

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032322\  
 Data File : BM034345.D  
 Acq On : 23 Mar 2022 18:57  
 Operator : CG/JU  
 Sample : N2057-03 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 UST-7-NORTH-SIDEWALL

Quant Time: Mar 24 02:43:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 24 02:40:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.936  | 152  | 169309   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.748 | 136  | 680938   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.577 | 164  | 403278   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.312 | 188  | 798967   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.489 | 240  | 776865   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.900 | 264  | 857503   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.490  | 112  | 264837   | 28.062 | ng    | 0.00     |
| 7) Phenol-d6                | 7.095  | 99   | 342373   | 25.337 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.095  | 82   | 219793   | 15.715 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.059 | 330  | 128233   | 23.591 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.201 | 172  | 468590   | 15.878 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.930 | 244  | 689586   | 15.424 | ng    | 0.00     |

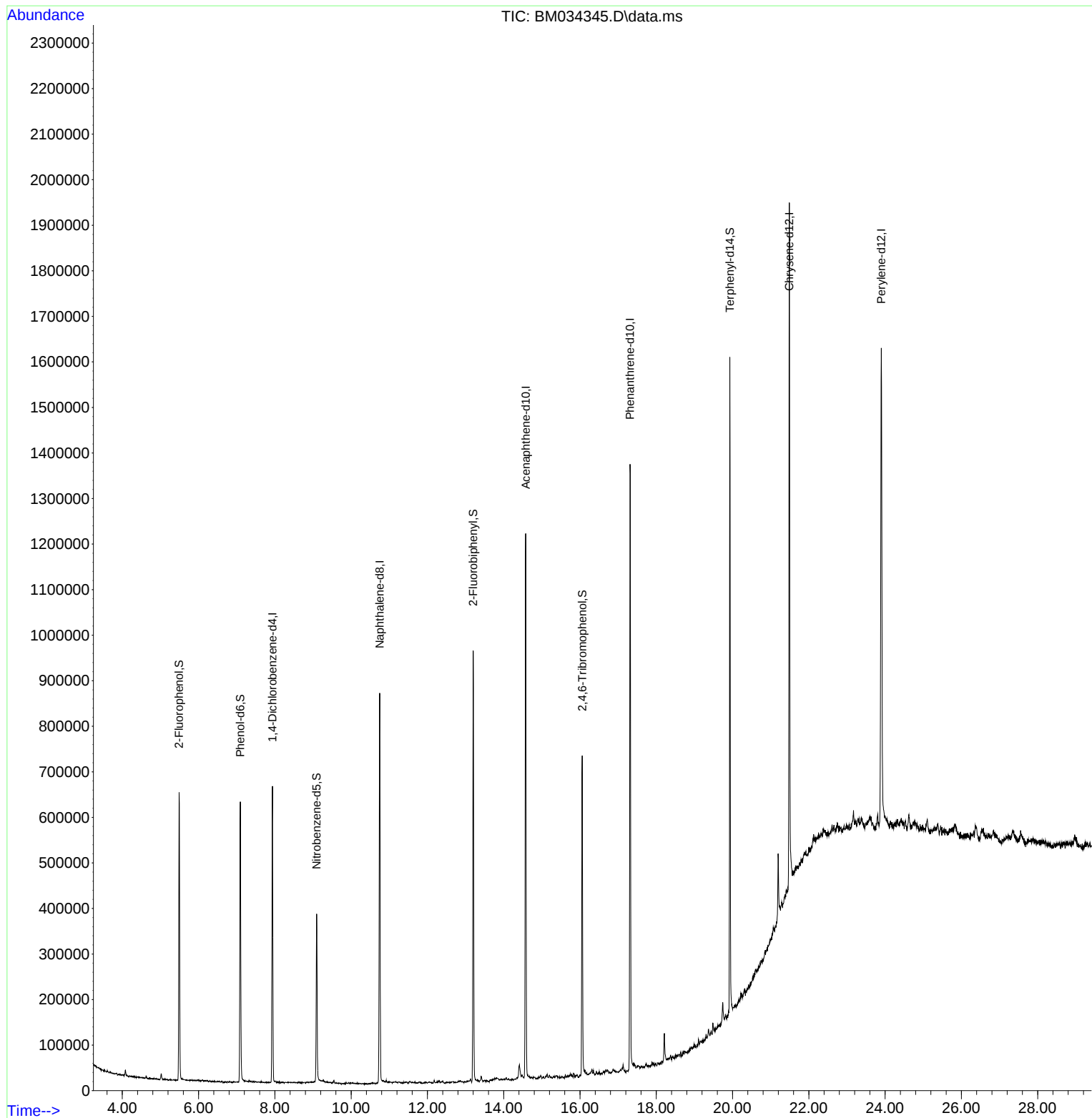
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

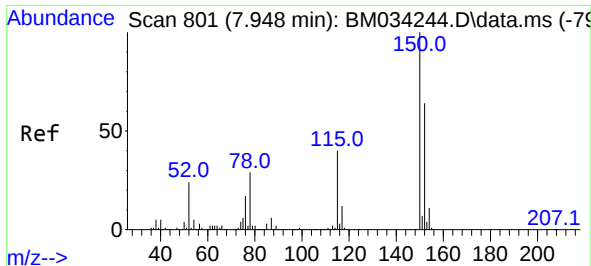
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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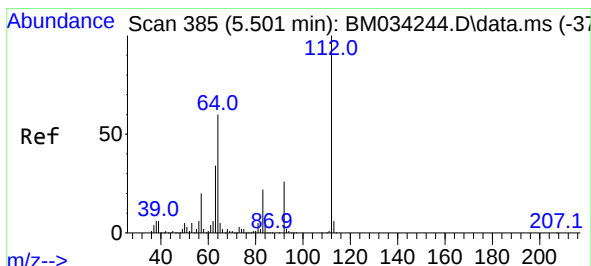
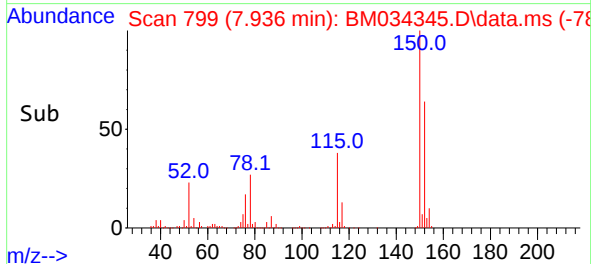
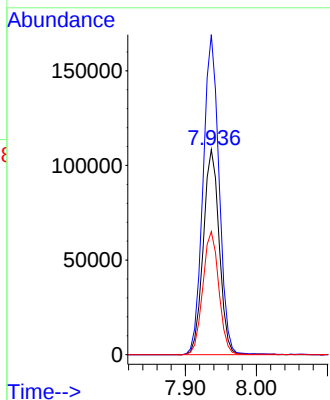
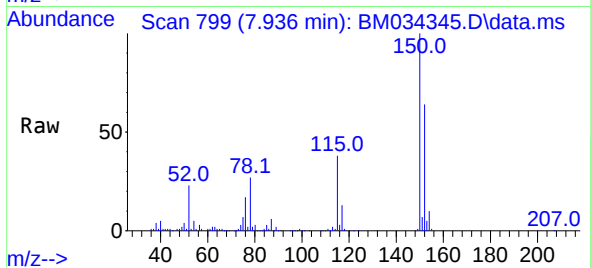




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.936 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: BM034345.D  
Acq: 23 Mar 2022 18:57

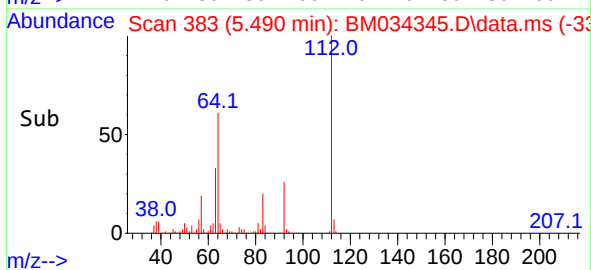
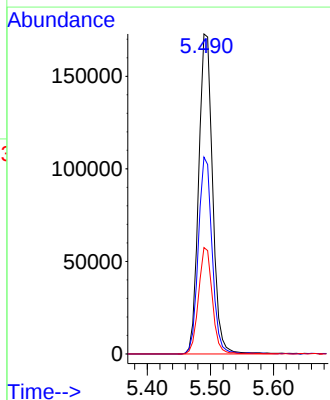
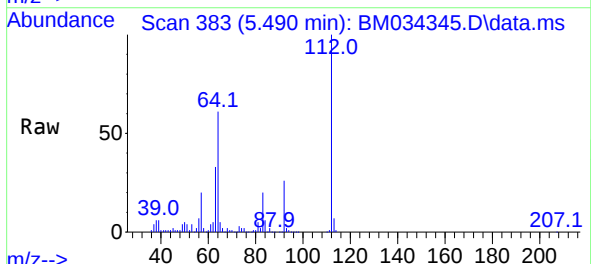
Instrument :  
BNA\_M  
ClientSampleId :  
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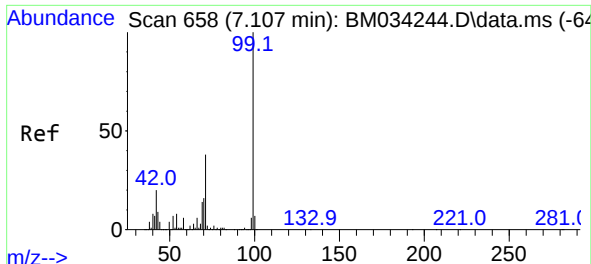
Tgt Ion:152 Resp: 169309  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.4 188.2  
115 60.0 50.1 75.1



#5  
2-Fluorophenol  
Concen: 28.062 ng  
RT: 5.490 min Scan# 383  
Delta R.T. -0.000 min  
Lab File: BM034345.D  
Acq: 23 Mar 2022 18:57

Tgt Ion:112 Resp: 264837  
Ion Ratio Lower Upper  
112 100  
64 61.5 47.9 71.9  
63 33.2 27.1 40.7

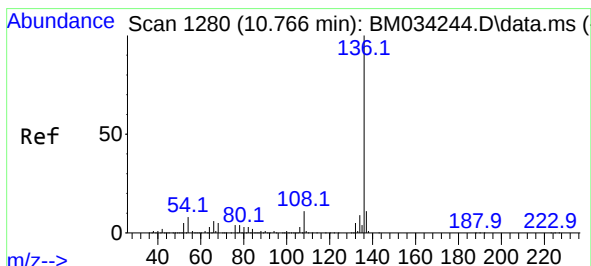
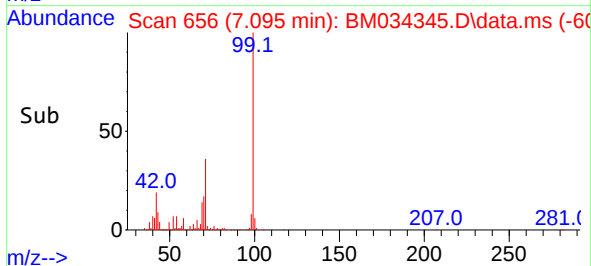
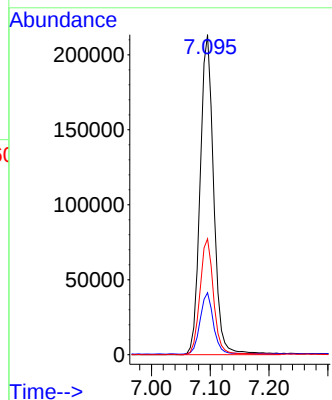
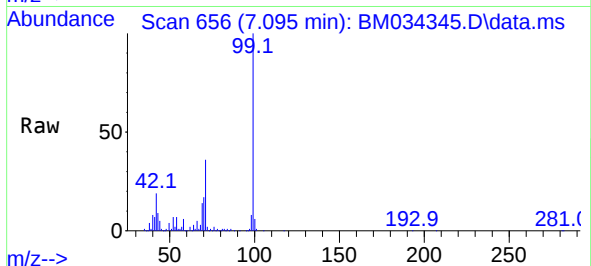




#7  
Phenol-d6  
Concen: 25.337 ng  
RT: 7.095 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM034345.D  
Acq: 23 Mar 2022 18:57

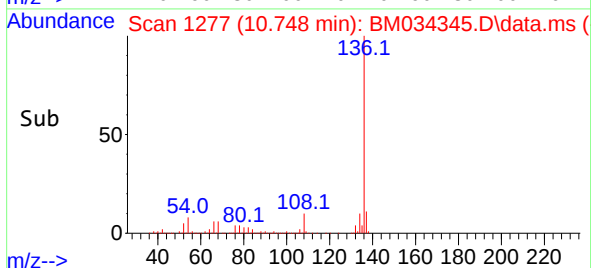
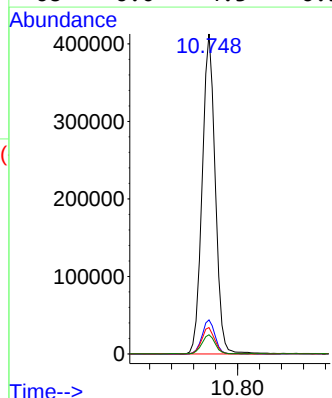
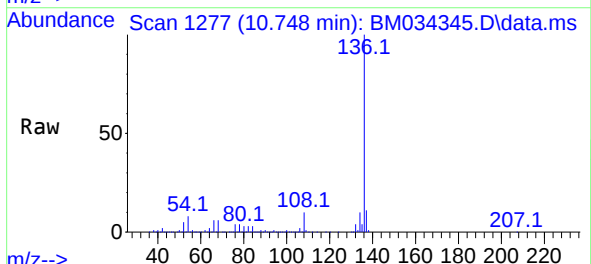
Instrument :  
BNA\_M  
ClientSampleId :  
UST-7-NORTH-SIDEWALL

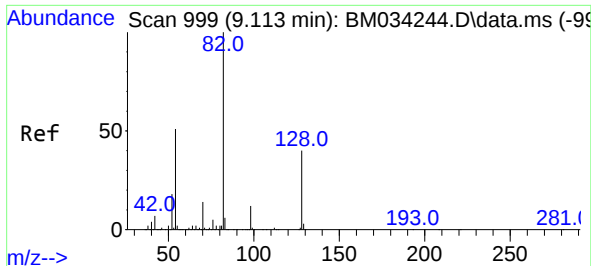
Tgt Ion: 99 Resp: 342373  
Ion Ratio Lower Upper  
99 100  
42 19.4 15.6 23.4  
71 36.2 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.748 min Scan# 1277  
Delta R.T. -0.006 min  
Lab File: BM034345.D  
Acq: 23 Mar 2022 18:57

Tgt Ion: 136 Resp: 680938  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 8.2 6.2 9.4  
68 6.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 15.715 ng

RT: 9.095 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM034345.D

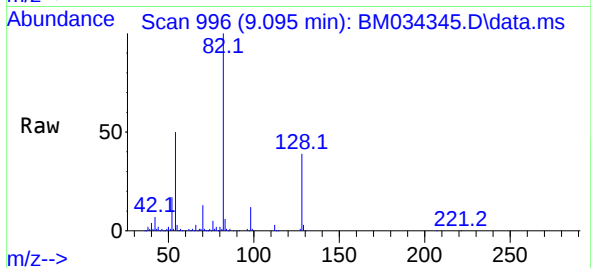
Acq: 23 Mar 2022 18:57

Instrument :

BNA\_M

ClientSampleId :

UST-7-NORTH-SIDEWALL



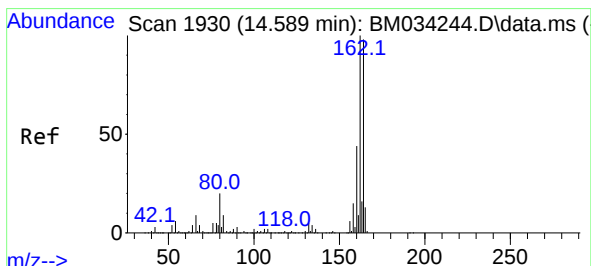
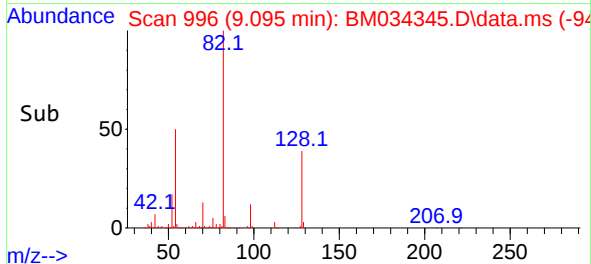
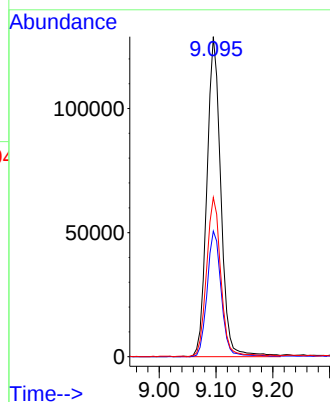
Tgt Ion: 82 Resp: 219793

Ion Ratio Lower Upper

82 100

128 39.2 31.9 47.9

54 49.7 40.6 61.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM034345.D

Acq: 23 Mar 2022 18:57

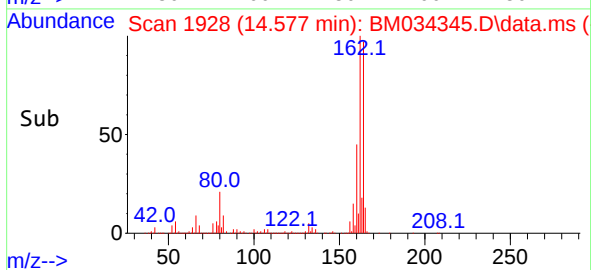
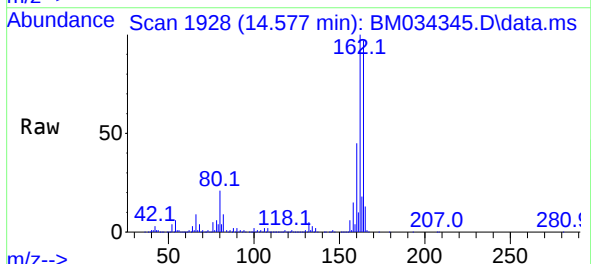
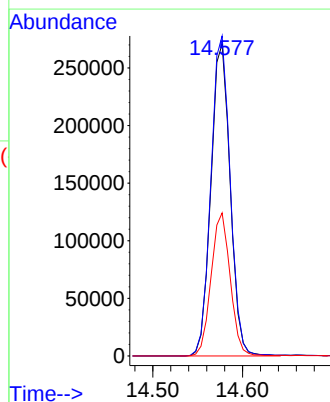
Tgt Ion: 164 Resp: 403278

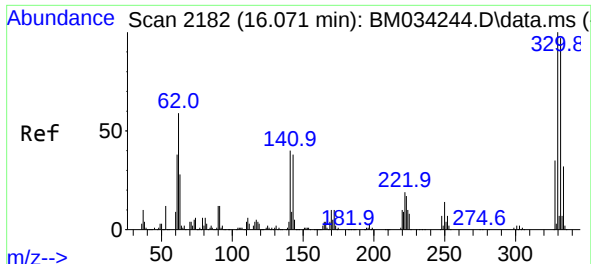
Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

160 45.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 23.591 ng

RT: 16.059 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BM034345.D

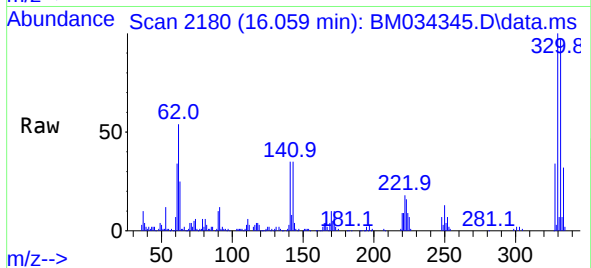
Acq: 23 Mar 2022 18:57

Instrument :

BNA\_M

ClientSampleId :

UST-7-NORTH-SIDEWALL



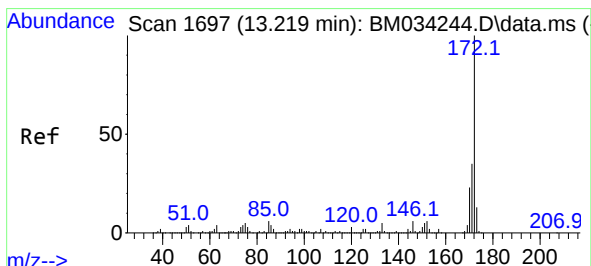
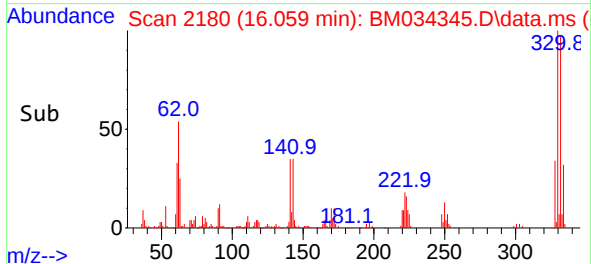
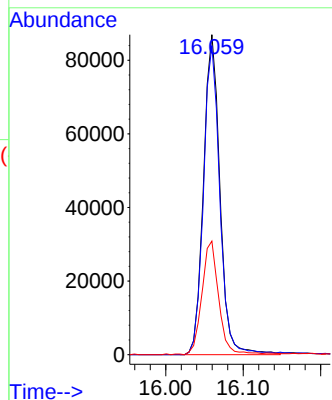
Tgt Ion:330 Resp: 128233

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.4

141 36.2 30.6 45.8



#45

2-Fluorobiphenyl

Concen: 15.878 ng

RT: 13.201 min Scan# 1694

Delta R.T. -0.012 min

Lab File: BM034345.D

Acq: 23 Mar 2022 18:57

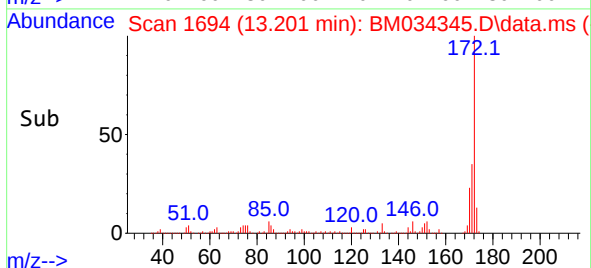
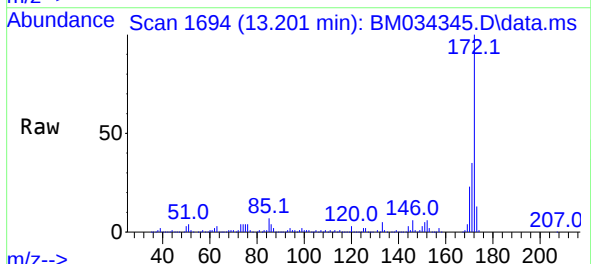
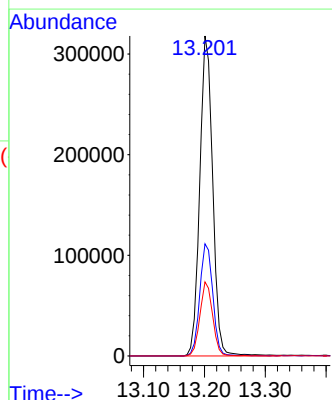
Tgt Ion:172 Resp: 468590

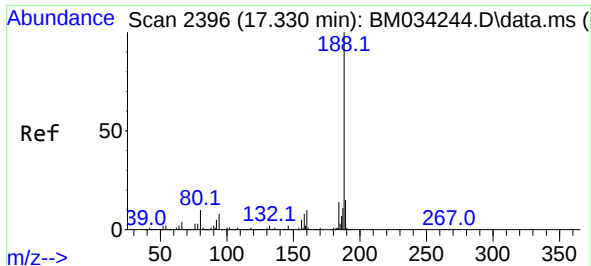
Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.1 18.6 28.0

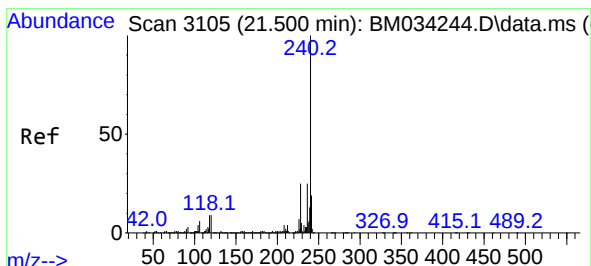
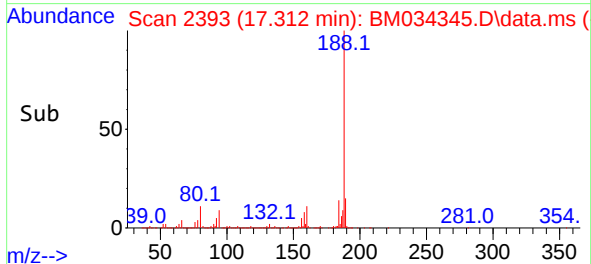
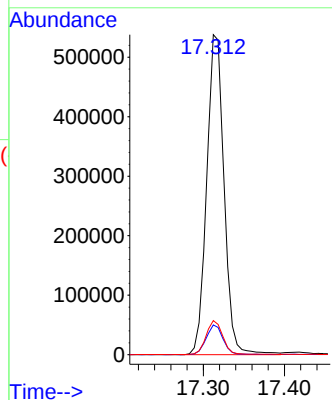
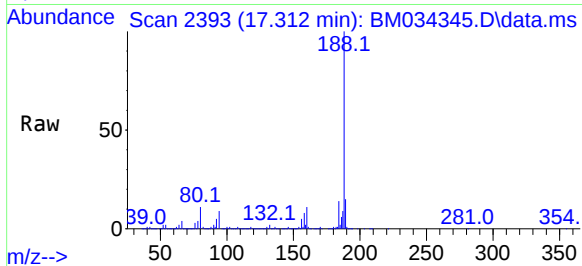




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.312 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM034345.D  
Acq: 23 Mar 2022 18:57

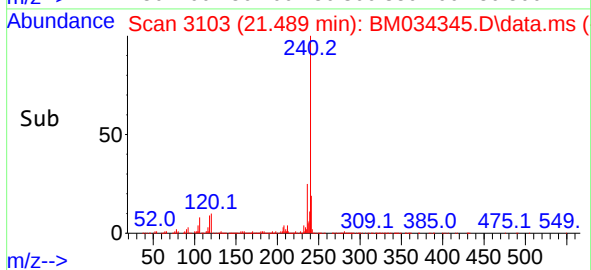
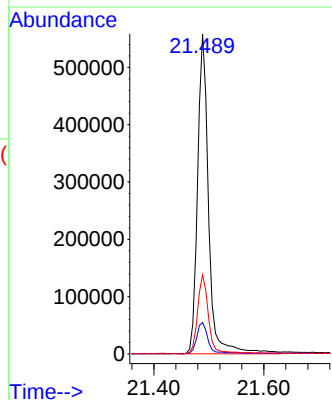
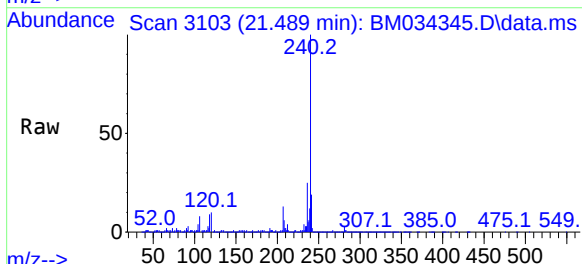
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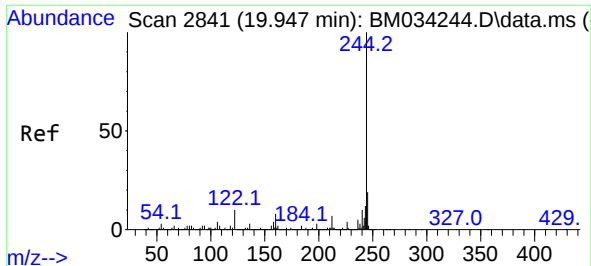
Tgt Ion:188 Resp: 798967  
Ion Ratio Lower Upper  
188 100  
94 9.3 6.6 9.8  
80 10.6 7.8 11.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.489 min Scan# 3103  
Delta R.T. -0.006 min  
Lab File: BM034345.D  
Acq: 23 Mar 2022 18:57

Tgt Ion:240 Resp: 776865  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.3 10.9  
236 24.7 20.2 30.2

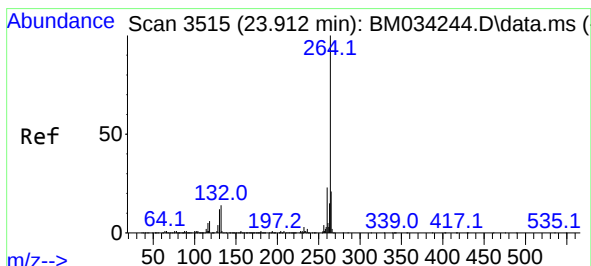
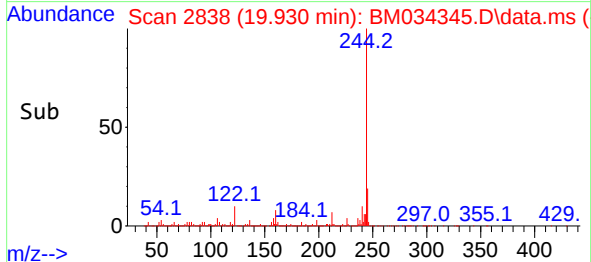
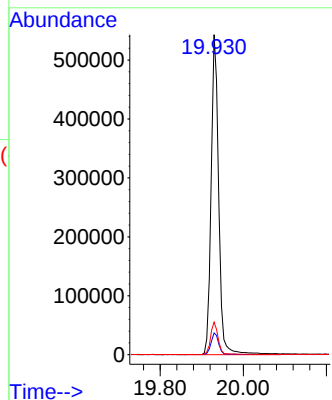
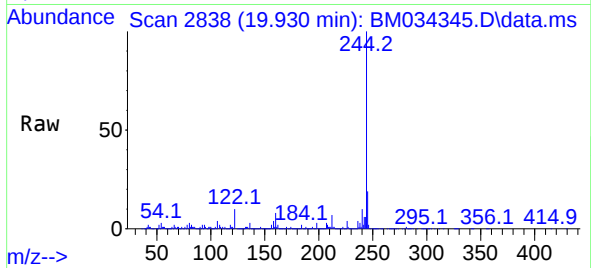




#79  
Terphenyl-d14  
Concen: 15.424 ng  
RT: 19.930 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM034345.D  
Acq: 23 Mar 2022 18:57

Instrument :  
BNA\_M  
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Tgt Ion:244 Resp: 689586  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 10.1 7.8 11.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.900 min Scan# 3513  
Delta R.T. -0.006 min  
Lab File: BM034345.D  
Acq: 23 Mar 2022 18:57

Tgt Ion:264 Resp: 857503  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.6 28.0  
265 22.1 17.6 26.4

