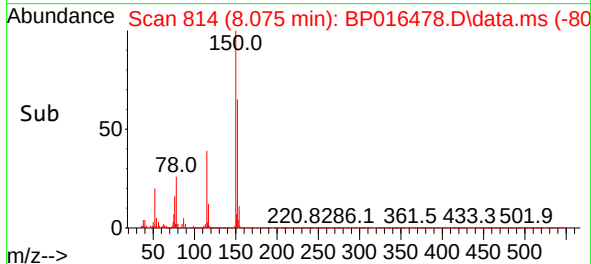
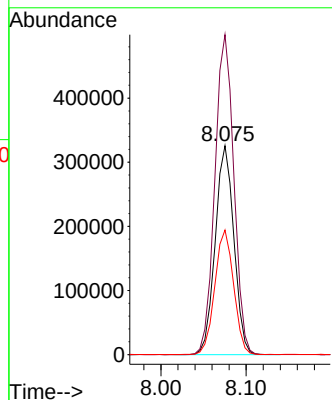
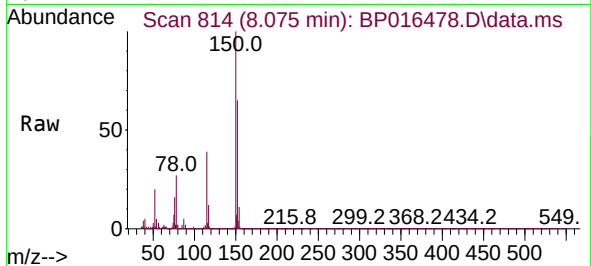




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.075 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP016478.D  
Acq: 02 Aug 2023 20:27

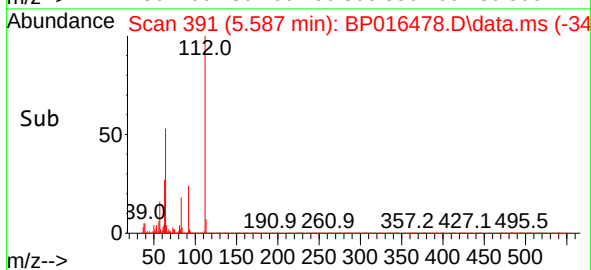
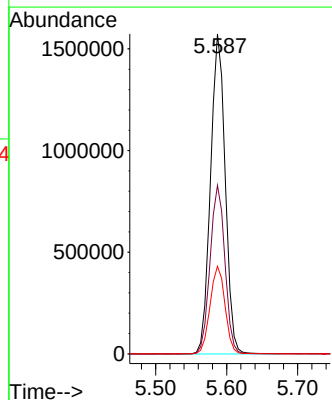
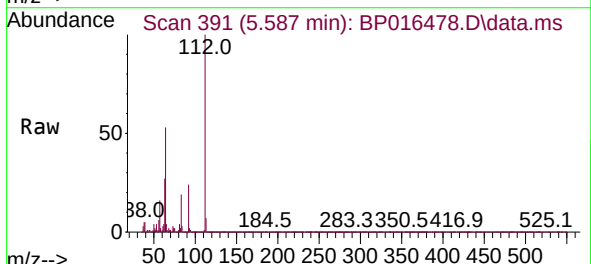
Instrument :  
BNA\_P  
ClientSampleId :

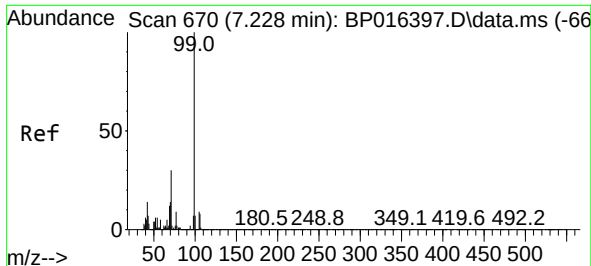
Tgt Ion:152 Resp: 496608  
Ion Ratio Lower Upper  
152 100  
150 153.2 124.9 187.3  
115 59.6 46.8 70.2



#5  
2-Fluorophenol  
Concen: 74.102 ng  
RT: 5.587 min Scan# 391  
Delta R.T. -0.018 min  
Lab File: BP016478.D  
Acq: 02 Aug 2023 20:27

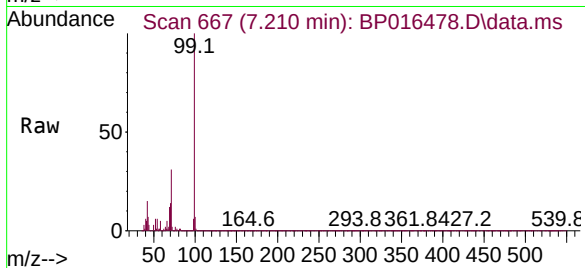
Tgt Ion:112 Resp: 2255695  
Ion Ratio Lower Upper  
112 100  
64 52.7 40.0 60.0  
63 27.4 21.2 31.8



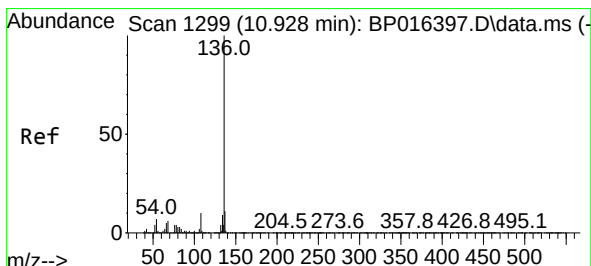
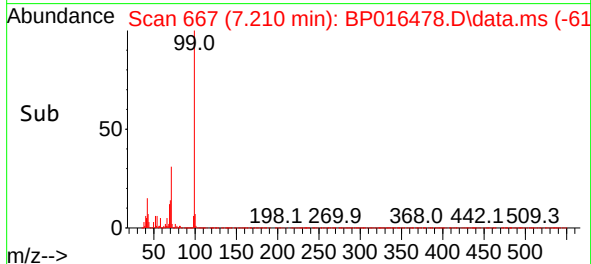
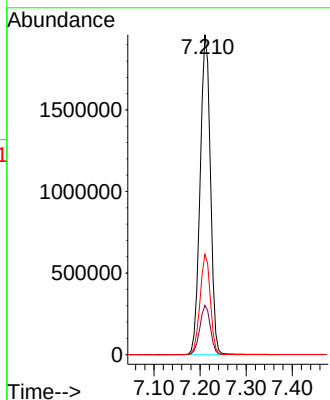


#7  
Phenol-d6  
Concen: 72.717 ng  
RT: 7.210 min Scan# 60  
Delta R.T. -0.018 min  
Lab File: BP016478.D  
Acq: 02 Aug 2023 20:27

Instrument :  
BNA\_P  
ClientSampleId :

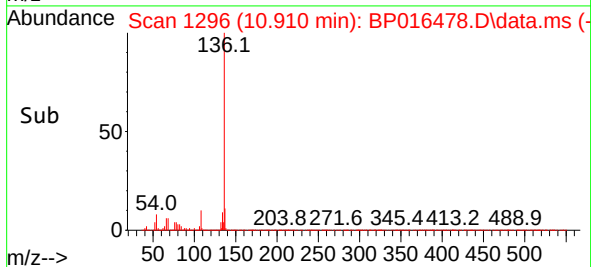
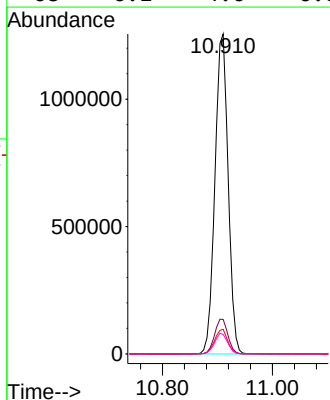
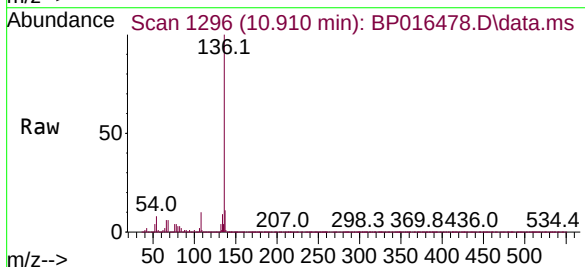


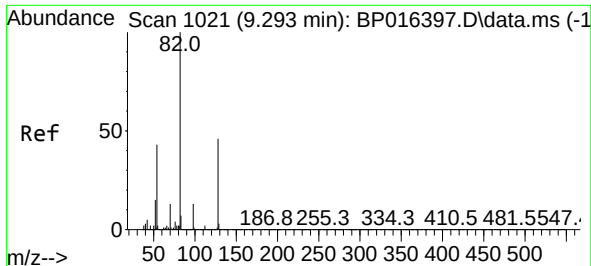
Tgt Ion: 99 Resp: 3034026  
Ion Ratio Lower Upper  
99 100  
42 15.4 11.6 17.4  
71 31.3 24.3 36.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.910 min Scan# 1296  
Delta R.T. -0.018 min  
Lab File: BP016478.D  
Acq: 02 Aug 2023 20:27

Tgt Ion: 136 Resp: 2087239  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 7.7 5.6 8.4  
68 6.1 4.6 6.8

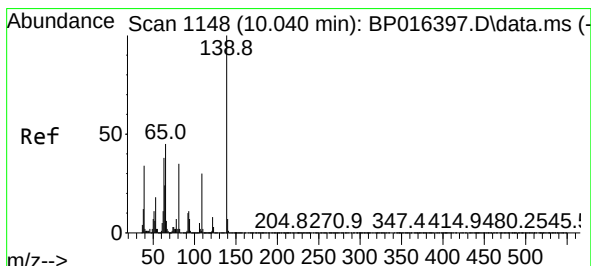
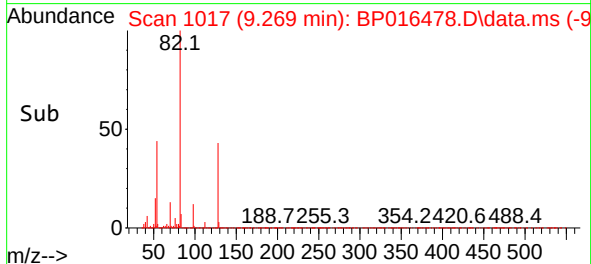
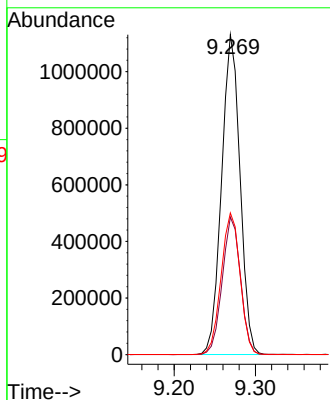
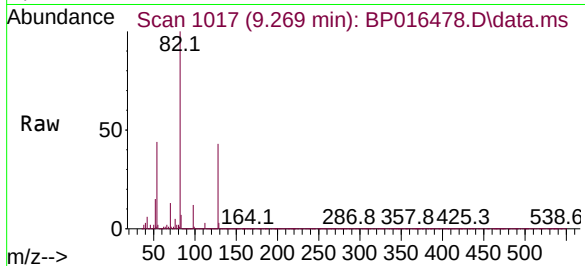




#23  
Nitrobenzene-d5  
Concen: 47.849 ng  
RT: 9.269 min Scan# 10  
Delta R.T. -0.024 min  
Lab File: BP016478.D  
Acq: 02 Aug 2023 20:27

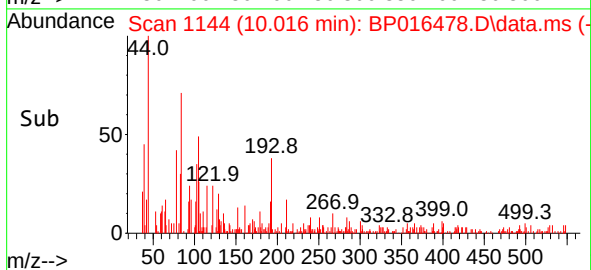
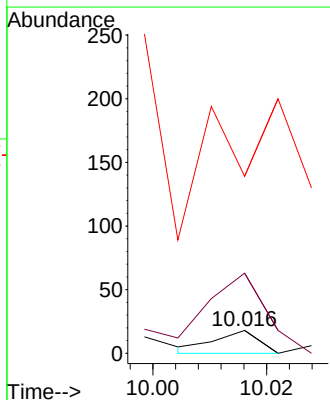
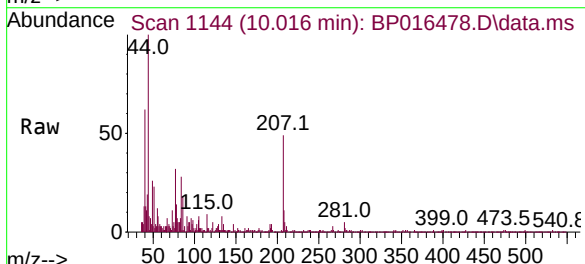
Instrument :  
BNA\_P  
ClientSampleId :

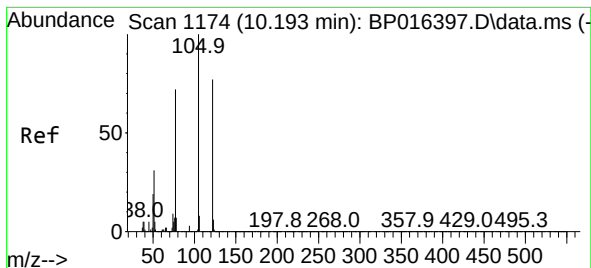
Tgt Ion: 82 Resp: 1784115  
Ion Ratio Lower Upper  
82 100  
128 43.0 36.6 55.0  
54 44.3 34.5 51.7



#26  
2-Nitrophenol  
Concen: 3.126 ng  
RT: 10.016 min Scan# 1144  
Delta R.T. -0.024 min  
Lab File: BP016478.D  
Acq: 02 Aug 2023 20:27

Tgt Ion: 139 Resp: 10  
Ion Ratio Lower Upper  
139 100  
109 350.0 24.2 36.4#  
65 772.2 35.8 53.6#





#32

Benzoic acid

Concen: 6.300 ng

RT: 10.222 min Scan# 1174

Delta R.T. 0.029 min

Lab File: BP016478.D

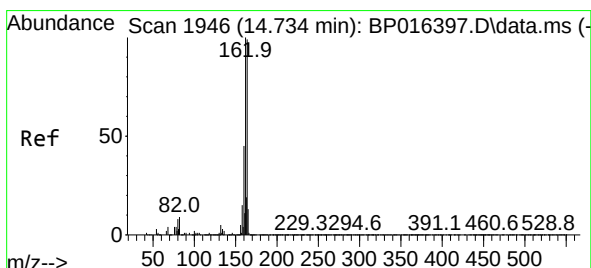
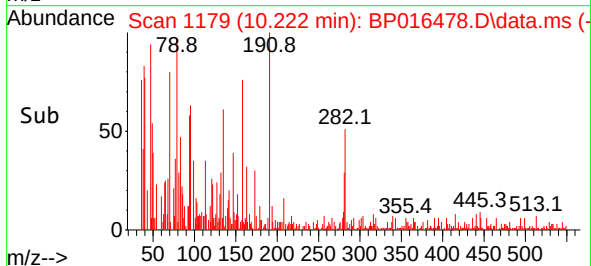
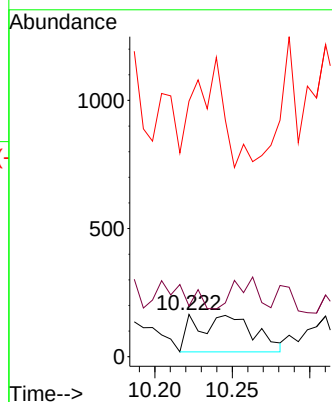
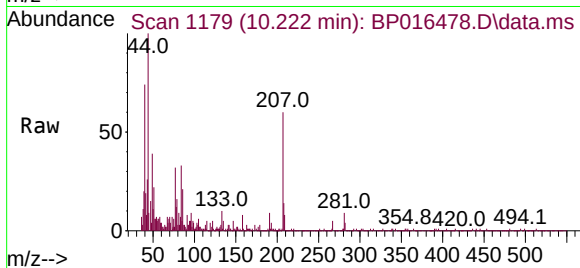
Acq: 02 Aug 2023 20:27

Instrument :

BNA\_P

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 366    |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 120.0 | 105.2 | 145.2  |
| 77       | 604.2 | 72.2  | 112.2# |



#39

Acenaphthene-d10

Concen: 20.000 ng

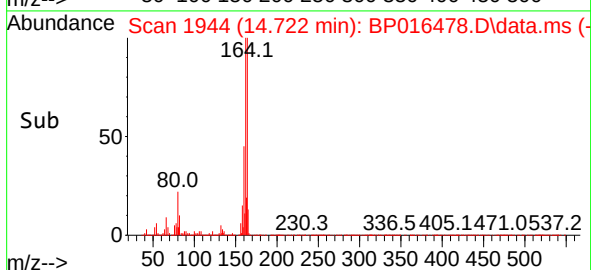
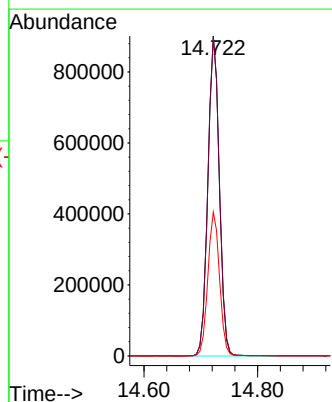
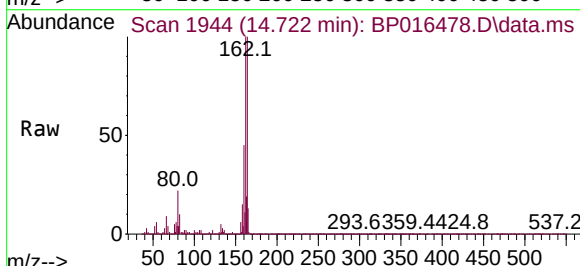
RT: 14.722 min Scan# 1944

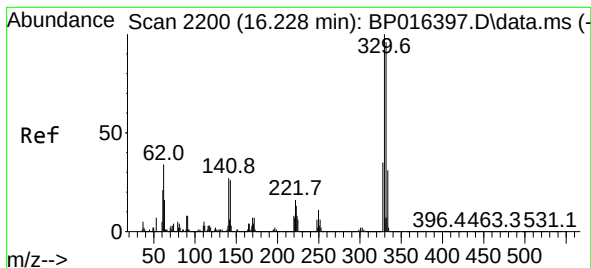
Delta R.T. -0.012 min

Lab File: BP016478.D

Acq: 02 Aug 2023 20:27

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 164   | Resp: | 1260757 |
| Ion      | Ratio | Lower | Upper   |
| 164      | 100   |       |         |
| 162      | 99.8  | 81.0  | 121.6   |
| 160      | 44.9  | 36.6  | 55.0    |





#42

2,4,6-Tribromophenol

Concen: 56.447 ng

RT: 16.216 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016478.D

Acq: 02 Aug 2023 20:27

Instrument :

BNA\_P

ClientSampleId :

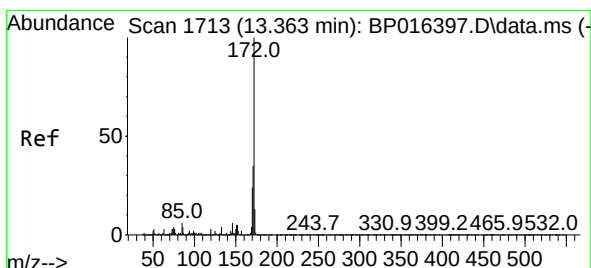
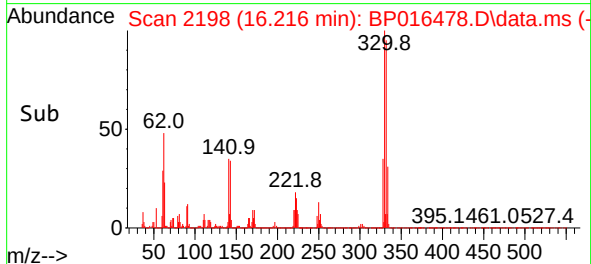
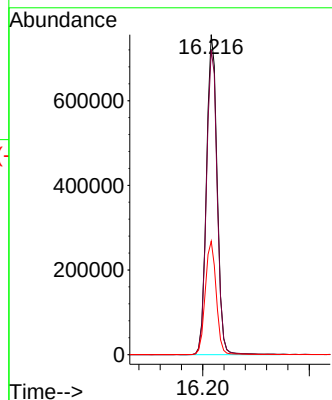
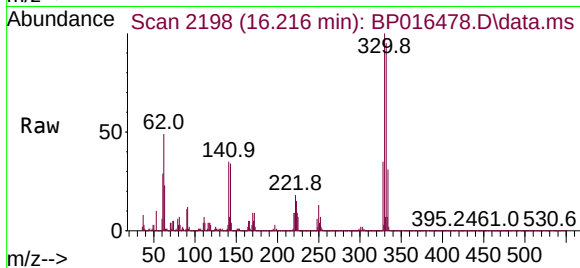
Tgt Ion:330 Resp: 1046953

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.8

141 36.4 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 47.353 ng

RT: 13.345 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016478.D

Acq: 02 Aug 2023 20:27

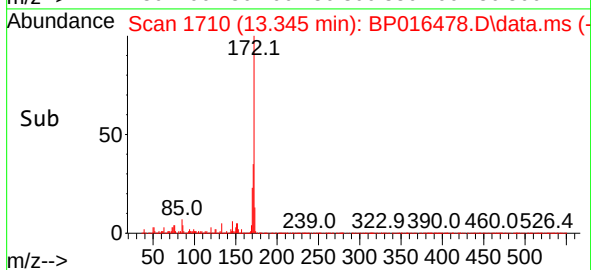
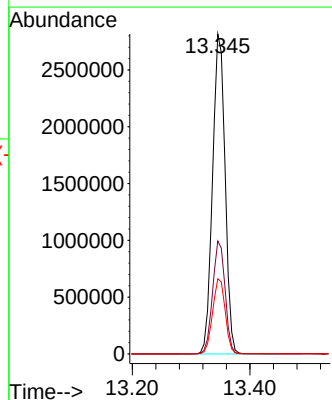
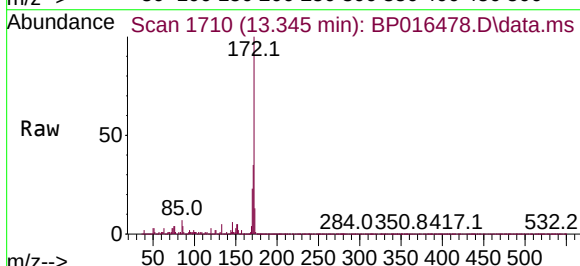
Tgt Ion:172 Resp: 4164152

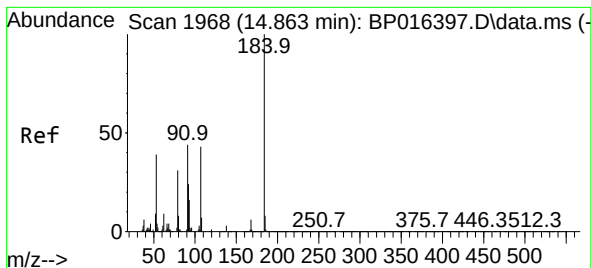
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.5 19.1 28.7

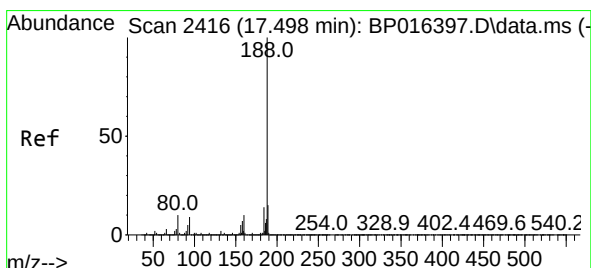
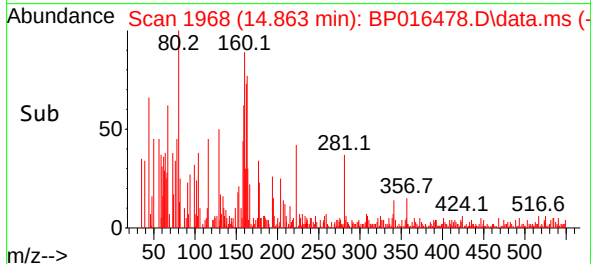
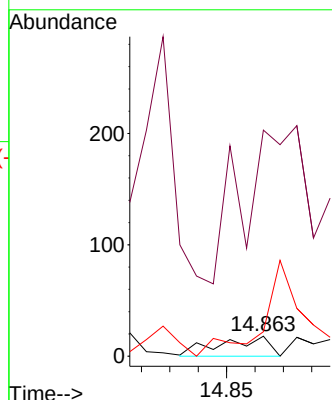
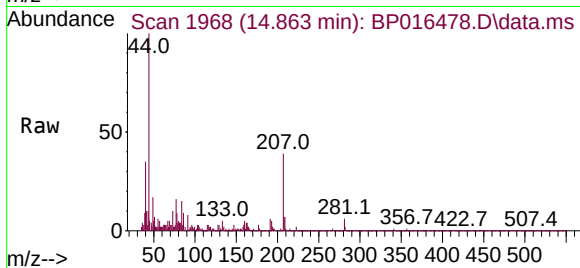




#54  
2,4-Dinitrophenol  
Concen: 8.004 ng  
RT: 14.863 min Scan# 1968  
Delta R.T. -0.000 min  
Lab File: BP016478.D  
Acq: 02 Aug 2023 20:27

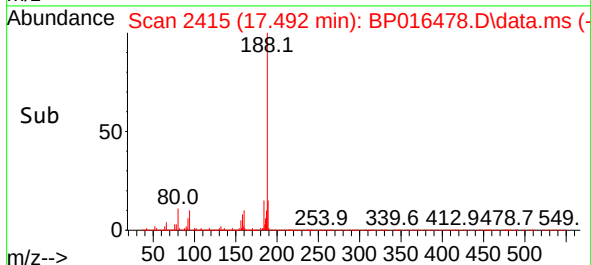
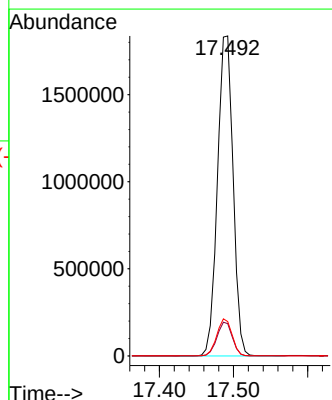
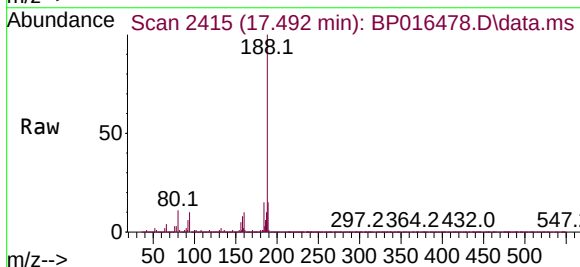
Instrument :  
BNA\_P  
ClientSampleId :

Tgt Ion:184 Resp: 21  
Ion Ratio Lower Upper  
184 100  
63 1127.8 48.2 72.4#  
154 122.2 49.6 74.4#

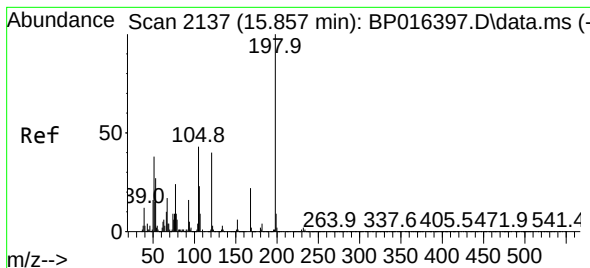


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.492 min Scan# 2415  
Delta R.T. -0.006 min  
Lab File: BP016478.D  
Acq: 02 Aug 2023 20:27

Tgt Ion:188 Resp: 2685204  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.4 11.0  
80 10.7 7.8 11.8

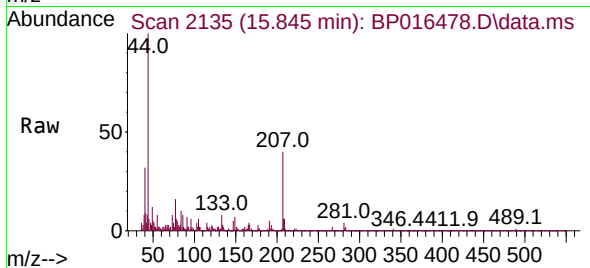




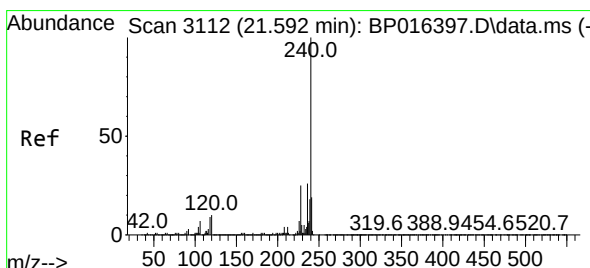
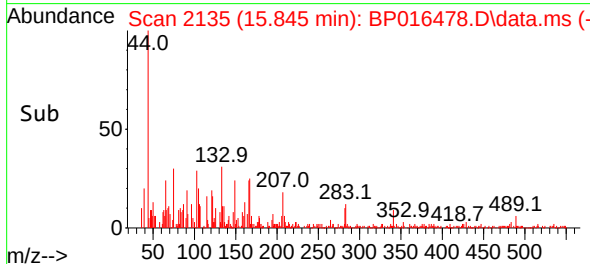
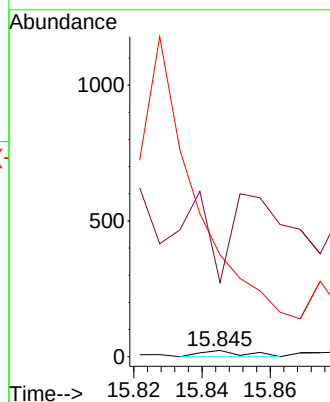


#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.303 ng  
RT: 15.845 min Scan# 2135  
Delta R.T. -0.012 min  
Lab File: BP016478.D  
Acq: 02 Aug 2023 20:27

Instrument :  
BNA\_P  
ClientSampleId :

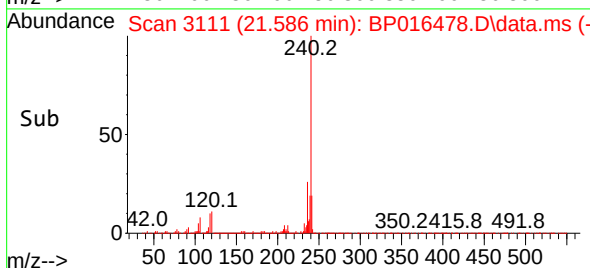
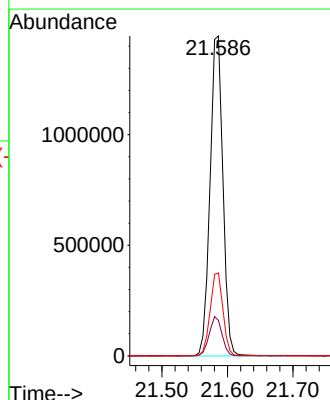
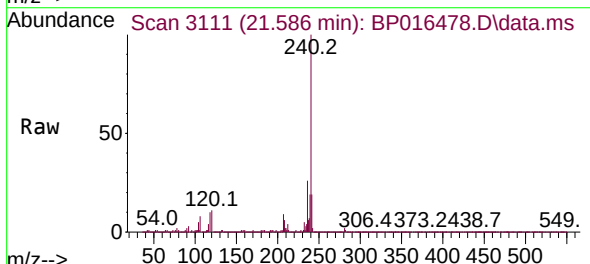


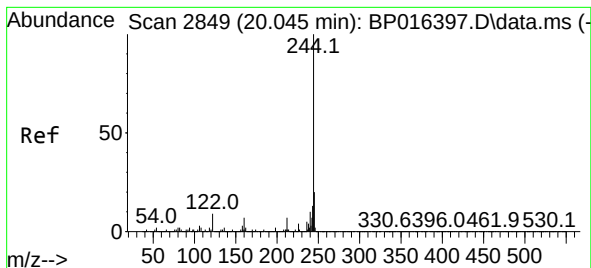
Tgt Ion:198 Resp: 20  
Ion Ratio Lower Upper  
198 100  
51 1187.0 20.1 60.1#  
105 1630.4 23.1 63.1#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.586 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BP016478.D  
Acq: 02 Aug 2023 20:27

Tgt Ion:240 Resp: 1973837  
Ion Ratio Lower Upper  
240 100  
120 11.1 7.9 11.9  
236 25.9 21.1 31.7





#79

Terphenyl-d14

Concen: 62.868 ng

RT: 20.033 min Scan# 2849

Delta R.T. -0.012 min

Lab File: BP016478.D

Acq: 02 Aug 2023 20:27

Instrument :

BNA\_P

ClientSampleId :

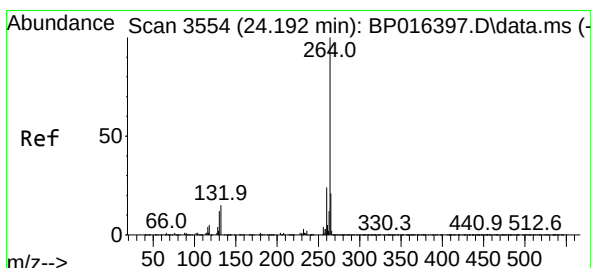
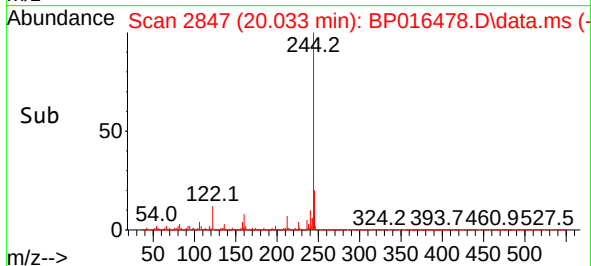
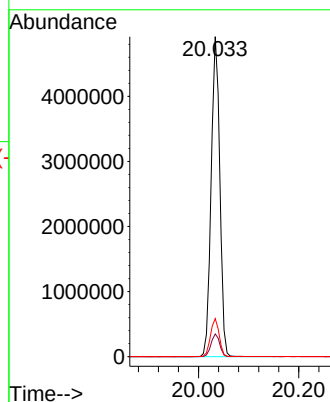
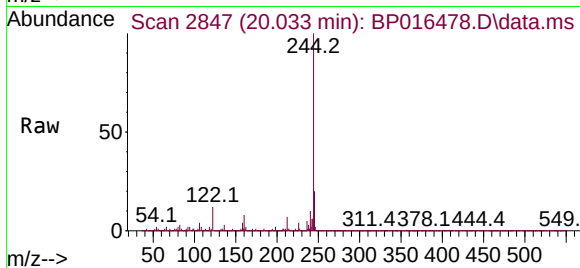
Tgt Ion:244 Resp: 5874357

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.9 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3552

Delta R.T. -0.012 min

Lab File: BP016478.D

Acq: 02 Aug 2023 20:27

Tgt Ion:264 Resp: 1864523

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.0 17.4 26.0

