

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031121\  
 Data File : BM029102.D  
 Acq On : 11 Mar 2021 19:36  
 Operator : CG/JU  
 Sample : M1640-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-20-A

Quant Time: Mar 12 00:05:45 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 09 10:08:02 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.657  | 152  | 8651     | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.451 | 136  | 32531    | 20.00 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.327 | 164  | 19083    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.074 | 188  | 38936    | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.250 | 240  | 40449    | 20.00 | ng    | #-0.01   |
| 86) Perylene-d12            | 23.403 | 264  | 44170    | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.234  | 112  | 51438    | 98.55 | ng    | -0.01    |
| 7) Phenol-d6                | 6.857  | 99   | 60097    | 87.18 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.834  | 82   | 38889    | 64.50 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.827 | 330  | 20959    | 92.67 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.939 | 172  | 83026    | 57.92 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.703 | 244  | 115892   | 52.90 | ng    | 0.00     |

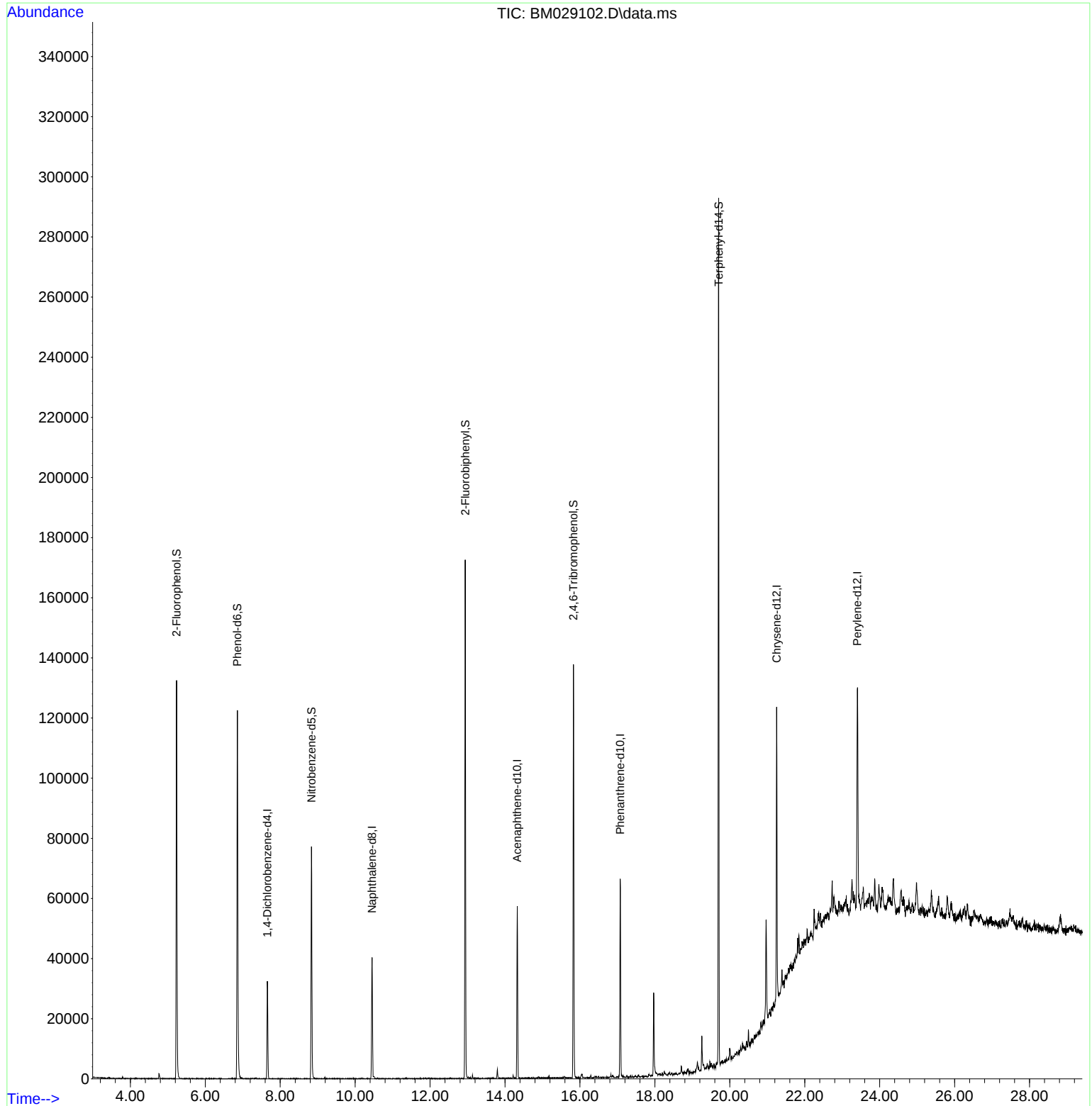
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

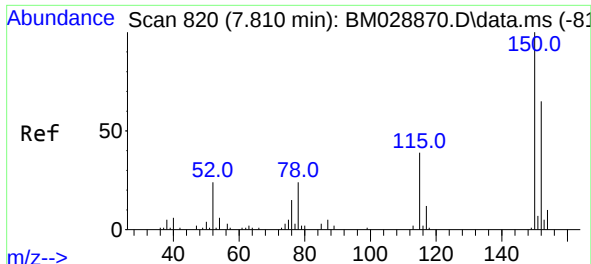
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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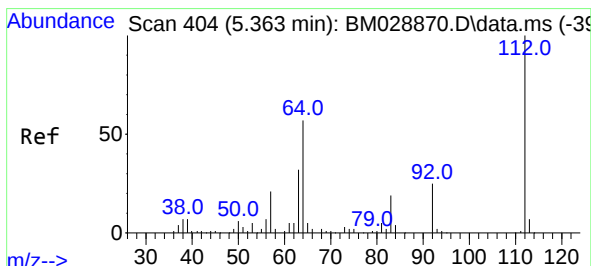
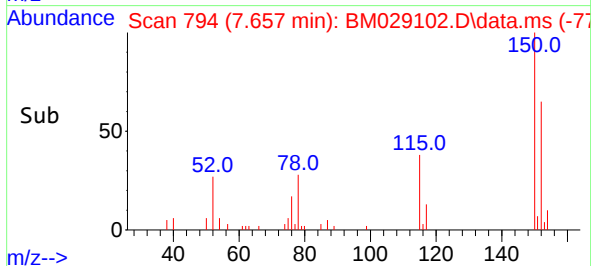
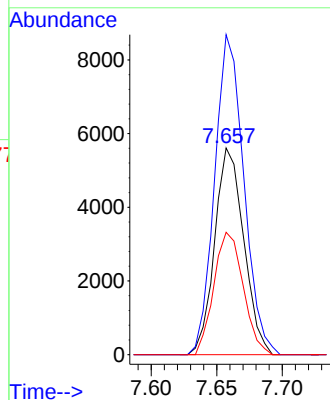
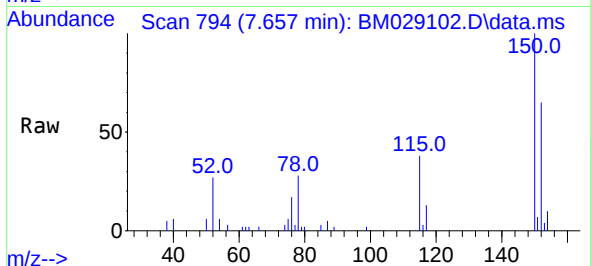




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.657 min Scan# 794  
Delta R.T. -0.012 min  
Lab File: BM029102.D  
Acq: 11 Mar 2021 19:36

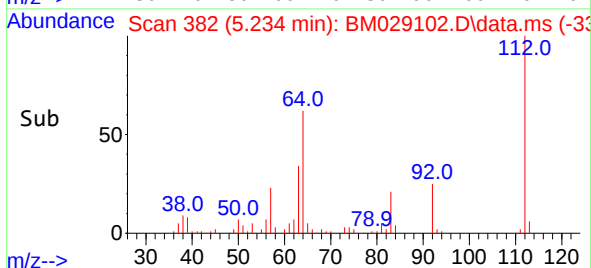
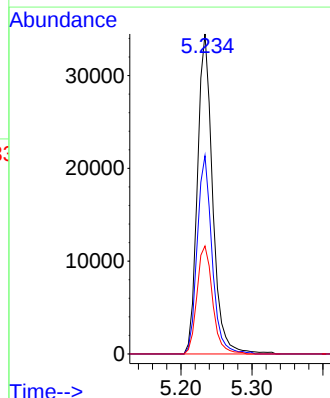
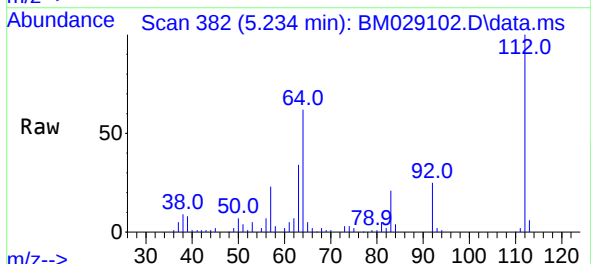
Instrument :  
BNA\_M  
ClientSampled :  
TP-20-A

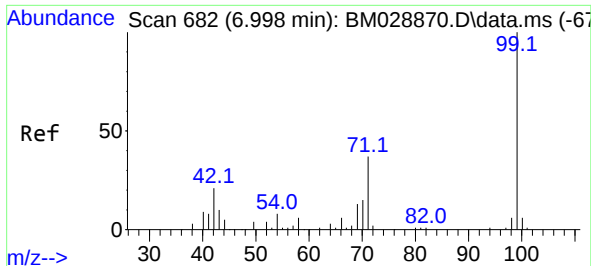
Tgt Ion:152 Resp: 8651  
Ion Ratio Lower Upper  
152 100  
150 154.8 120.6 181.0  
115 59.2 47.2 70.8



#5  
2-Fluorophenol  
Concen: 98.55 ng  
RT: 5.234 min Scan# 382  
Delta R.T. -0.012 min  
Lab File: BM029102.D  
Acq: 11 Mar 2021 19:36

Tgt Ion:112 Resp: 51438  
Ion Ratio Lower Upper  
112 100  
64 62.0 50.6 76.0  
63 33.7 31.0 46.6

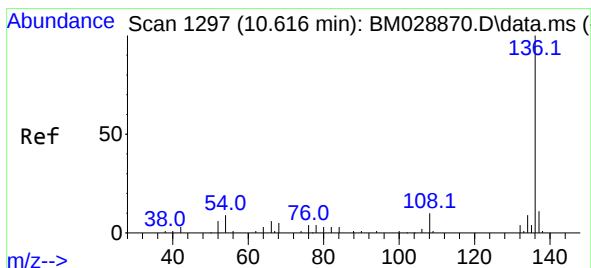
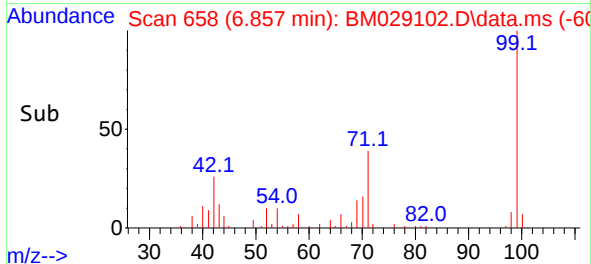
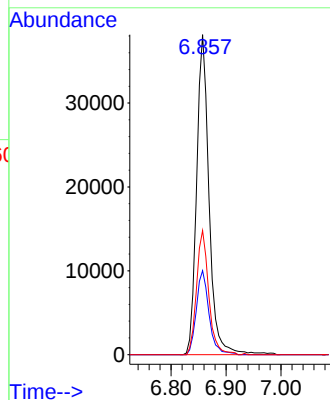
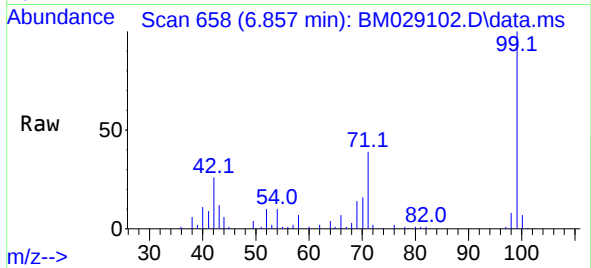




#7  
Phenol-d6  
Concen: 87.18 ng  
RT: 6.857 min Scan# 658  
Delta R.T. -0.012 min  
Lab File: BM029102.D  
Acq: 11 Mar 2021 19:36

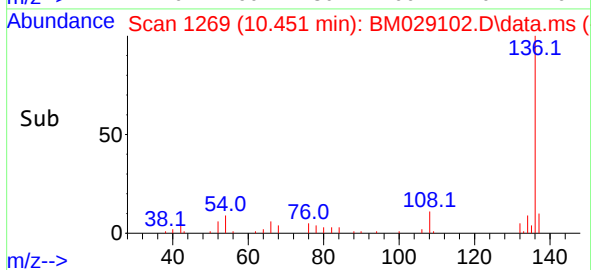
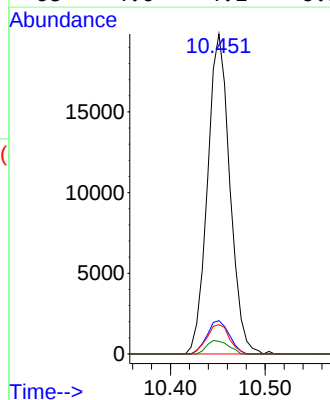
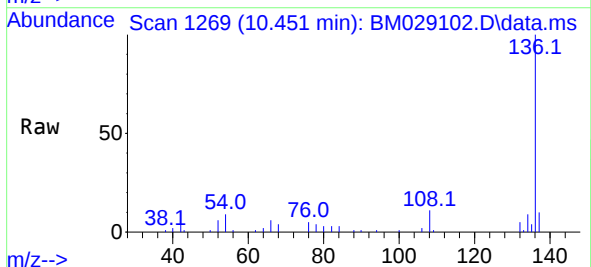
Instrument :  
BNA\_M  
ClientSampleId :  
TP-20-A

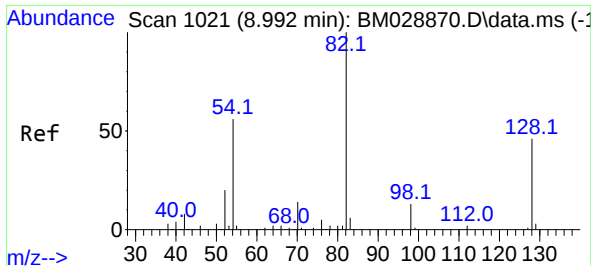
Tgt Ion: 99 Resp: 60097  
Ion Ratio Lower Upper  
99 100  
42 26.2 13.5 20.3#  
71 38.8 39.4 59.0#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.451 min Scan# 1269  
Delta R.T. -0.012 min  
Lab File: BM029102.D  
Acq: 11 Mar 2021 19:36

Tgt Ion: 136 Resp: 32531  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 12.8  
54 9.2 4.6 7.0#  
68 4.0 4.1 6.1#

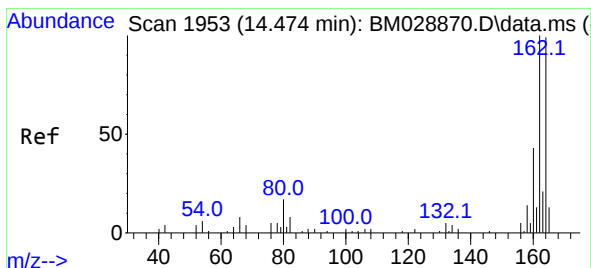
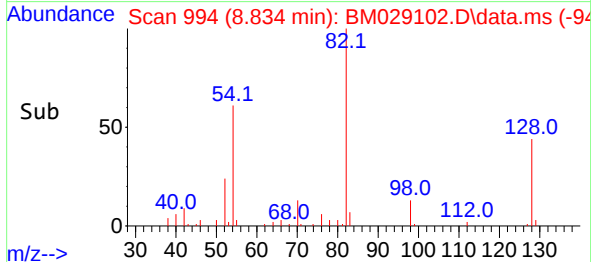
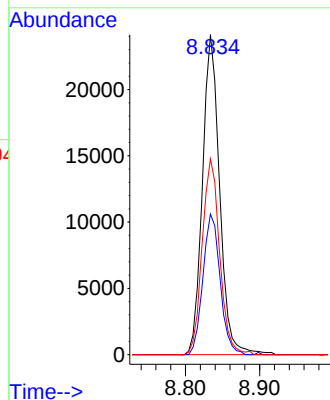
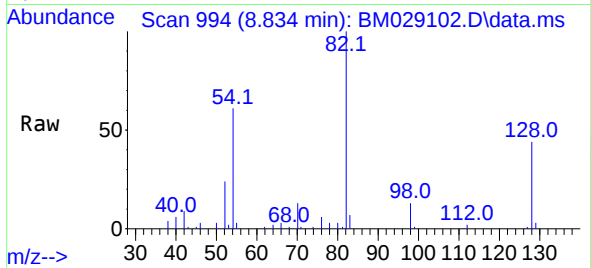




#23  
Nitrobenzene-d5  
Concen: 64.50 ng  
RT: 8.834 min Scan# 994  
Delta R.T. -0.012 min  
Lab File: BM029102.D  
Acq: 11 Mar 2021 19:36

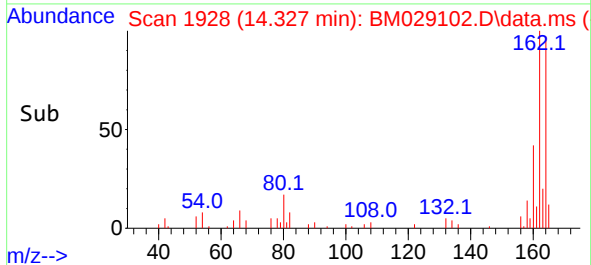
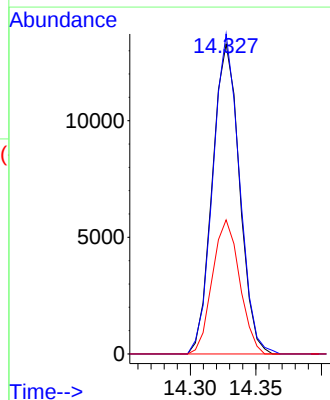
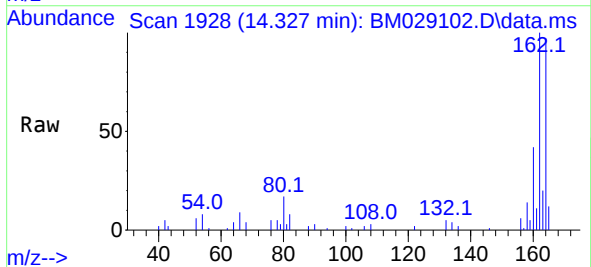
Instrument :  
BNA\_M  
ClientSampled :  
TP-20-A

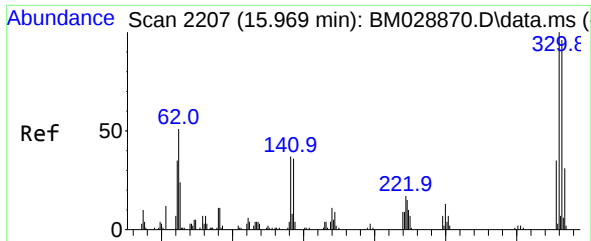
Tgt Ion: 82 Resp: 38889  
Ion Ratio Lower Upper  
82 100  
128 43.9 27.4 41.0#  
54 61.2 31.4 47.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.327 min Scan# 1928  
Delta R.T. -0.012 min  
Lab File: BM029102.D  
Acq: 11 Mar 2021 19:36

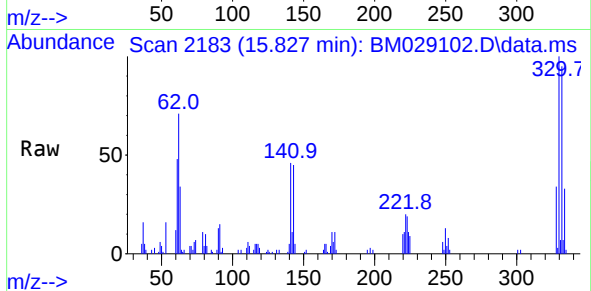
Tgt Ion:164 Resp: 19083  
Ion Ratio Lower Upper  
164 100  
162 103.3 80.4 120.6  
160 43.3 35.9 53.9



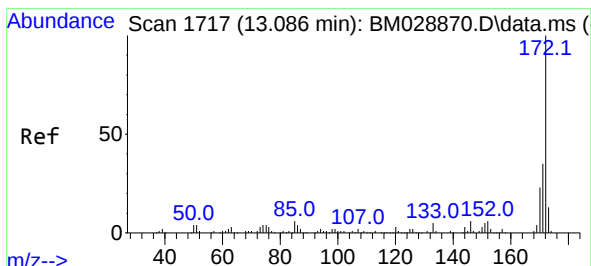
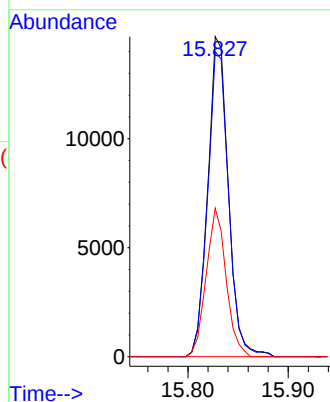
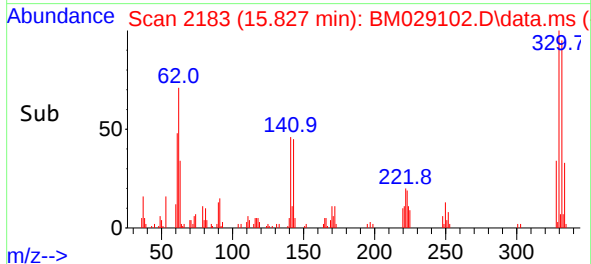


#42  
2,4,6-Tribromophenol  
Concen: 92.67 ng  
RT: 15.827 min Scan# 2183  
Delta R.T. -0.012 min  
Lab File: BM029102.D  
Acq: 11 Mar 2021 19:36

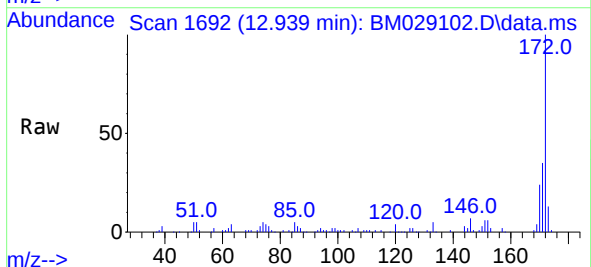
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BNA\_M  
ClientSampleId :  
TP-20-A



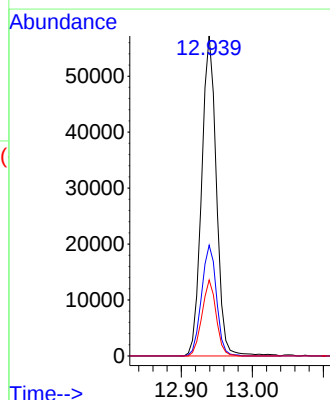
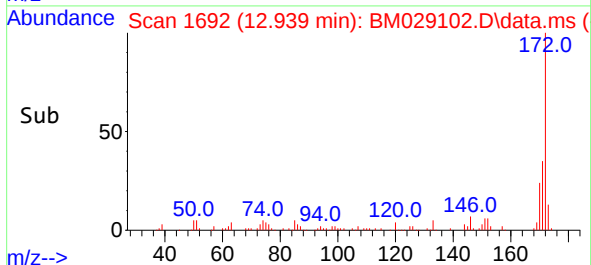
Tgt Ion:330 Resp: 20959  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.8  
141 45.0 28.4 42.6#

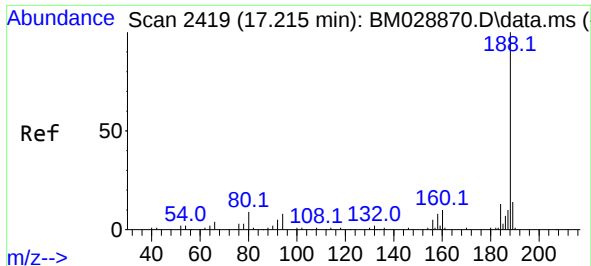


#45  
2-Fluorobiphenyl  
Concen: 57.92 ng  
RT: 12.939 min Scan# 1692  
Delta R.T. -0.012 min  
Lab File: BM029102.D  
Acq: 11 Mar 2021 19:36



Tgt Ion:172 Resp: 83026  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.8 41.8  
170 23.8 18.6 27.8

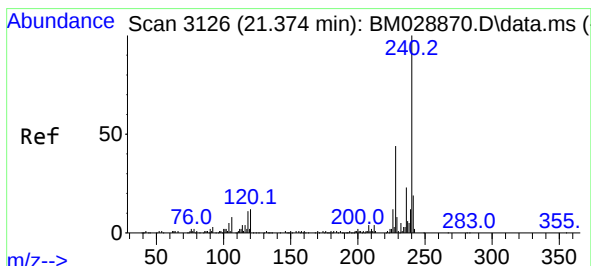
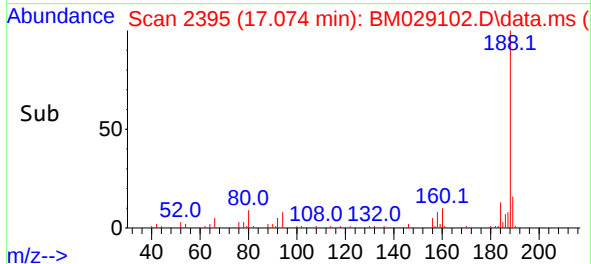
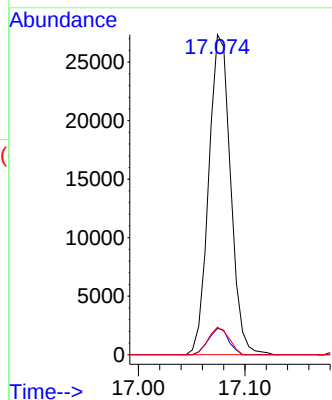
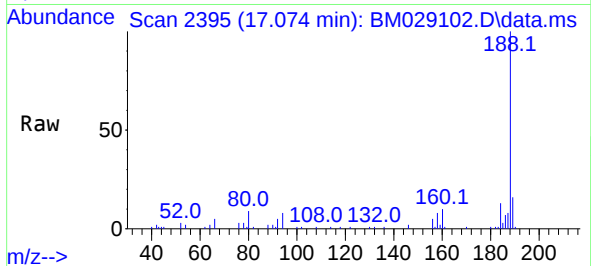




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.074 min Scan# 2395  
Delta R.T. -0.012 min  
Lab File: BM029102.D  
Acq: 11 Mar 2021 19:36

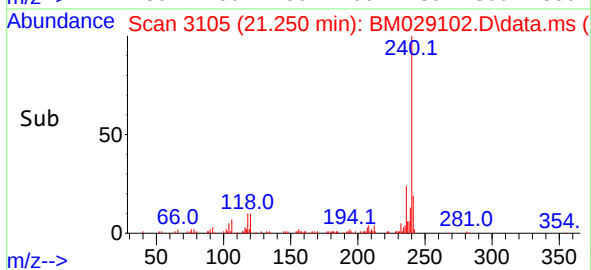
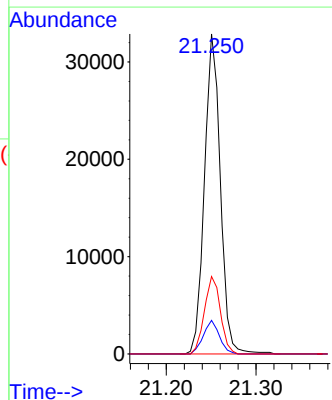
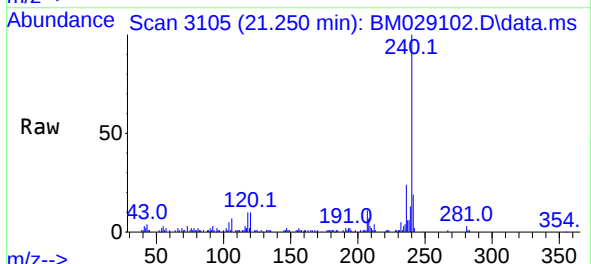
Instrument :  
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ClientSampled :  
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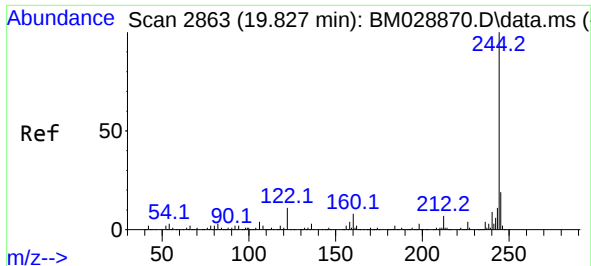
Tgt Ion:188 Resp: 38936  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.2 9.4  
80 8.6 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.250 min Scan# 3105  
Delta R.T. -0.012 min  
Lab File: BM029102.D  
Acq: 11 Mar 2021 19:36

Tgt Ion:240 Resp: 40449  
Ion Ratio Lower Upper  
240 100  
120 10.5 6.4 9.6#  
236 24.2 20.1 30.1

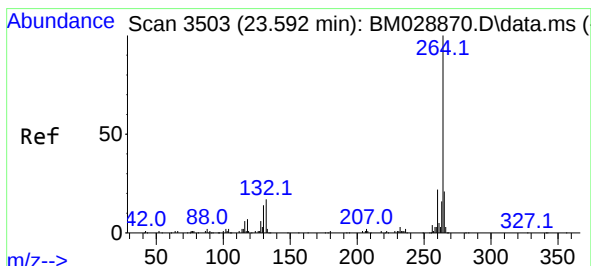
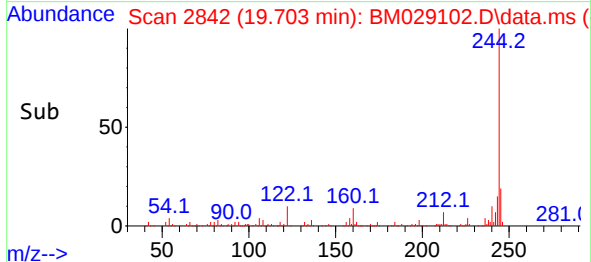
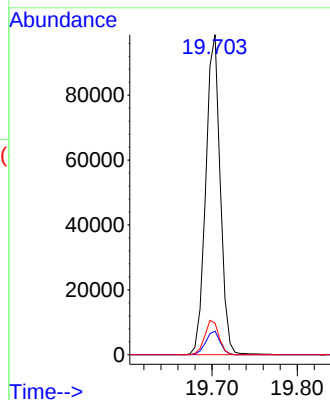
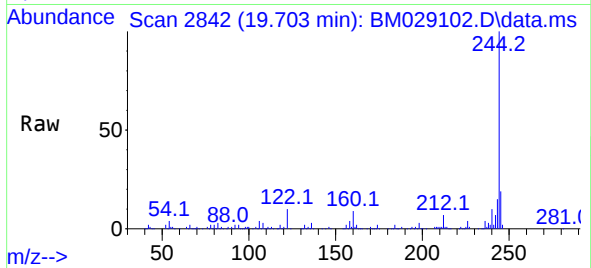




#79  
 Terphenyl-d14  
 Concen: 52.90 ng  
 RT: 19.703 min Scan# 2842  
 Delta R.T. -0.006 min  
 Lab File: BM029102.D  
 Acq: 11 Mar 2021 19:36

Instrument :  
 BNA\_M  
 ClientSampled :  
 TP-20-A

Tgt Ion:244 Resp: 115892  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 9.9 6.5 9.7#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.403 min Scan# 3471  
 Delta R.T. -0.018 min  
 Lab File: BM029102.D  
 Acq: 11 Mar 2021 19:36

Tgt Ion:264 Resp: 44170  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 19.0 28.4  
 265 23.2 17.7 26.5

