

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022521\  
 Data File : BM028892.D  
 Acq On : 25 Feb 2021 10:18  
 Operator : CG/JU  
 Sample : PB134792BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB134792BL

Quant Time: Feb 25 11:34:22 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 23 16:39:41 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.804  | 152  | 19090    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.604 | 136  | 75138    | 20.00  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.463 | 164  | 43861    | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.204 | 188  | 88758    | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.368 | 240  | 69358    | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.574 | 264  | 62187    | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.357  | 112  | 163900   | 142.31 | ng    | 0.00     |
| 7) Phenol-d6                | 6.992  | 99   | 198867   | 130.73 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.981  | 82   | 120392   | 86.45  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.962 | 330  | 67376    | 129.61 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.080 | 172  | 272760   | 82.79  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.821 | 244  | 311080   | 82.82  | ng    | 0.00     |

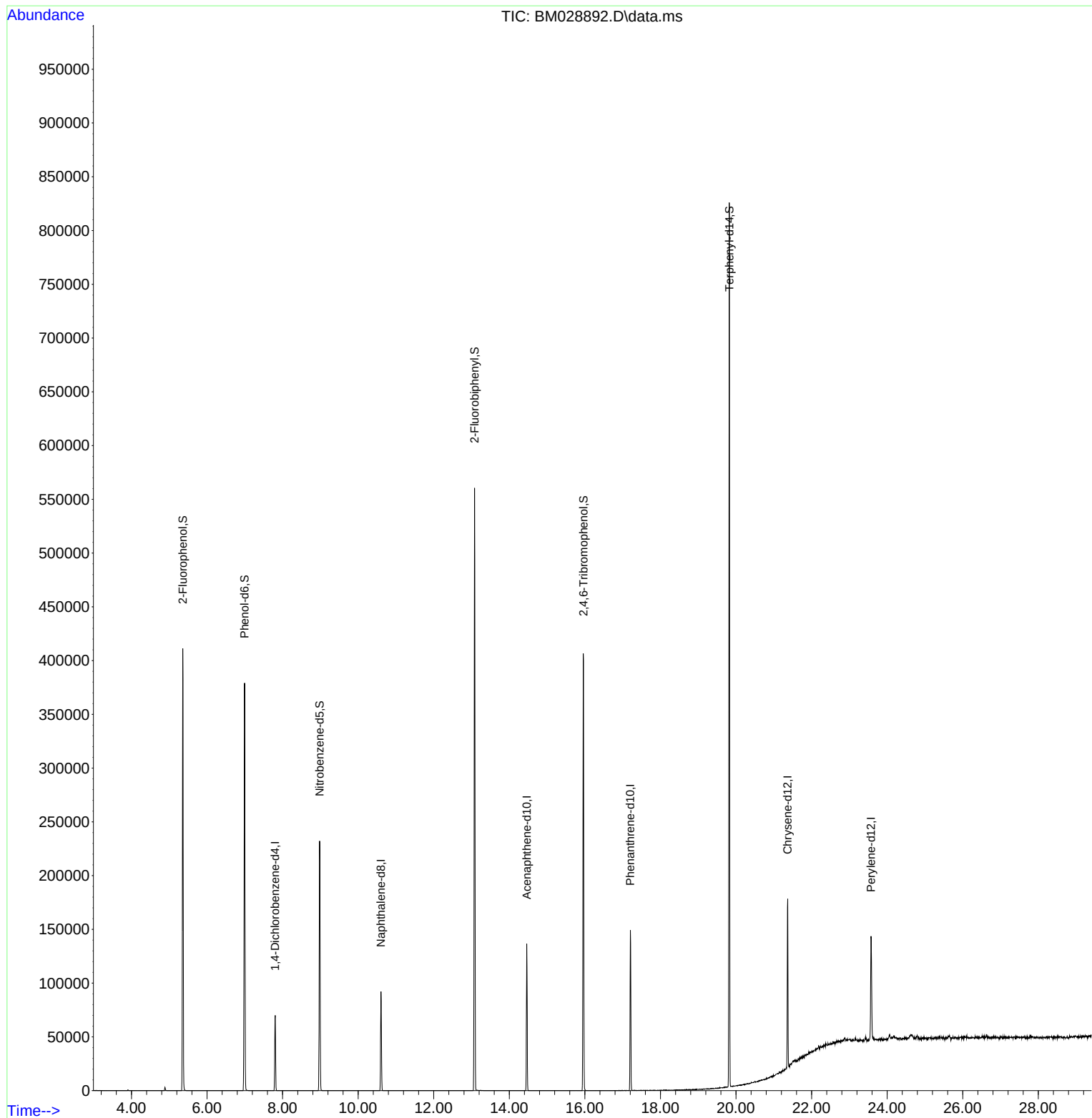
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

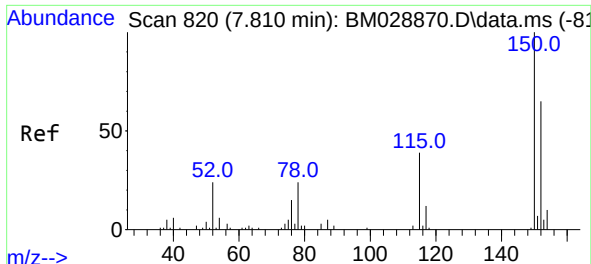
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 23 16:39:41 2021  
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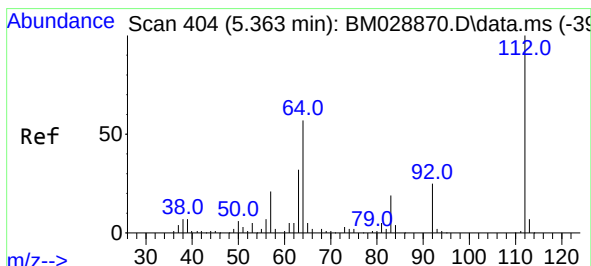
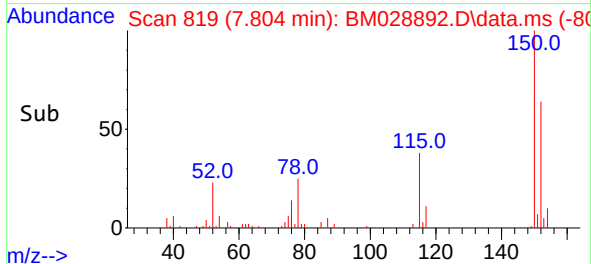
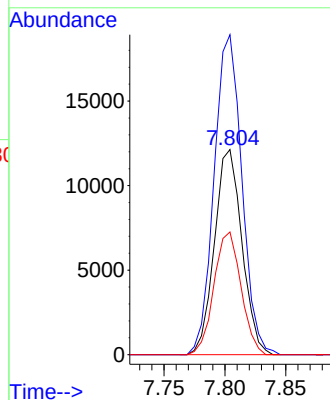
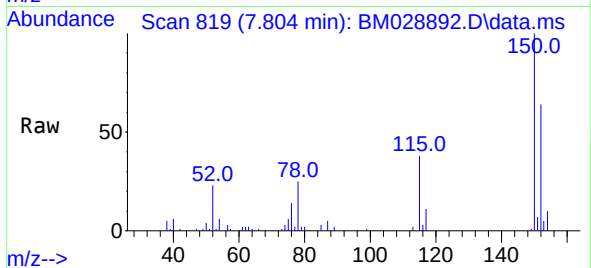




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.804 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

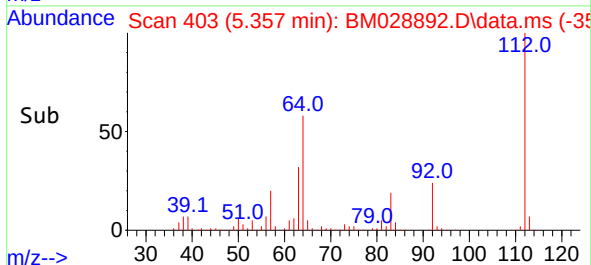
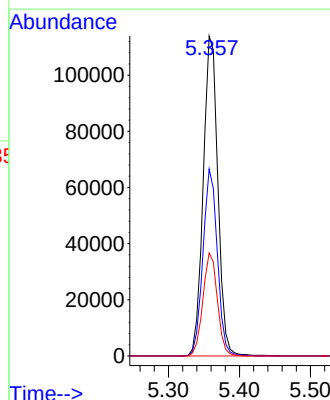
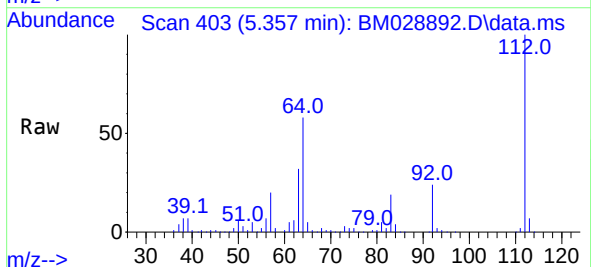
Instrument :  
BNA\_M  
ClientSampleId :  
PB134792BL

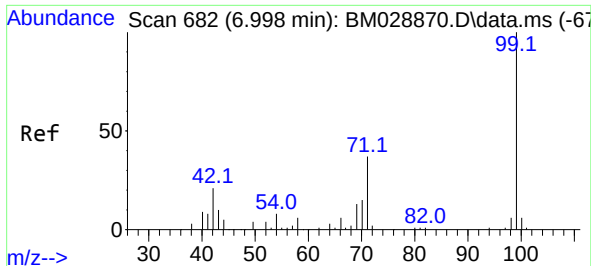
Tgt Ion:152 Resp: 19090  
Ion Ratio Lower Upper  
152 100  
150 156.0 120.6 181.0  
115 59.8 47.2 70.8



#5  
2-Fluorophenol  
Concen: 142.31 ng  
RT: 5.357 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

Tgt Ion:112 Resp: 163900  
Ion Ratio Lower Upper  
112 100  
64 58.5 50.6 76.0  
63 32.2 31.0 46.6

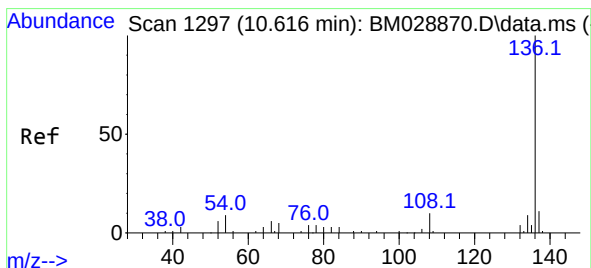
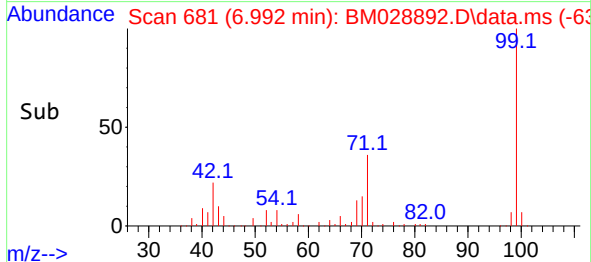
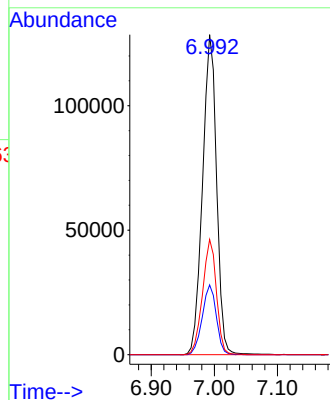
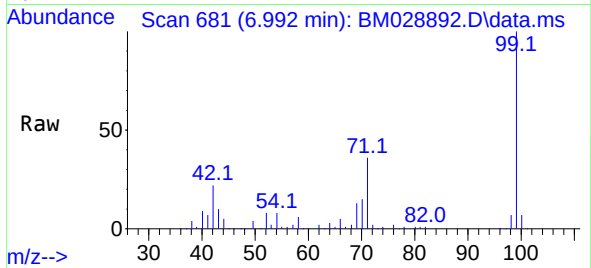




#7  
Phenol-d6  
Concen: 130.73 ng  
RT: 6.992 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

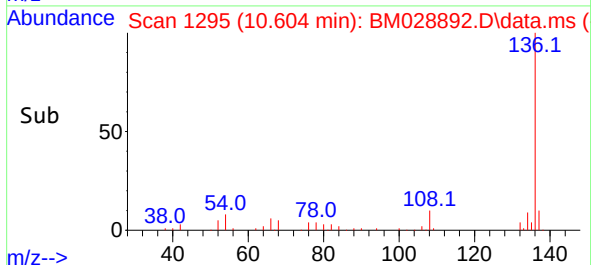
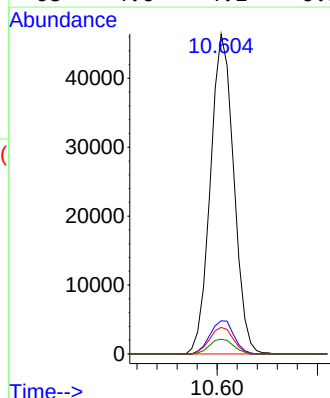
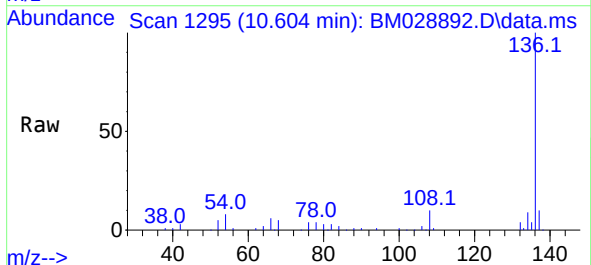
Instrument :  
BNA\_M  
ClientSampleId :  
PB134792BL

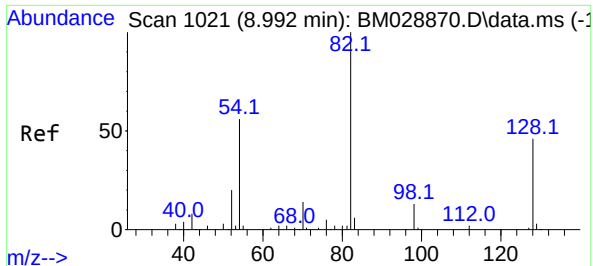
Tgt Ion: 99 Resp: 198867  
Ion Ratio Lower Upper  
99 100  
42 21.8 13.5 20.3#  
71 36.0 39.4 59.0#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.604 min Scan# 1295  
Delta R.T. -0.012 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

Tgt Ion: 136 Resp: 75138  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 12.8  
54 8.3 4.6 7.0#  
68 4.6 4.1 6.1

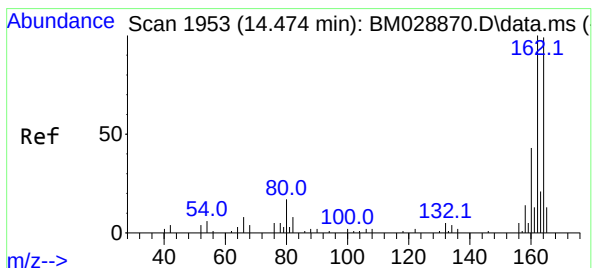
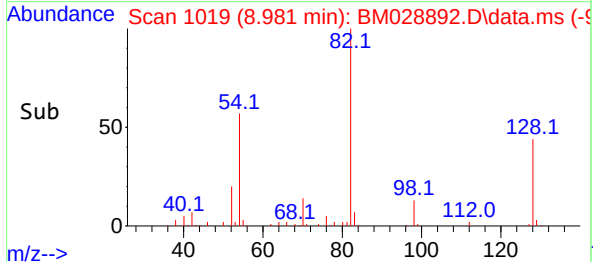
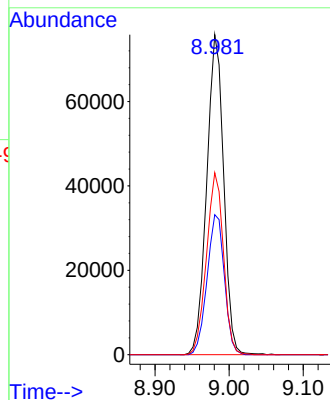
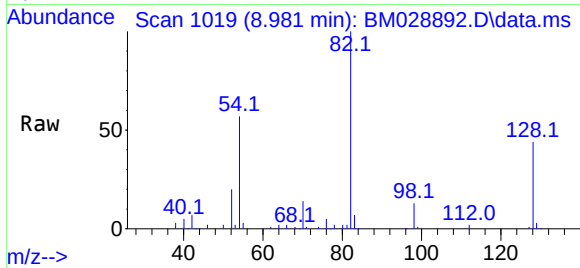




#23  
Nitrobenzene-d5  
Concen: 86.45 ng  
RT: 8.981 min Scan# 1019  
Delta R.T. -0.012 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

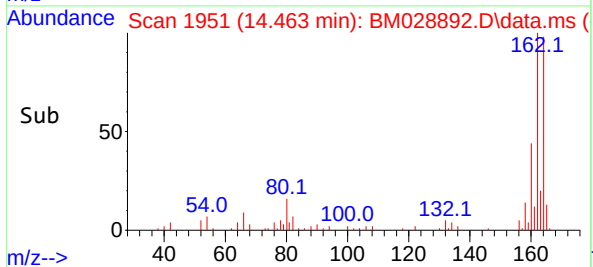
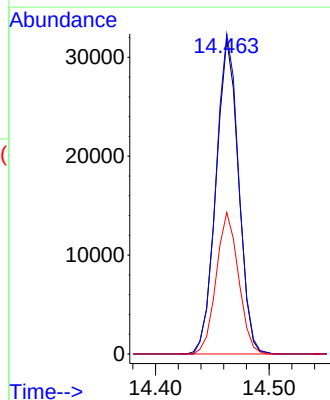
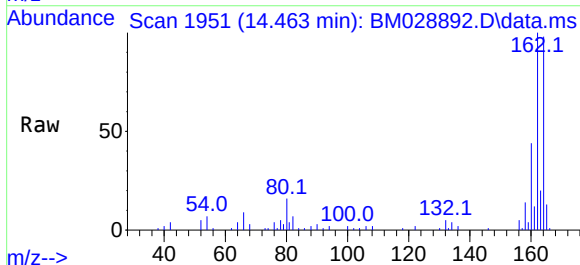
Instrument :  
BNA\_M  
ClientSampleId :  
PB134792BL

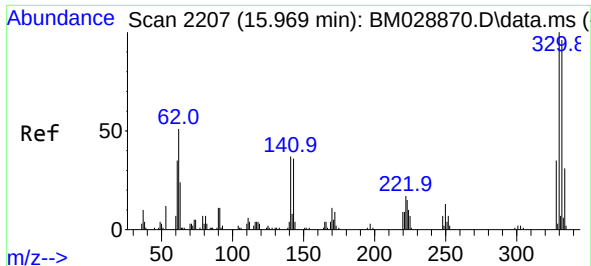
Tgt Ion: 82 Resp: 120392  
Ion Ratio Lower Upper  
82 100  
128 43.7 27.4 41.0#  
54 56.8 31.4 47.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.463 min Scan# 1951  
Delta R.T. -0.012 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

Tgt Ion:164 Resp: 43861  
Ion Ratio Lower Upper  
164 100  
162 101.7 80.4 120.6  
160 44.9 35.9 53.9

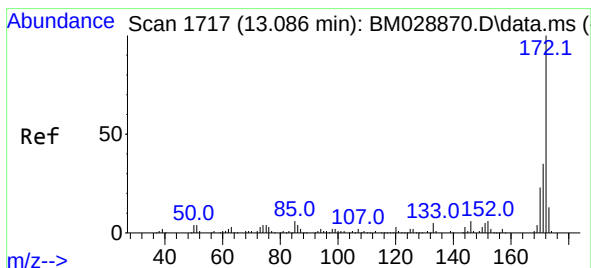
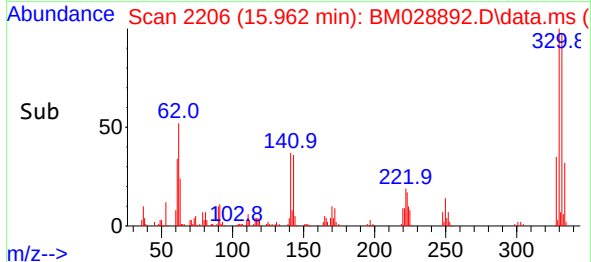
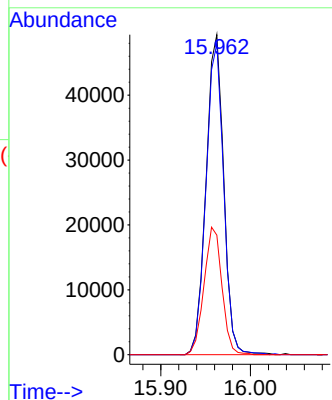
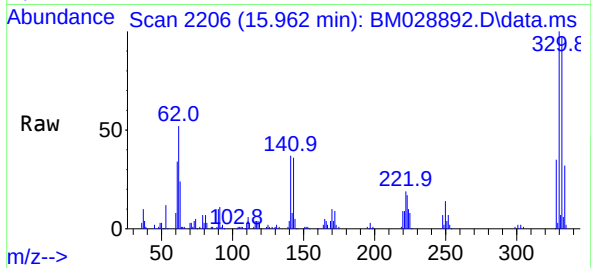




#42  
2,4,6-Tribromophenol  
Concen: 129.61 ng  
RT: 15.962 min Scan# 2206  
Delta R.T. -0.006 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

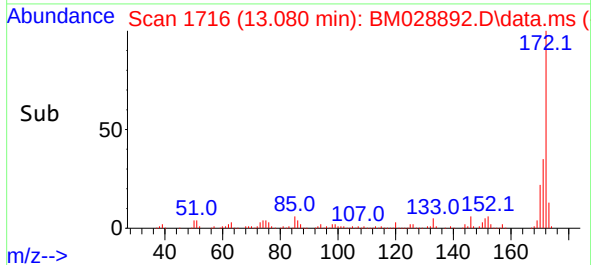
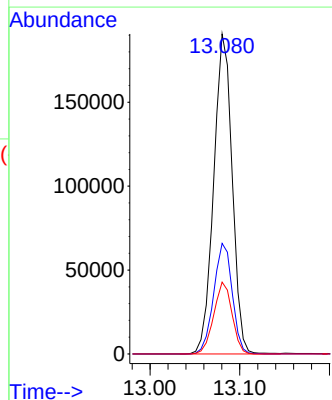
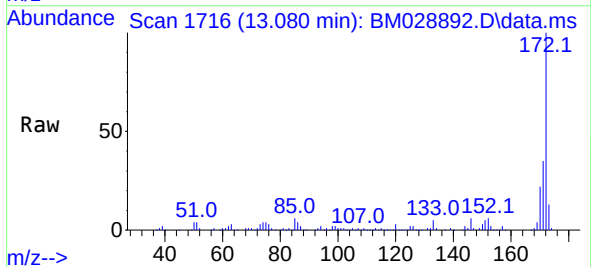
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ClientSampleId :  
PB134792BL

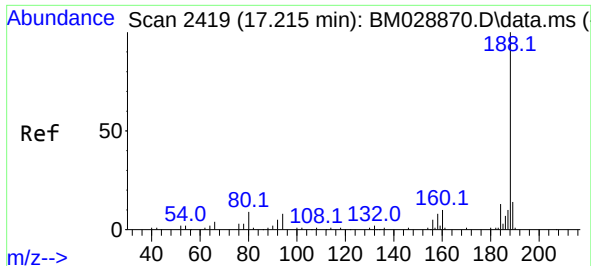
Tgt Ion:330 Resp: 67376  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.8  
141 40.5 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 82.79 ng  
RT: 13.080 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

Tgt Ion:172 Resp: 272760  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.8 41.8  
170 22.5 18.6 27.8

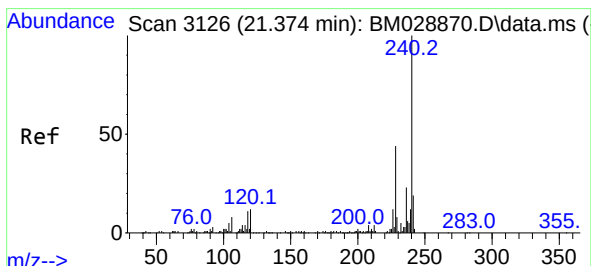
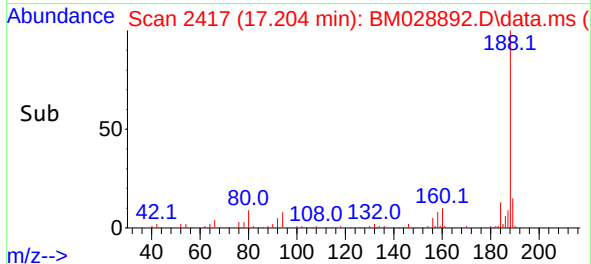
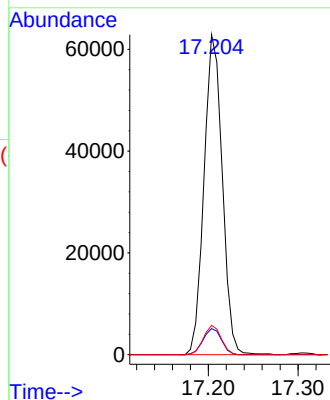
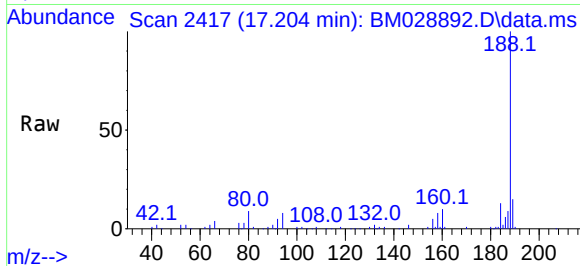




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.204 min Scan# 2417  
Delta R.T. -0.012 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

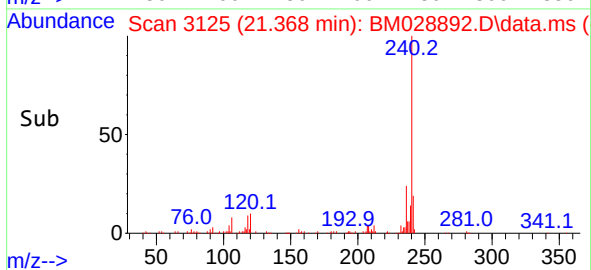
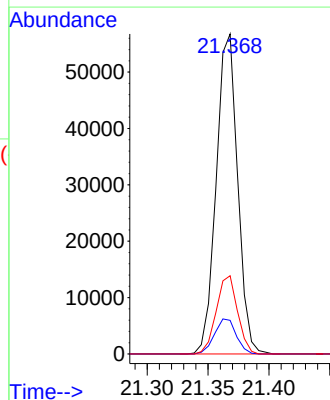
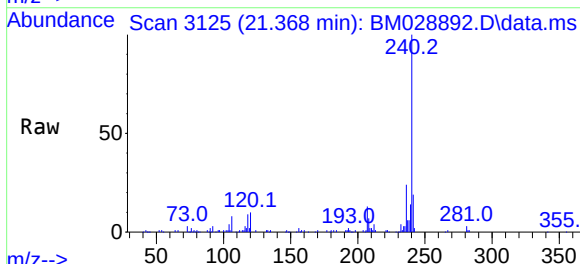
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BNA\_M  
ClientSampled :  
PB134792BL

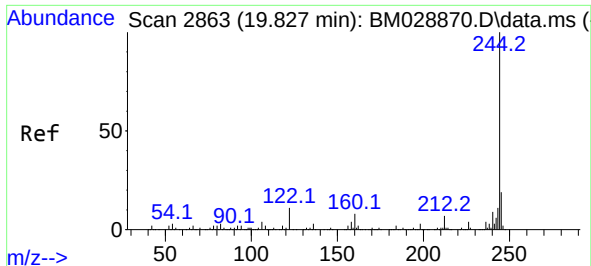
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 88758    |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 8.2   | 6.2 9.4  |
| 80          | 9.1   | 7.5 11.3 |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.368 min Scan# 3125  
Delta R.T. -0.006 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 69358     |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 10.5  | 6.4 9.6#  |
| 236         | 24.5  | 20.1 30.1 |

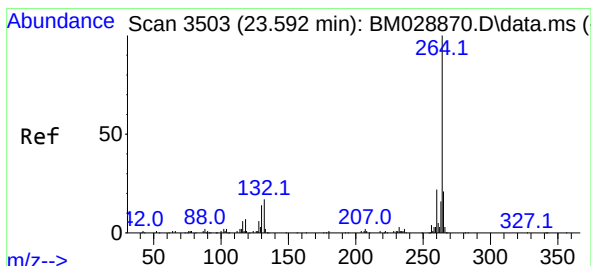
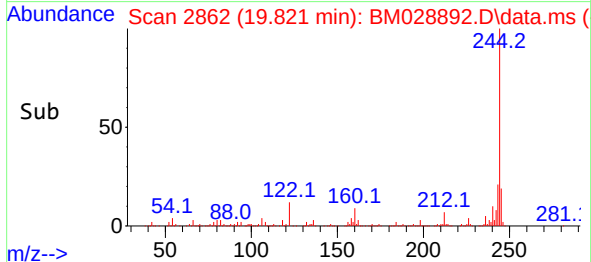
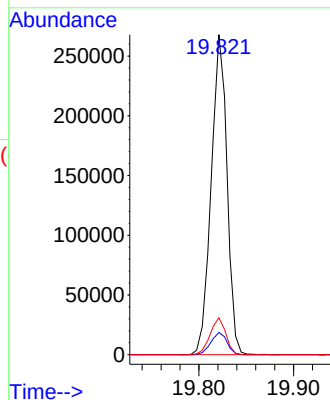
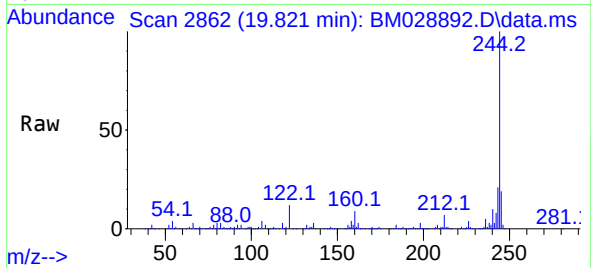




#79  
Terphenyl-d14  
Concen: 82.82 ng  
RT: 19.821 min Scan# 2862  
Delta R.T. -0.006 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

Instrument :  
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Tgt Ion:244 Resp: 311080  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.8 8.8  
122 11.6 6.5 9.7#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.574 min Scan# 3500  
Delta R.T. -0.018 min  
Lab File: BM028892.D  
Acq: 25 Feb 2021 10:18

Tgt Ion:264 Resp: 62187  
Ion Ratio Lower Upper  
264 100  
260 22.4 19.0 28.4  
265 22.2 17.7 26.5

