

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080322\  
 Data File : BM036080.D  
 Acq On : 03 Aug 2022 16:24  
 Operator : CG/JU  
 Sample : N3947-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 NSB06-14-15

Quant Time: Aug 04 01:30:57 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 01 17:50:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 190128   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.669 | 136  | 863121   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.504 | 164  | 608390   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.245 | 188  | 1385461  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.427 | 240  | 1564639  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.791 | 264  | 1783387  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 1445254  | 123.240 | ng    | 0.00     |
| 7) Phenol-d6                | 7.034  | 99   | 1960341  | 131.373 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.034  | 82   | 1137386  | 73.764  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.992 | 330  | 1014963  | 142.207 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.133 | 172  | 2850694  | 69.182  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.874 | 244  | 5647071  | 71.189  | ng    | 0.00     |

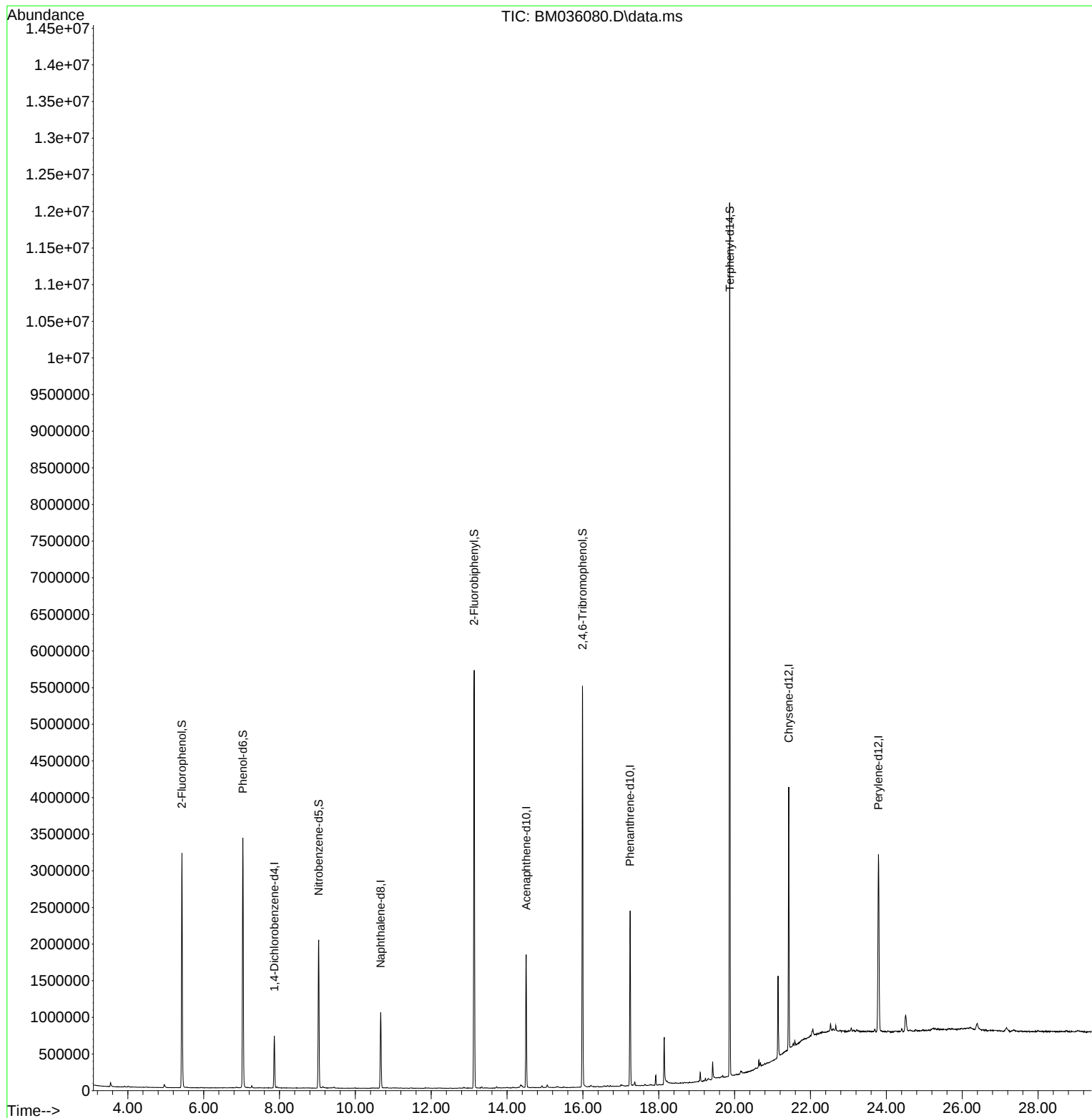
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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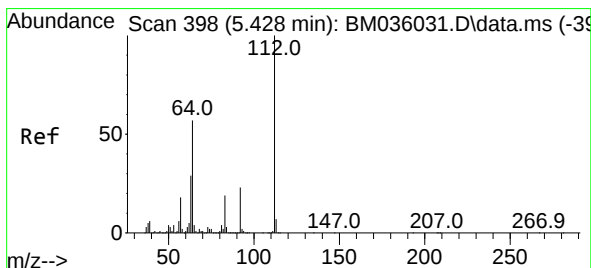
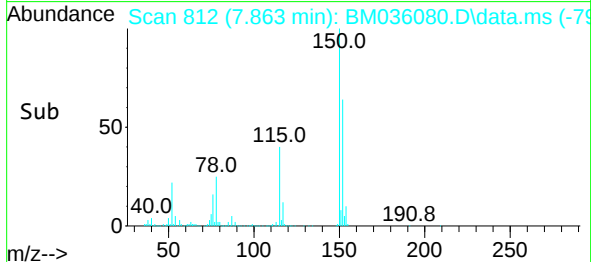
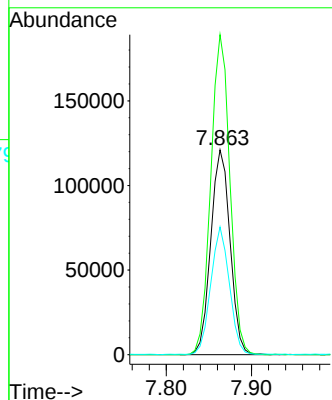
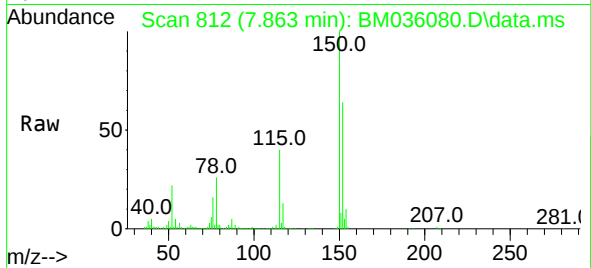




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.863 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BM036080.D  
Acq: 03 Aug 2022 16:24

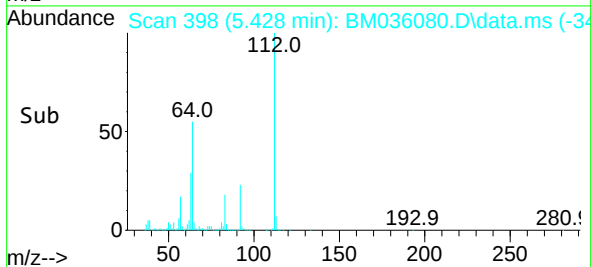
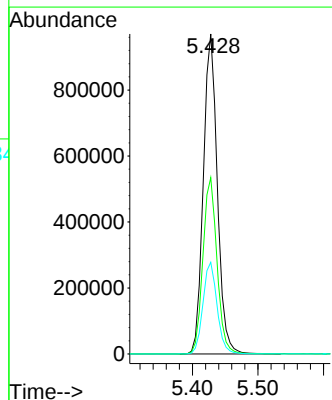
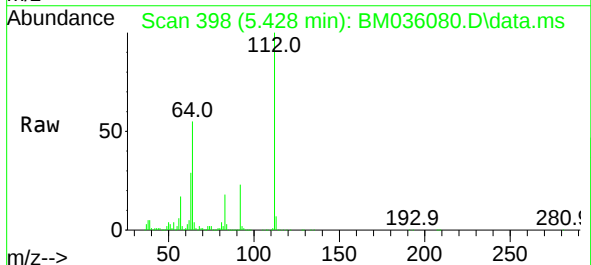
Instrument :  
BNA\_M  
ClientSampleId :  
NSB06-14-15

Tgt Ion:152 Resp: 190128  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.9 187.3  
115 62.4 47.9 71.9



#5  
2-Fluorophenol  
Concen: 123.240 ng  
RT: 5.428 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: BM036080.D  
Acq: 03 Aug 2022 16:24

Tgt Ion:112 Resp: 1445254  
Ion Ratio Lower Upper  
112 100  
64 55.1 47.8 71.6  
63 28.6 26.6 40.0

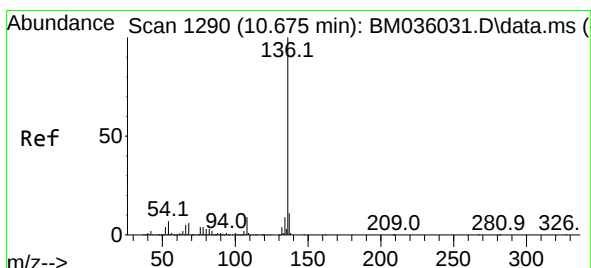
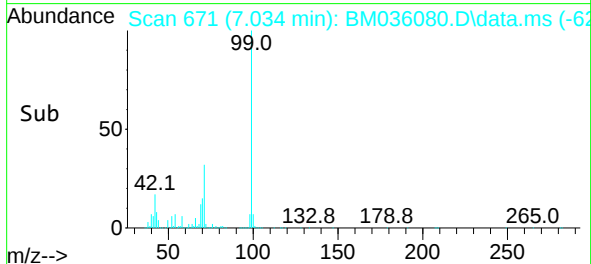
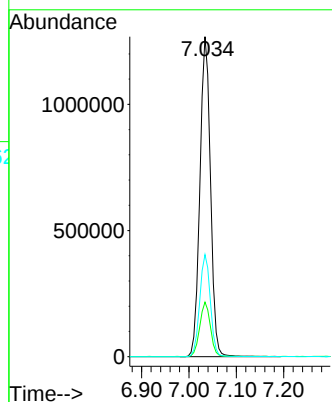
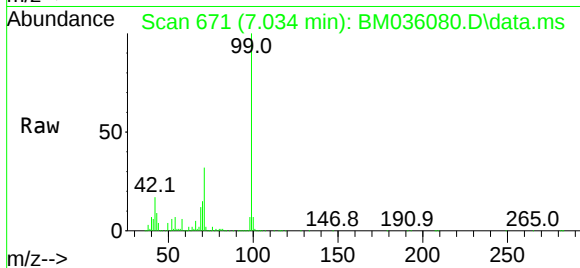




#7  
Phenol-d6  
Concen: 131.373 ng  
RT: 7.034 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM036080.D  
Acq: 03 Aug 2022 16:24

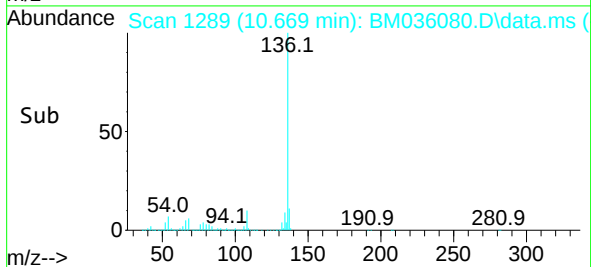
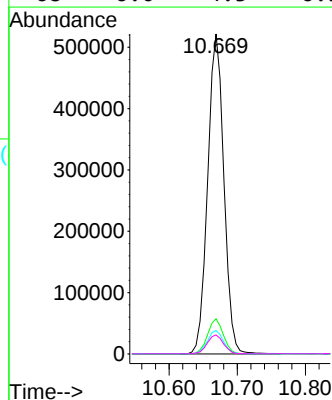
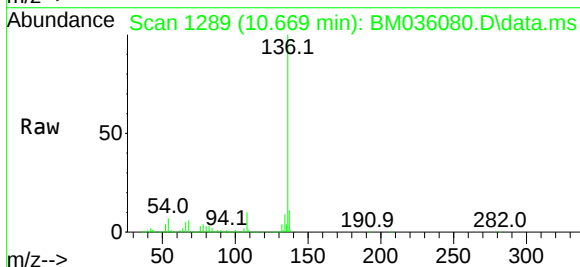
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BNA\_M  
ClientSampleId :  
NSB06-14-15

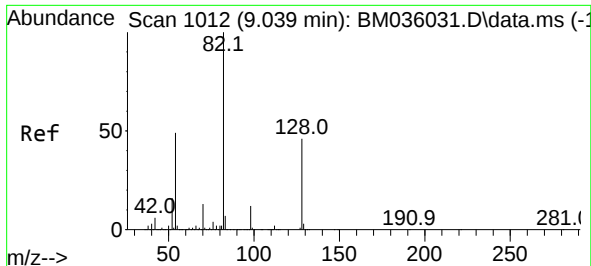
Tgt Ion: 99 Resp: 1960341  
Ion Ratio Lower Upper  
99 100  
42 17.1 18.8 28.2#  
71 31.9 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.669 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BM036080.D  
Acq: 03 Aug 2022 16:24

Tgt Ion: 136 Resp: 863121  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.3 7.0 10.4  
68 6.0 4.3 6.5

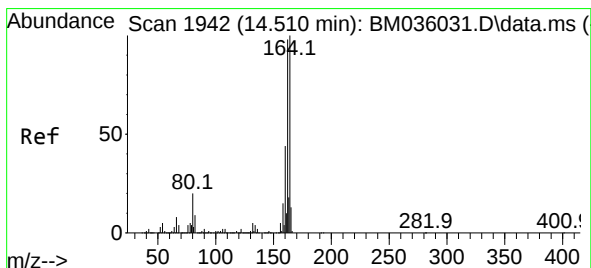
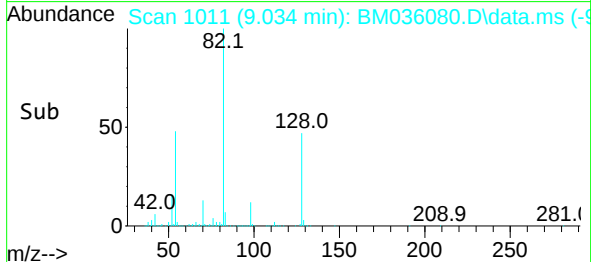
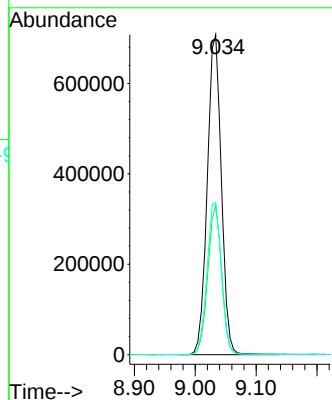
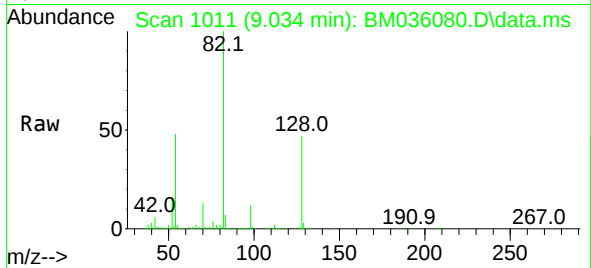




#23  
Nitrobenzene-d5  
Concen: 73.764 ng  
RT: 9.034 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: BM036080.D  
Acq: 03 Aug 2022 16:24

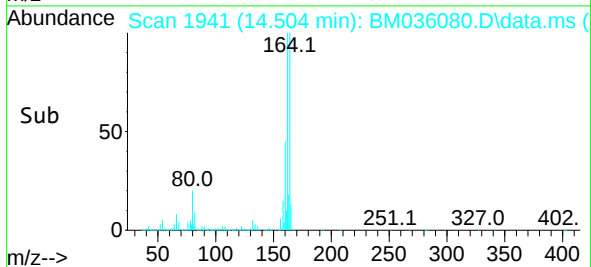
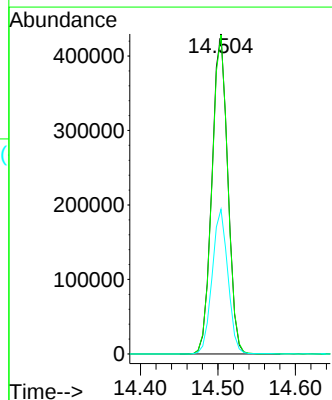
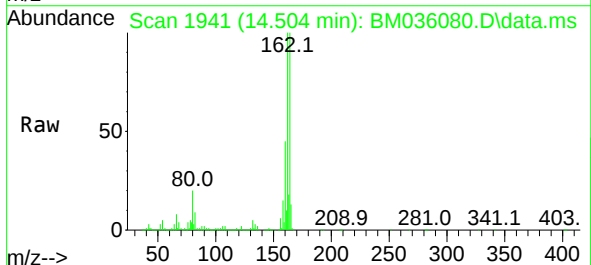
Instrument :  
BNA\_M  
ClientSampleId :  
NSB06-14-15

Tgt Ion: 82 Resp: 1137386  
Ion Ratio Lower Upper  
82 100  
128 46.7 33.7 50.5  
54 47.6 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.504 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: BM036080.D  
Acq: 03 Aug 2022 16:24

Tgt Ion: 164 Resp: 608390  
Ion Ratio Lower Upper  
164 100  
162 99.7 83.0 124.6  
160 45.2 37.0 55.4

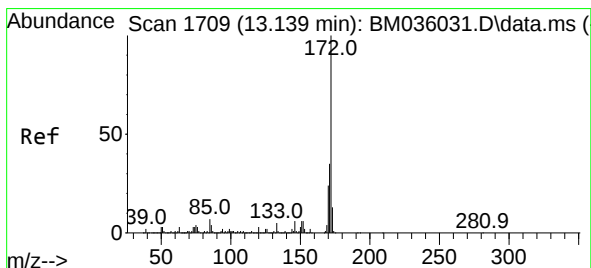
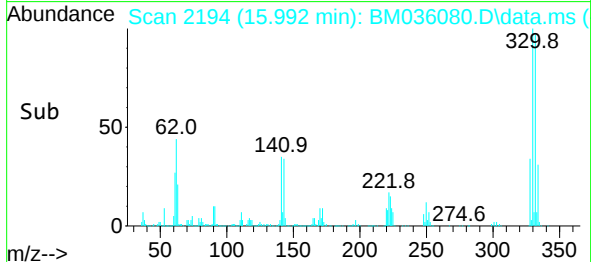
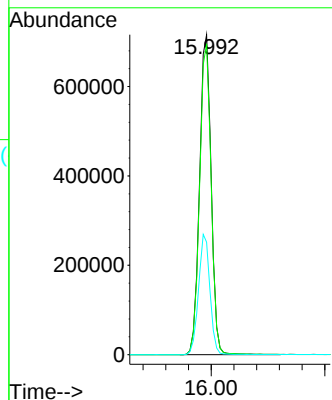
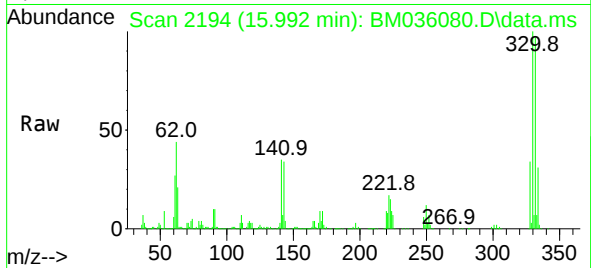




#42  
2,4,6-Tribromophenol  
Concen: 142.207 ng  
RT: 15.992 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BM036080.D  
Acq: 03 Aug 2022 16:24

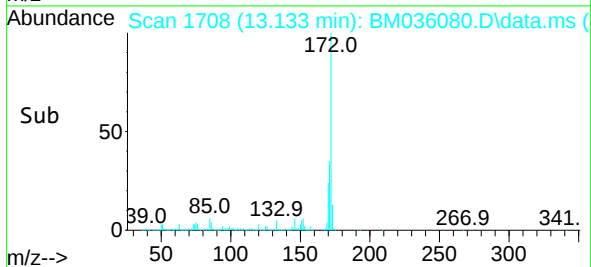
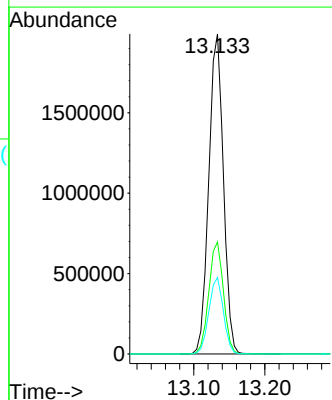
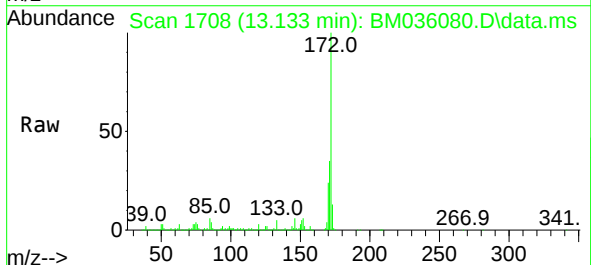
Instrument :  
BNA\_M  
ClientSampleId :  
NSB06-14-15

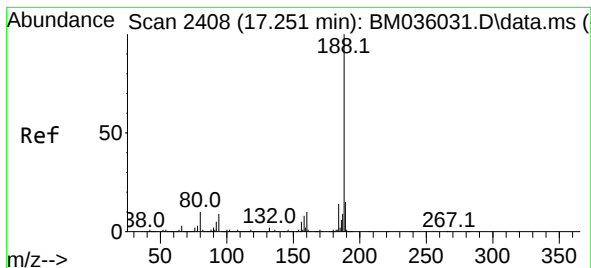
Tgt Ion:330 Resp: 1014963  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.0 115.4  
141 37.2 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 69.182 ng  
RT: 13.133 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BM036080.D  
Acq: 03 Aug 2022 16:24

Tgt Ion:172 Resp: 2850694  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.5 42.7  
170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM036080.D

Acq: 03 Aug 2022 16:24

Instrument :

BNA\_M

ClientSampleId :

NSB06-14-15

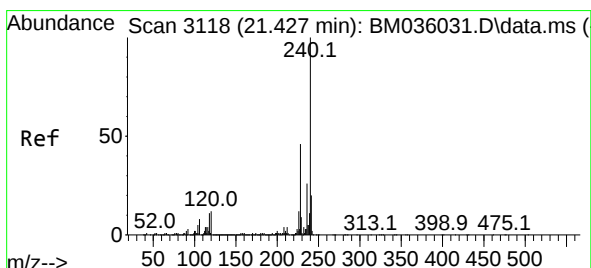
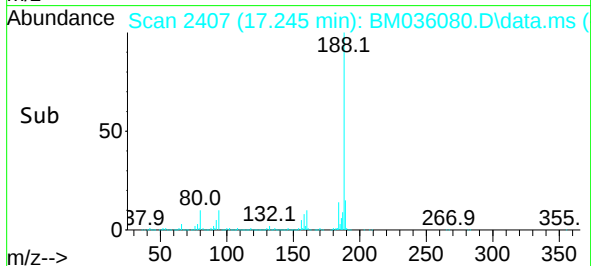
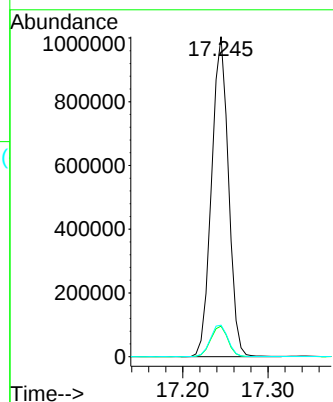
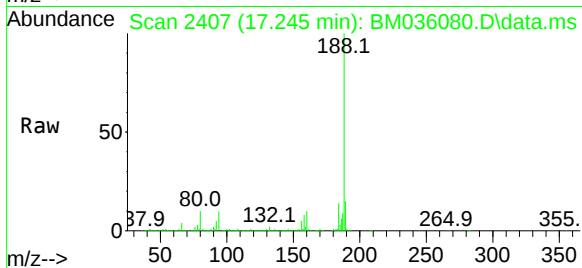
Tgt Ion:188 Resp: 1385461

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

80 9.9 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM036080.D

Acq: 03 Aug 2022 16:24

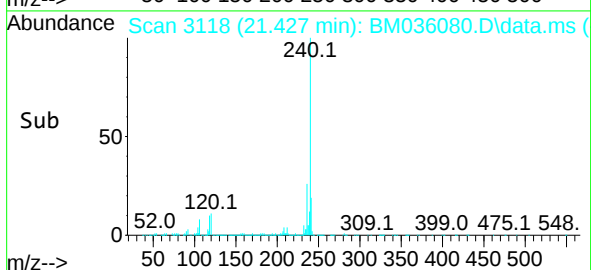
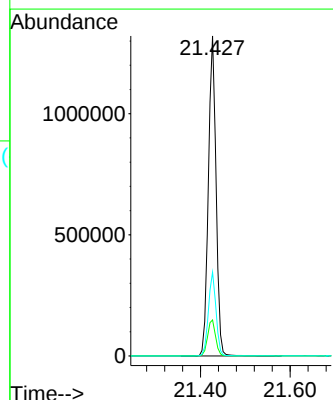
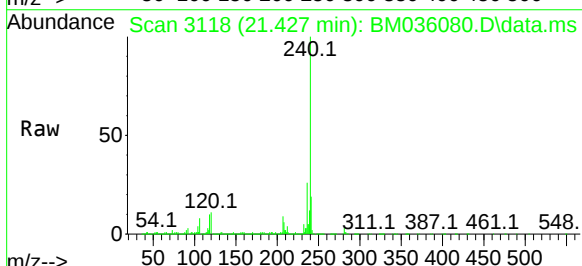
Tgt Ion:240 Resp: 1564639

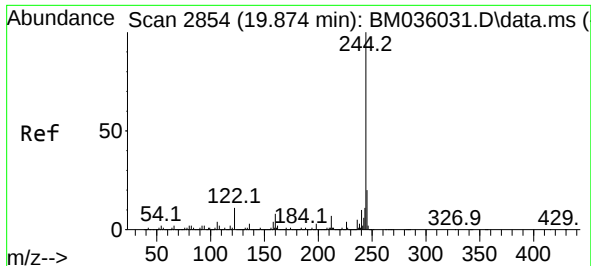
Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.0

236 26.2 20.6 30.8

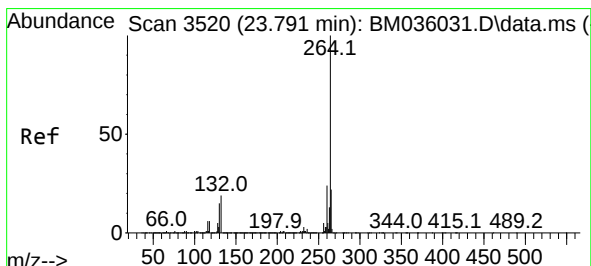
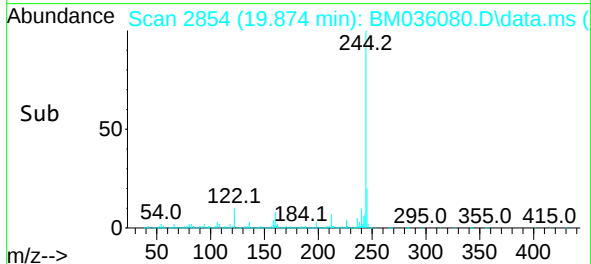
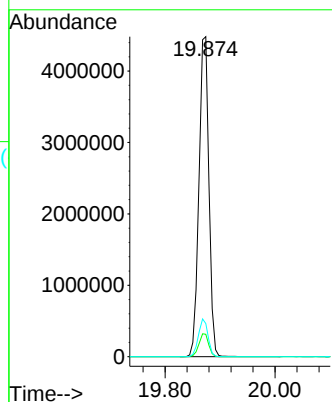
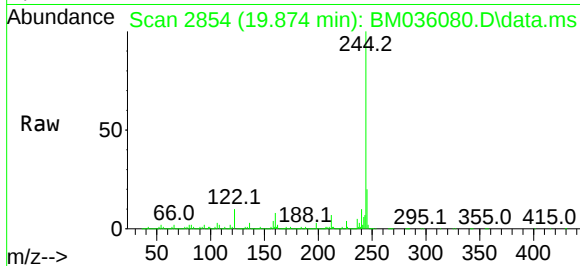




#79  
 Terphenyl-d14  
 Concen: 71.189 ng  
 RT: 19.874 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM036080.D  
 Acq: 03 Aug 2022 16:24

Instrument :  
 BNA\_M  
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 NSB06-14-15

Tgt Ion:244 Resp: 5647071  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.2 9.4  
 122 10.4 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.791 min Scan# 3520  
 Delta R.T. 0.000 min  
 Lab File: BM036080.D  
 Acq: 03 Aug 2022 16:24

Tgt Ion:264 Resp: 1783387  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.9 28.3  
 265 22.3 17.5 26.3

