

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080222\  
 Data File : BM036054.D  
 Acq On : 02 Aug 2022 16:30  
 Operator : CG/JU  
 Sample : PB146633TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB146633TB

Quant Time: Aug 03 00:52:57 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   | 7.869  | 152  | 309313   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.675 | 136  | 1395763  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.504 | 164  | 950837   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.245 | 188  | 2127779  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.427 | 240  | 2127142  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.792 | 264  | 2175953  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 2738009  | 143.512 | ng    | 0.00     |
| 7) Phenol-d6                | 7.040  | 99   | 3538566  | 145.764 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.040  | 82   | 2173712  | 87.176  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.992 | 330  | 1587760  | 142.342 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.139 | 172  | 5340424  | 82.927  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.874 | 244  | 9689574  | 89.849  | ng    | 0.00     |

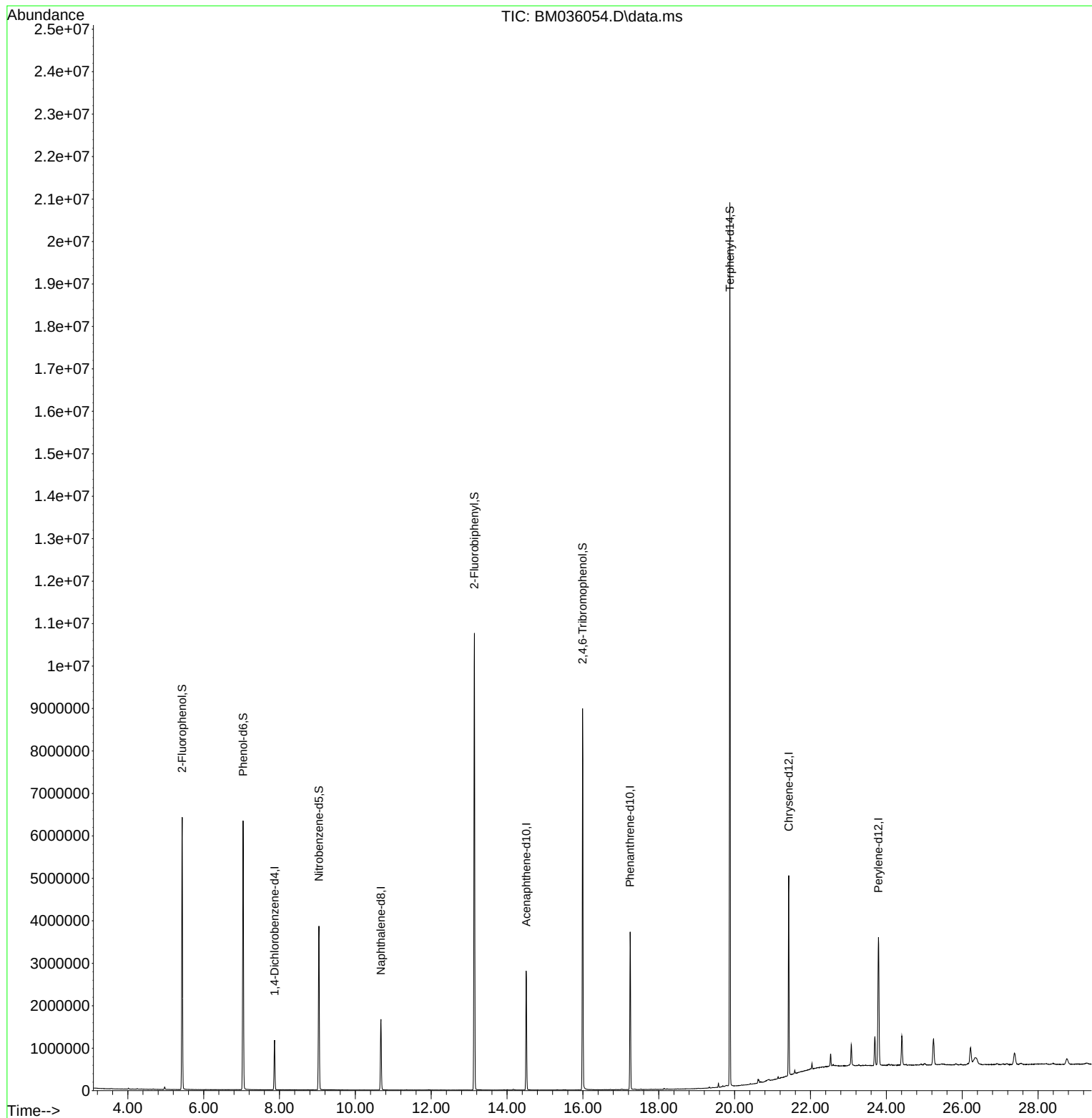
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

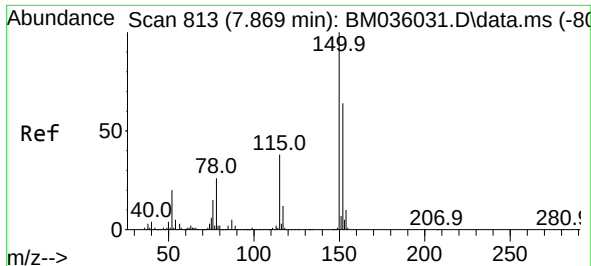
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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  
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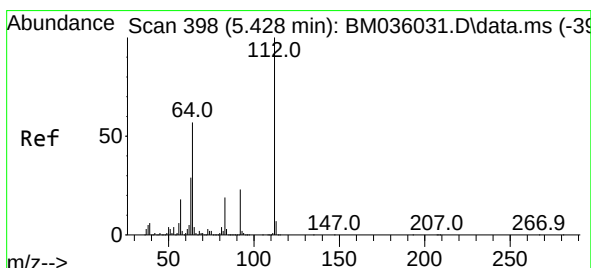
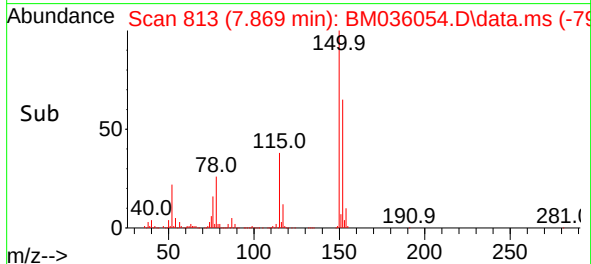
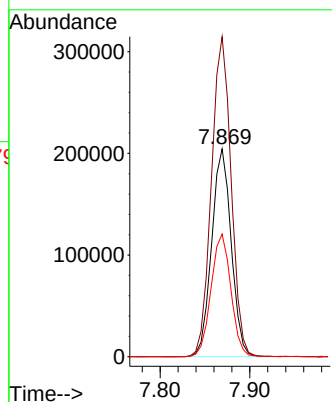
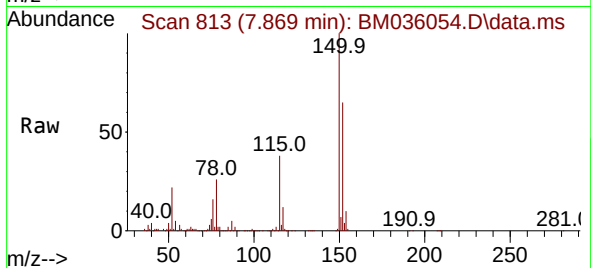




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.869 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: BM036054.D  
Acq: 02 Aug 2022 16:30

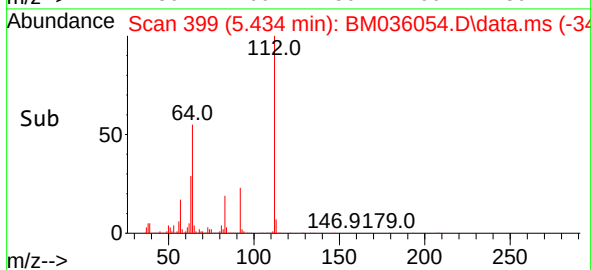
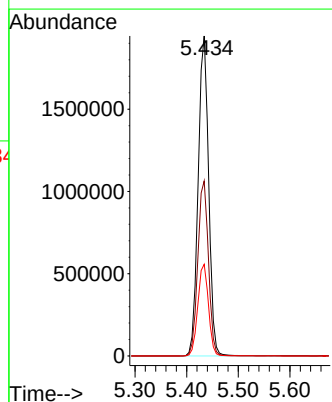
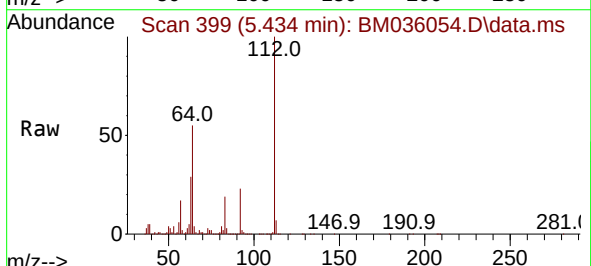
Instrument :  
BNA\_M  
ClientSampleId :  
PB146633TB

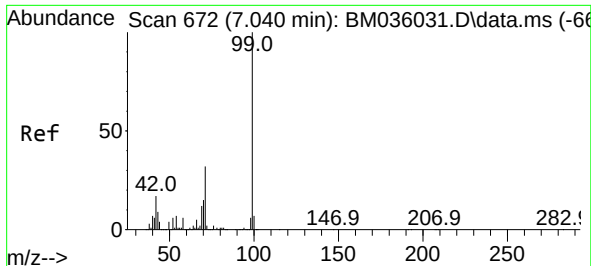
Tgt Ion:152 Resp: 309313  
Ion Ratio Lower Upper  
152 100  
150 154.0 124.9 187.3  
115 59.0 47.9 71.9



#5  
2-Fluorophenol  
Concen: 143.512 ng  
RT: 5.434 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: BM036054.D  
Acq: 02 Aug 2022 16:30

Tgt Ion:112 Resp: 2738009  
Ion Ratio Lower Upper  
112 100  
64 54.7 47.8 71.6  
63 28.7 26.6 40.0

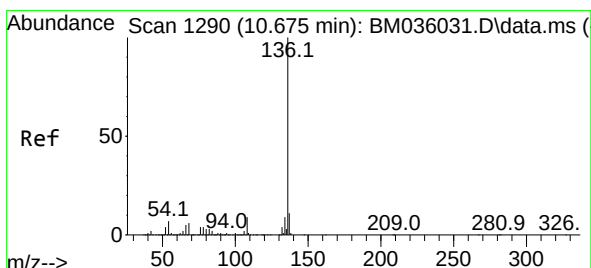
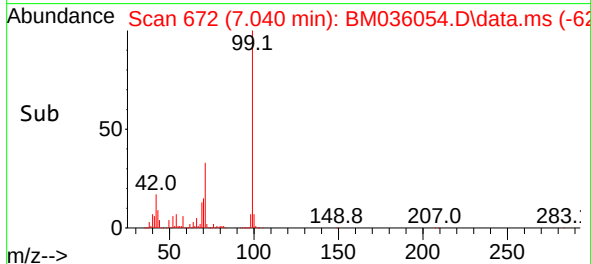
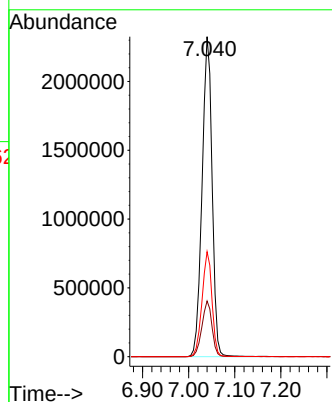
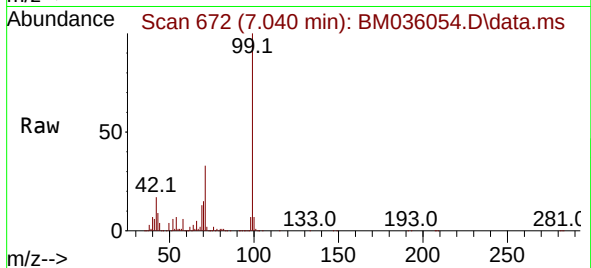




#7  
Phenol-d6  
Concen: 145.764 ng  
RT: 7.040 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM036054.D  
Acq: 02 Aug 2022 16:30

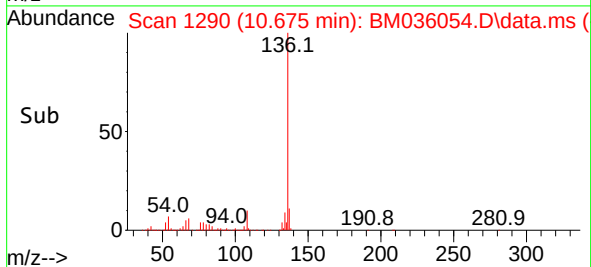
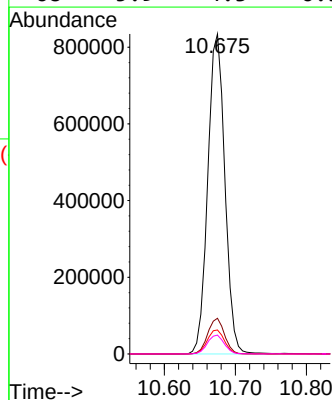
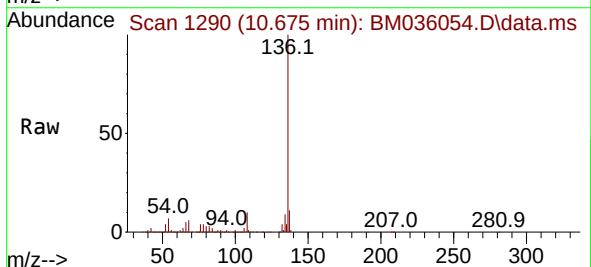
Instrument :  
BNA\_M  
ClientSampleId :  
PB146633TB

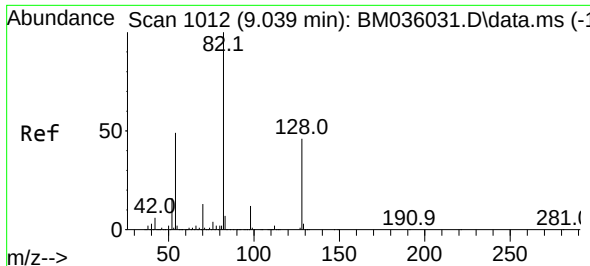
Tgt Ion: 99 Resp: 3538566  
Ion Ratio Lower Upper  
99 100  
42 17.4 18.8 28.2#  
71 32.8 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.675 min Scan# 1290  
Delta R.T. 0.000 min  
Lab File: BM036054.D  
Acq: 02 Aug 2022 16:30

Tgt Ion: 136 Resp: 1395763  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 7.5 7.0 10.4  
68 5.9 4.3 6.5

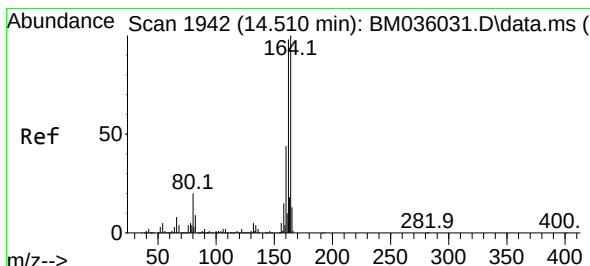
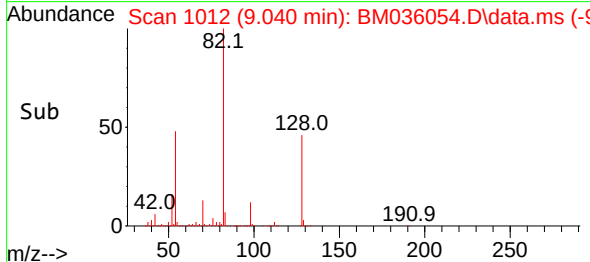
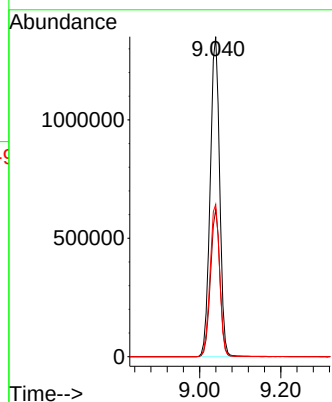
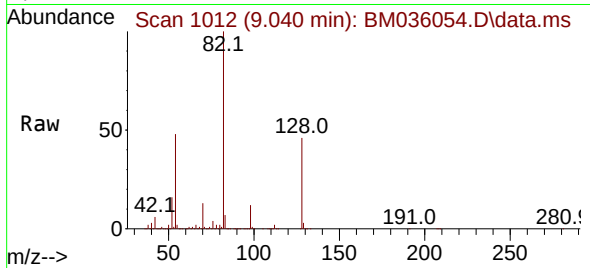




#23  
Nitrobenzene-d5  
Concen: 87.176 ng  
RT: 9.040 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: BM036054.D  
Acq: 02 Aug 2022 16:30

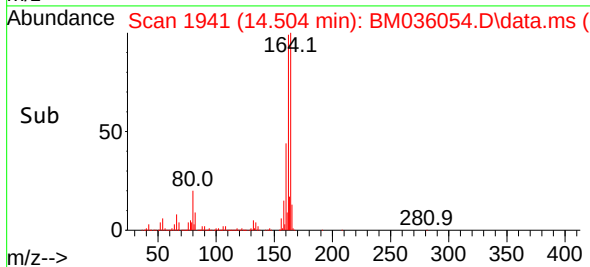
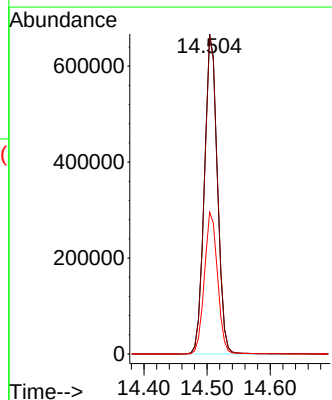
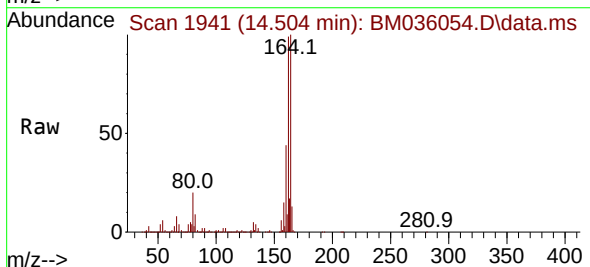
Instrument :  
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ClientSampleId :  
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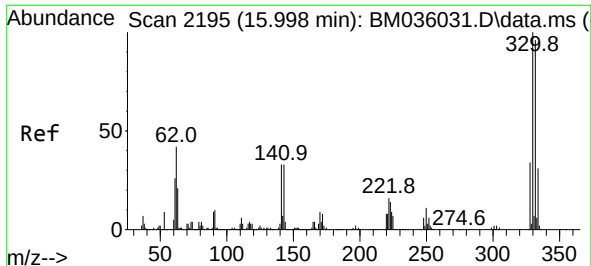
Tgt Ion: 82 Resp: 2173712  
Ion Ratio Lower Upper  
82 100  
128 46.1 33.7 50.5  
54 47.6 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.504 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: BM036054.D  
Acq: 02 Aug 2022 16:30

Tgt Ion:164 Resp: 950837  
Ion Ratio Lower Upper  
164 100  
162 99.5 83.0 124.6  
160 44.3 37.0 55.4

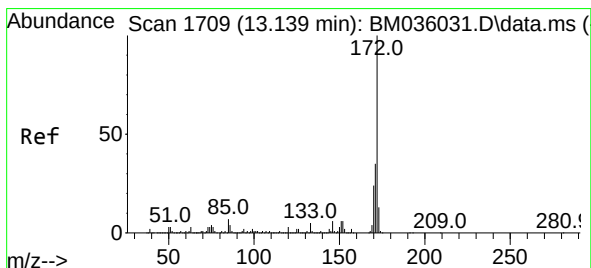
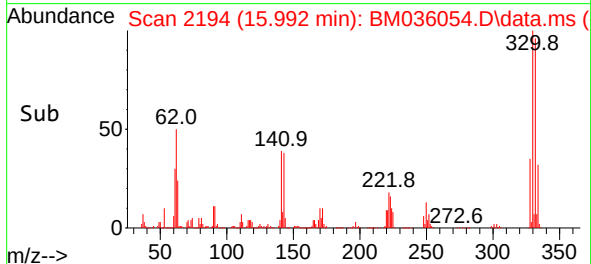
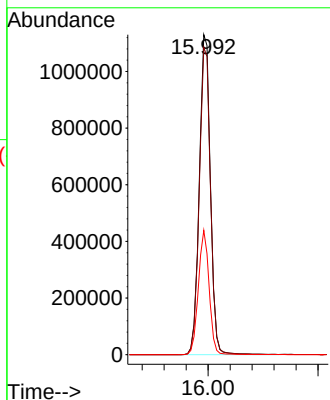
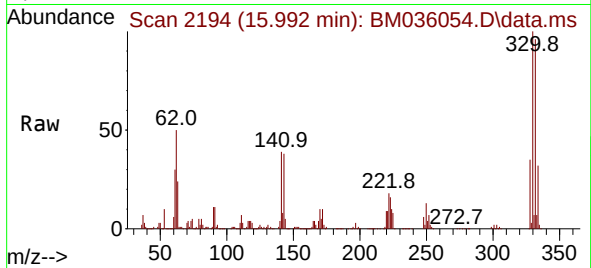




#42  
2,4,6-Tribromophenol  
Concen: 142.342 ng  
RT: 15.992 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BM036054.D  
Acq: 02 Aug 2022 16:30

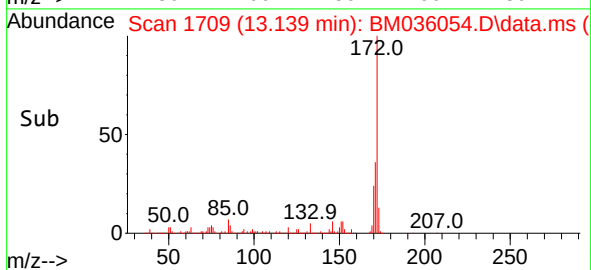
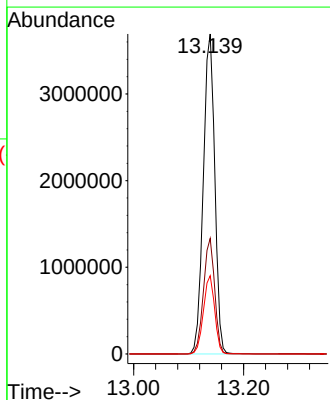
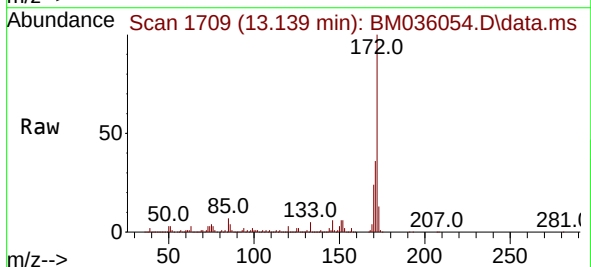
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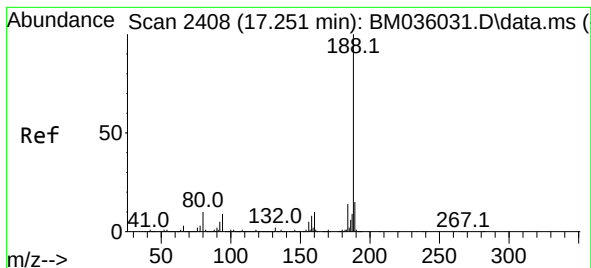
Tgt Ion:330 Resp: 1587760  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.0 115.4  
141 37.8 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 82.927 ng  
RT: 13.139 min Scan# 1709  
Delta R.T. 0.000 min  
Lab File: BM036054.D  
Acq: 02 Aug 2022 16:30

Tgt Ion:172 Resp: 5340424  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.5 42.7  
170 24.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM036054.D

Acq: 02 Aug 2022 16:30

Instrument :

BNA\_M

ClientSampleId :

PB146633TB

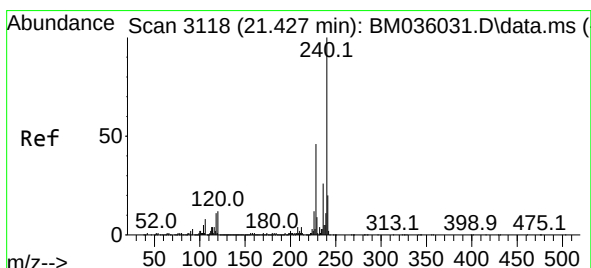
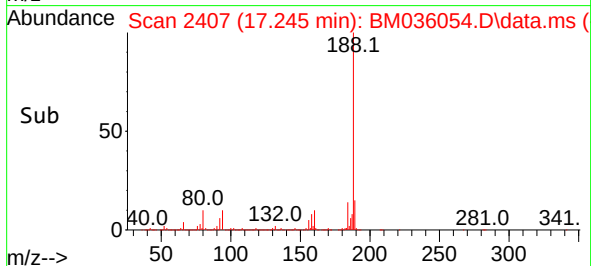
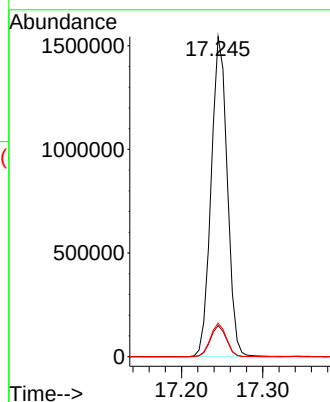
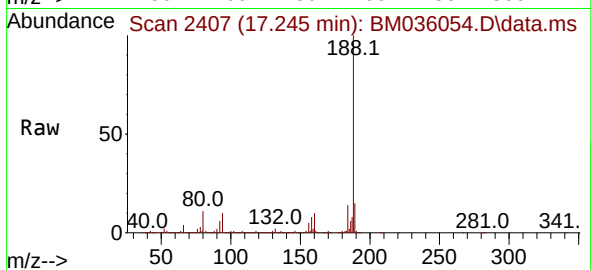
Tgt Ion:188 Resp: 2127779

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

80 10.5 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: BM036054.D

Acq: 02 Aug 2022 16:30

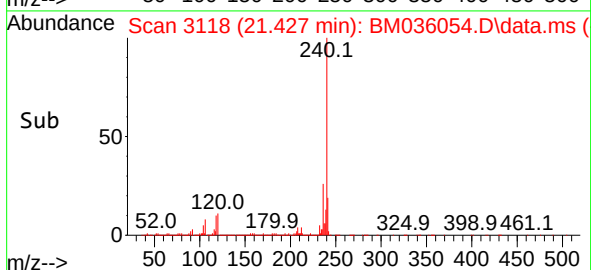
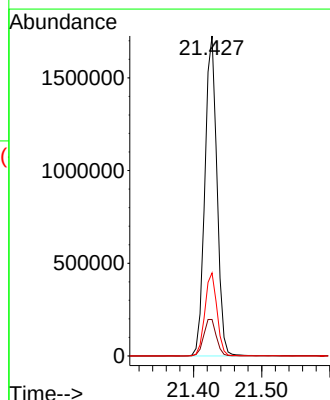
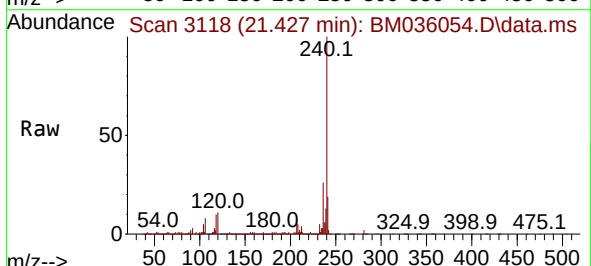
Tgt Ion:240 Resp: 2127142

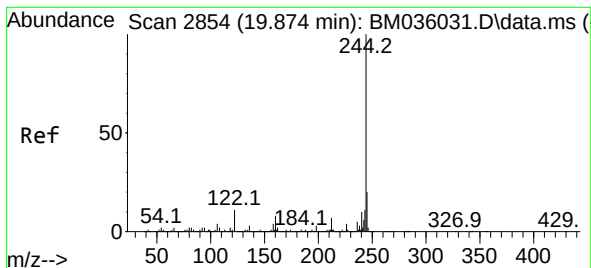
Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.0

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 89.849 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036054.D

Acq: 02 Aug 2022 16:30

Instrument :

BNA\_M

ClientSampleId :

PB146633TB

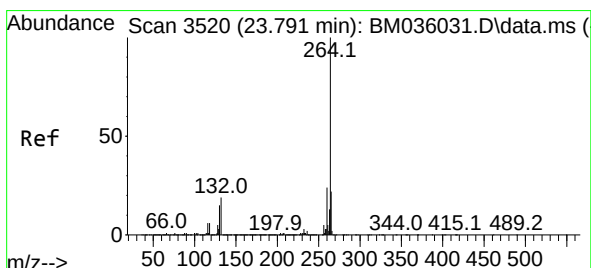
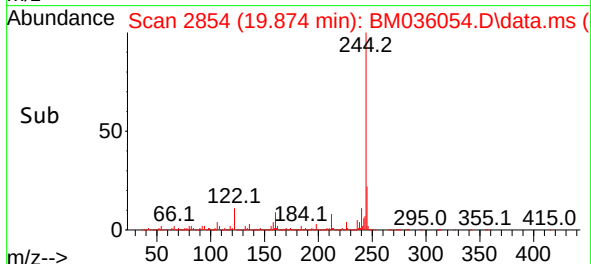
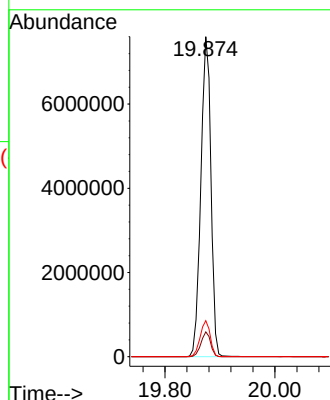
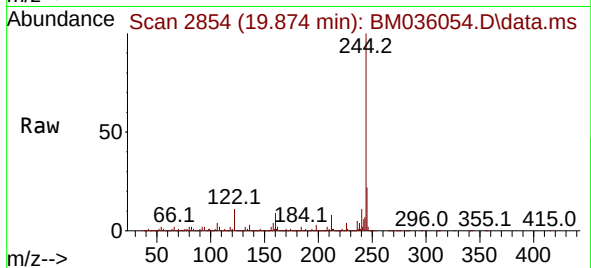
Tgt Ion:244 Resp: 9689574

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 11.2 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.792 min Scan# 3520

Delta R.T. 0.000 min

Lab File: BM036054.D

Acq: 02 Aug 2022 16:30

Tgt Ion:264 Resp: 2175953

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.1 17.5 26.3

