

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030521\  
 Data File : BM028995.D  
 Acq On : 05 Mar 2021 14:28  
 Operator : CG/JU  
 Sample : PB134995BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB134995BL

Quant Time: Mar 05 15:04:26 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 05 13:17:12 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.681  | 152  | 12811    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.475 | 136  | 46775    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.345 | 164  | 24963    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.092 | 188  | 47285    | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.268 | 240  | 40024    | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.433 | 264  | 38757    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.246  | 112  | 113440   | 146.77 | ng    | 0.00     |
| 7) Phenol-d6                | 6.869  | 99   | 132044   | 129.35 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.857  | 82   | 82629    | 95.31  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.845 | 330  | 37570    | 126.99 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.963 | 172  | 169068   | 90.16  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.721 | 244  | 184642   | 85.18  | ng    | 0.00     |

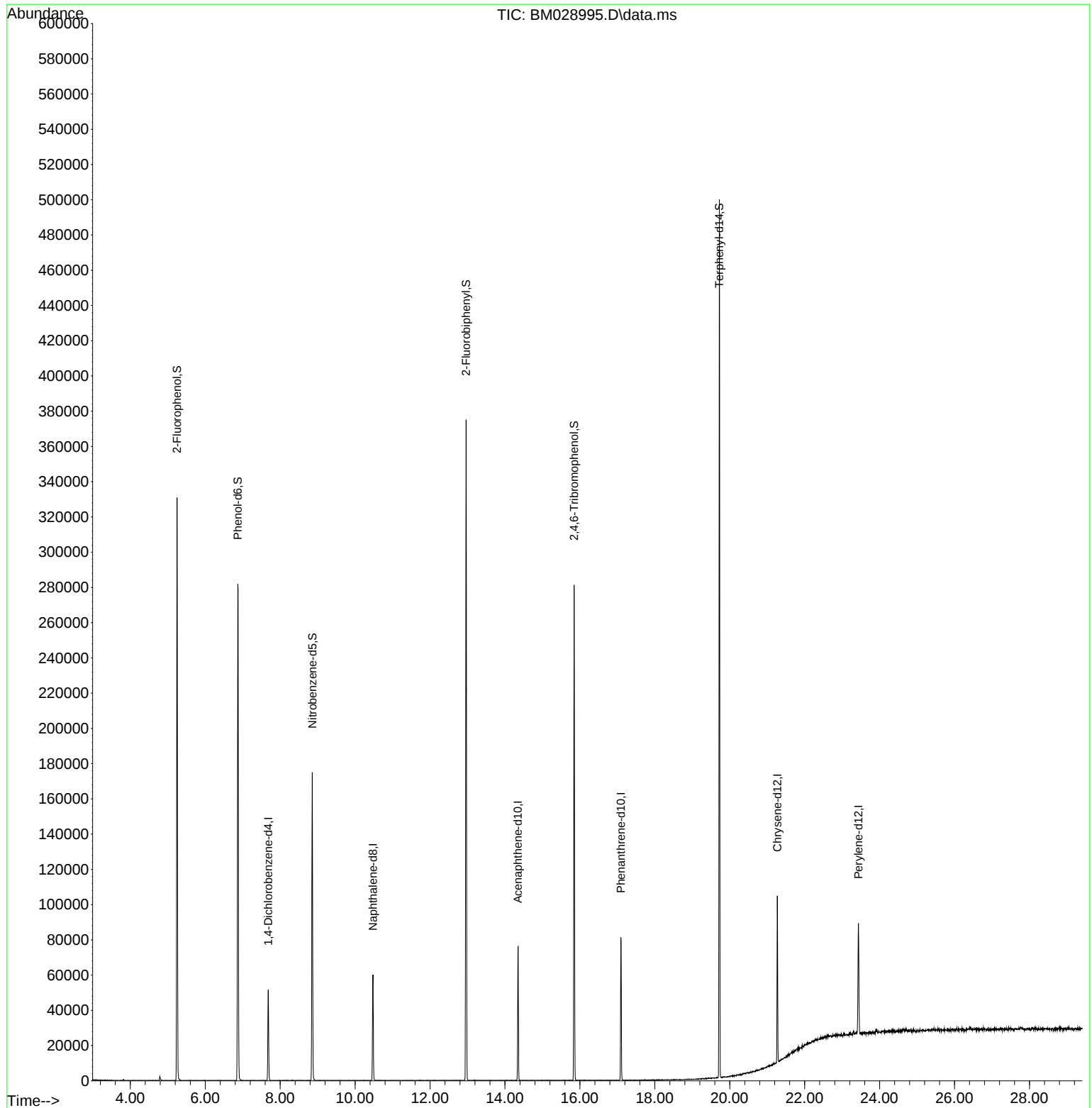
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

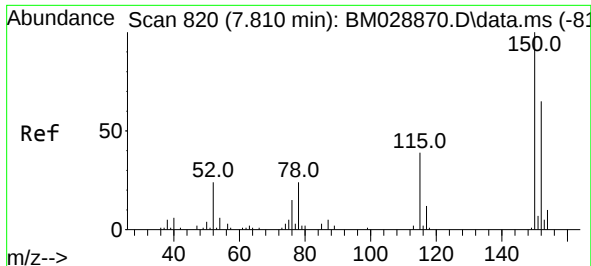
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 05 13:17:12 2021  
Response via : Initial Calibration

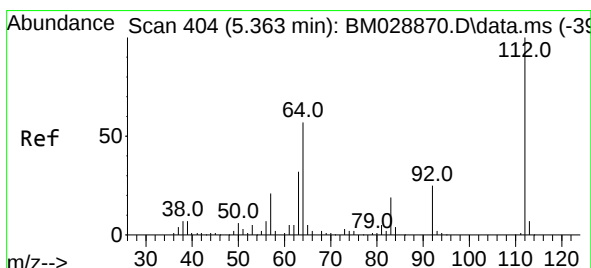
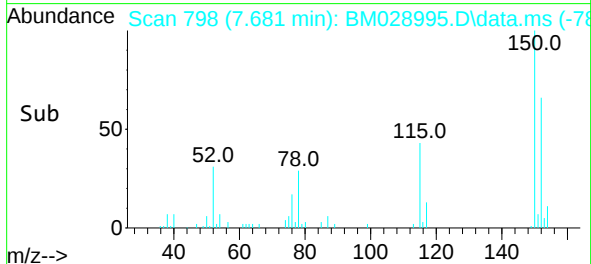
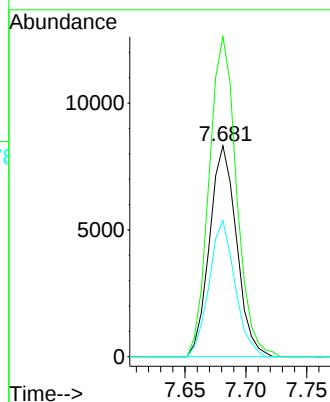
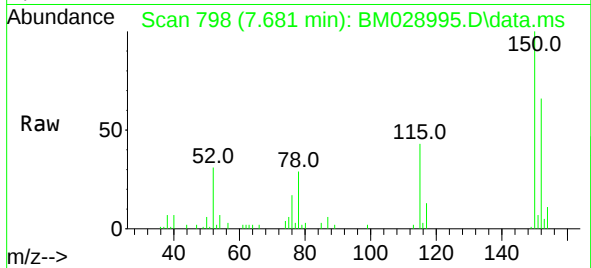




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.681 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: BM028995.D  
Acq: 05 Mar 2021 14:28

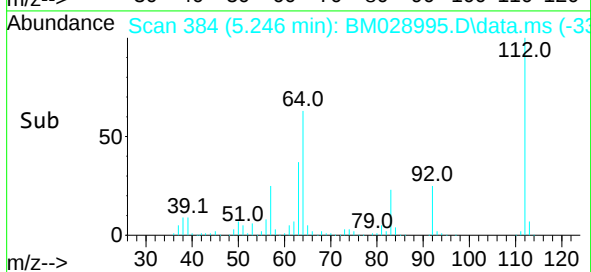
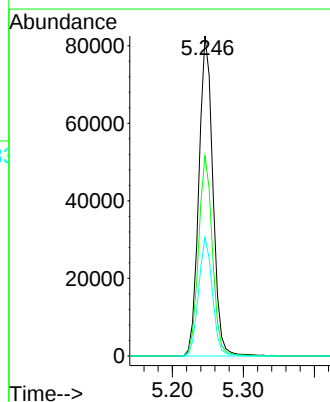
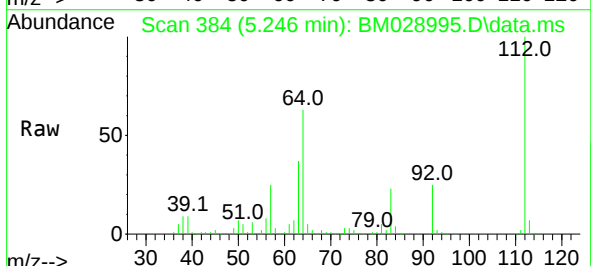
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BNA\_M  
ClientSampleId :  
PB134995BL

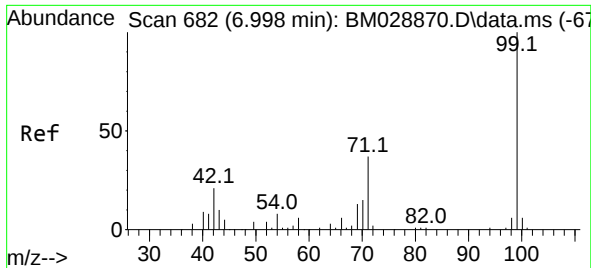
Tgt Ion:152 Resp: 12811  
Ion Ratio Lower Upper  
152 100  
150 151.7 120.6 181.0  
115 64.5 47.2 70.8



#5  
2-Fluorophenol  
Concen: 146.77 ng  
RT: 5.246 min Scan# 384  
Delta R.T. 0.000 min  
Lab File: BM028995.D  
Acq: 05 Mar 2021 14:28

Tgt Ion:112 Resp: 113440  
Ion Ratio Lower Upper  
112 100  
64 62.6 50.6 76.0  
63 37.0 31.0 46.6

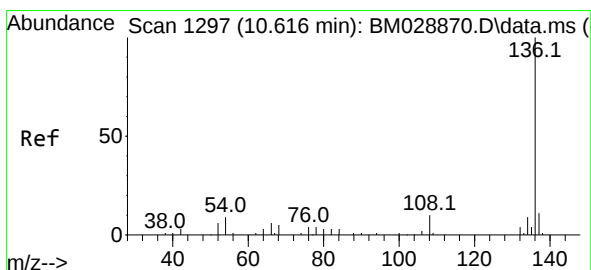
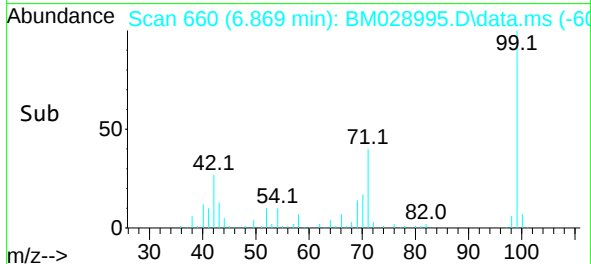
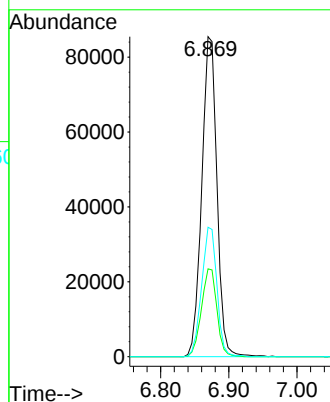
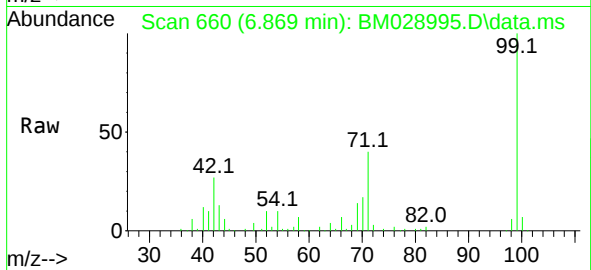




#7  
Phenol-d6  
Concen: 129.35 ng  
RT: 6.869 min Scan# 660  
Delta R.T. 0.000 min  
Lab File: BM028995.D  
Acq: 05 Mar 2021 14:28

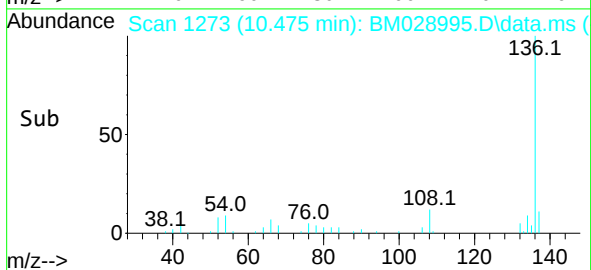
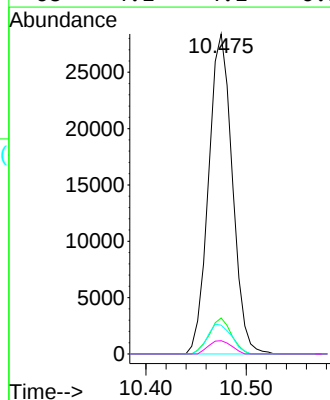
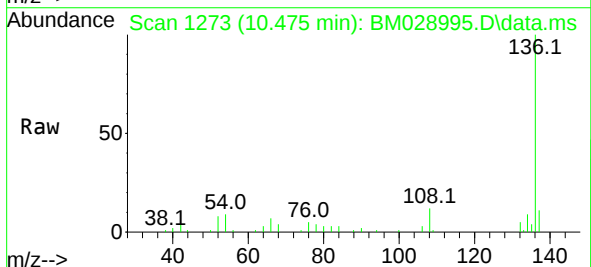
Instrument :  
BNA\_M  
ClientSampleId :  
PB134995BL

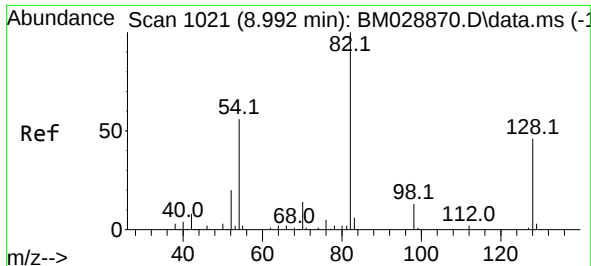
Tgt Ion: 99 Resp: 132044  
Ion Ratio Lower Upper  
99 100  
42 27.5 13.5 20.3#  
71 40.5 39.4 59.0



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.475 min Scan# 1273  
Delta R.T. 0.000 min  
Lab File: BM028995.D  
Acq: 05 Mar 2021 14:28

Tgt Ion: 136 Resp: 46775  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 12.8  
54 9.0 4.6 7.0#  
68 4.1 4.1 6.1

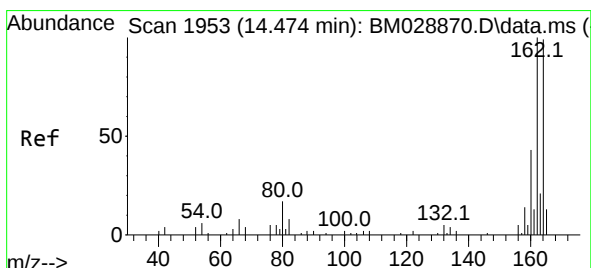
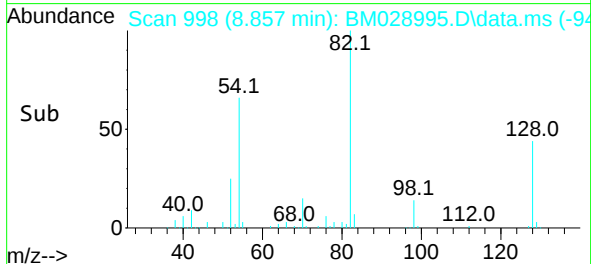
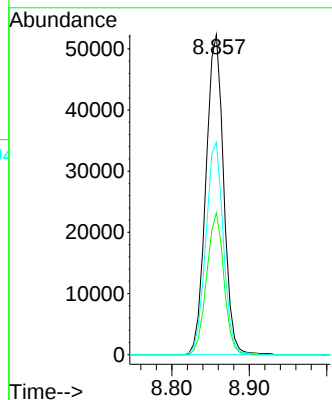
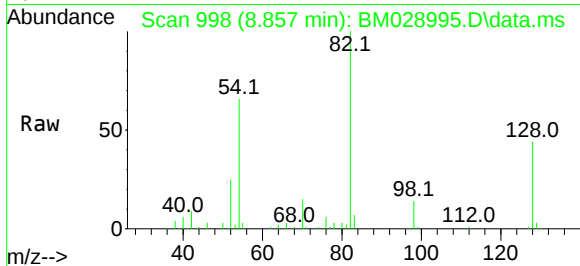




#23  
Nitrobenzene-d5  
Concen: 95.31 ng  
RT: 8.857 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BM028995.D  
Acq: 05 Mar 2021 14:28

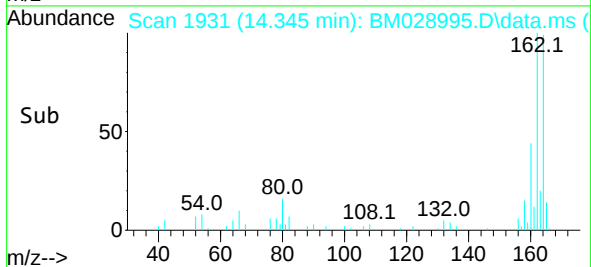
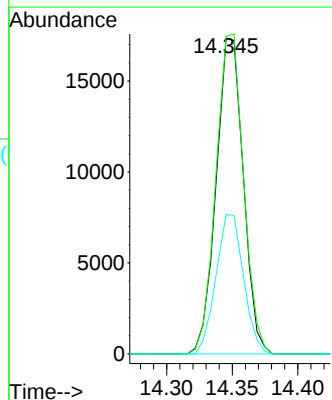
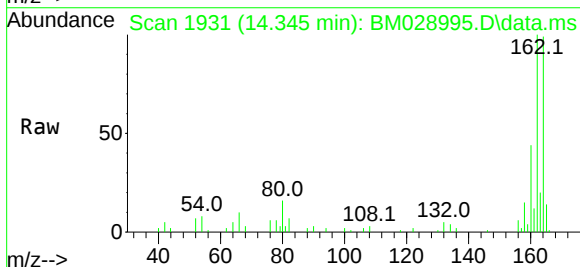
Instrument :  
BNA\_M  
ClientSampleId :  
PB134995BL

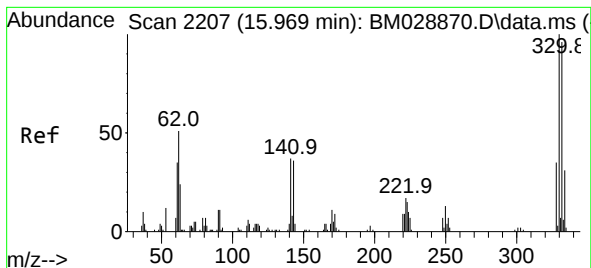
Tgt Ion: 82 Resp: 82629  
Ion Ratio Lower Upper  
82 100  
128 44.3 27.4 41.0#  
54 66.5 31.4 47.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.345 min Scan# 1931  
Delta R.T. -0.006 min  
Lab File: BM028995.D  
Acq: 05 Mar 2021 14:28

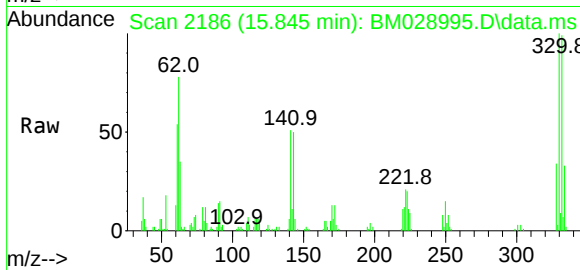
Tgt Ion: 164 Resp: 24963  
Ion Ratio Lower Upper  
164 100  
162 100.6 80.4 120.6  
160 44.1 35.9 53.9



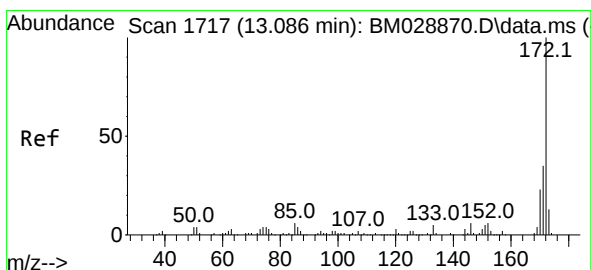
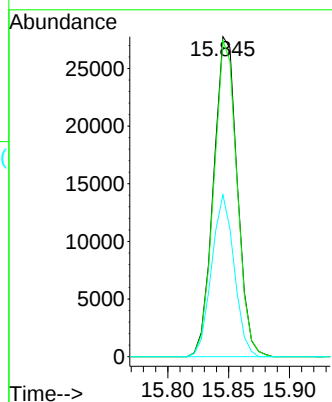
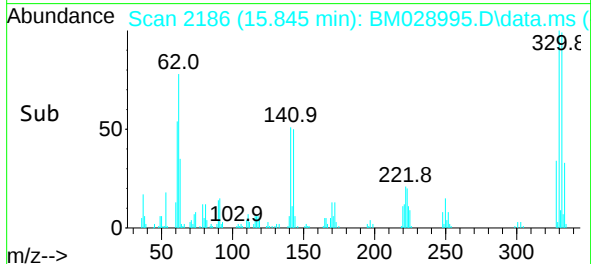


#42  
2,4,6-Tribromophenol  
Concen: 126.99 ng  
RT: 15.845 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: BM028995.D  
Acq: 05 Mar 2021 14:28

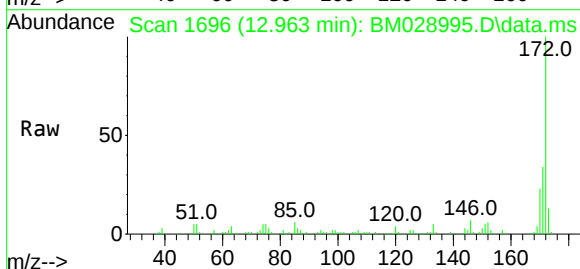
Instrument :  
BNA\_M  
ClientSampleId :  
PB134995BL



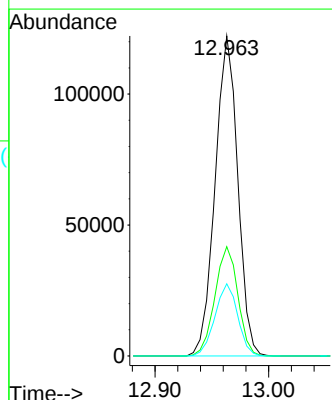
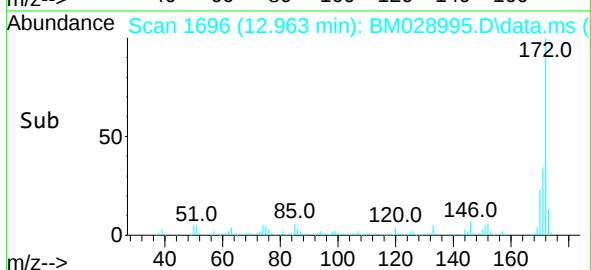
Tgt Ion:330 Resp: 37570  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.8  
141 48.0 28.4 42.6#

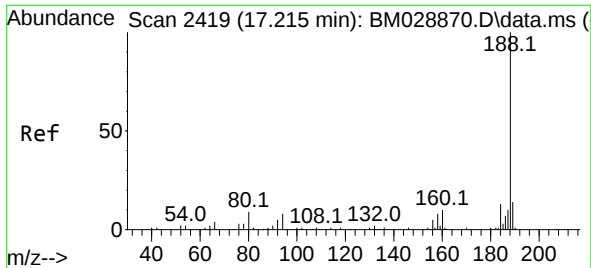


#45  
2-Fluorobiphenyl  
Concen: 90.16 ng  
RT: 12.963 min Scan# 1696  
Delta R.T. 0.000 min  
Lab File: BM028995.D  
Acq: 05 Mar 2021 14:28



Tgt Ion:172 Resp: 169068  
Ion Ratio Lower Upper  
172 100  
171 34.1 27.8 41.8  
170 22.5 18.6 27.8

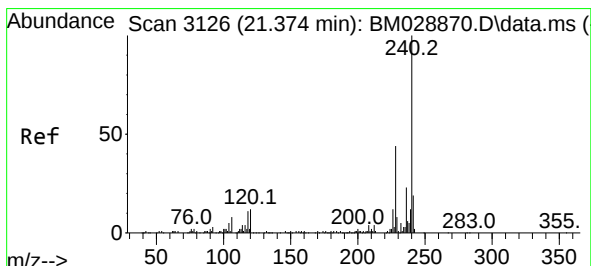
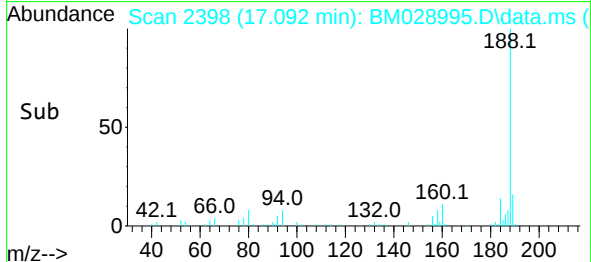
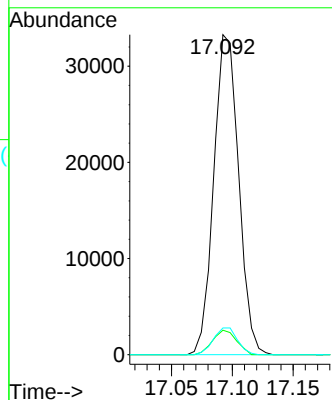
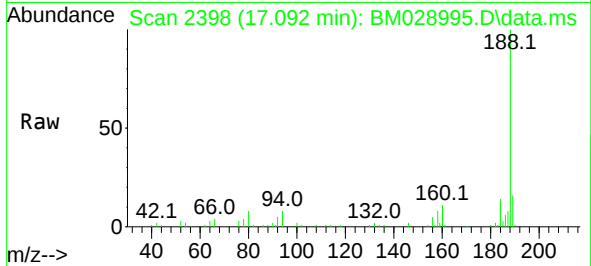




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.092 min Scan# 2398  
Delta R.T. -0.006 min  
Lab File: BM028995.D  
Acq: 05 Mar 2021 14:28

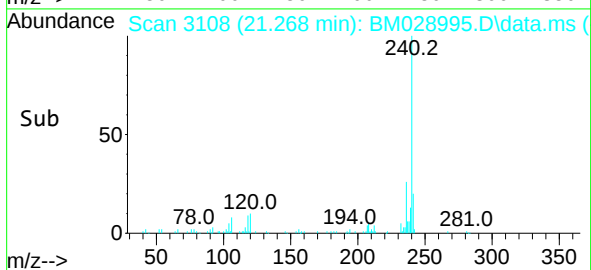
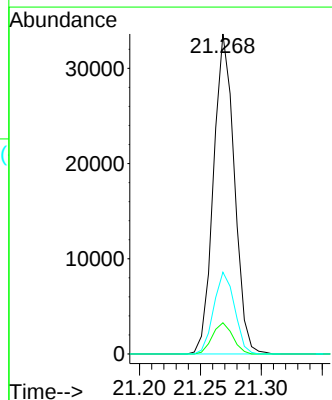
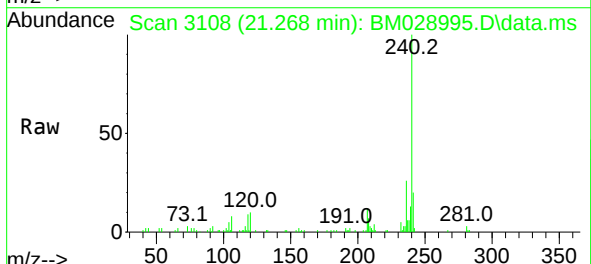
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BNA\_M  
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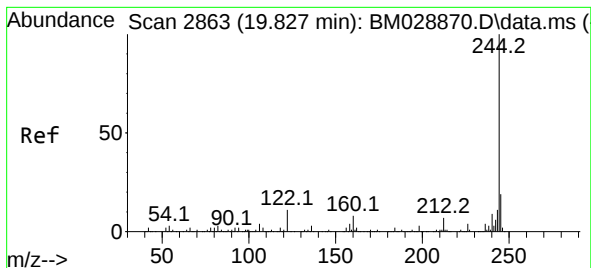
Tgt Ion:188 Resp: 47285  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.2 9.4  
80 8.4 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.268 min Scan# 3108  
Delta R.T. -0.006 min  
Lab File: BM028995.D  
Acq: 05 Mar 2021 14:28

Tgt Ion:240 Resp: 40024  
Ion Ratio Lower Upper  
240 100  
120 9.7 6.4 9.6#  
236 25.5 20.1 30.1





#79

Terphenyl-d14

Concen: 85.18 ng

RT: 19.721 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BM028995.D

Acq: 05 Mar 2021 14:28

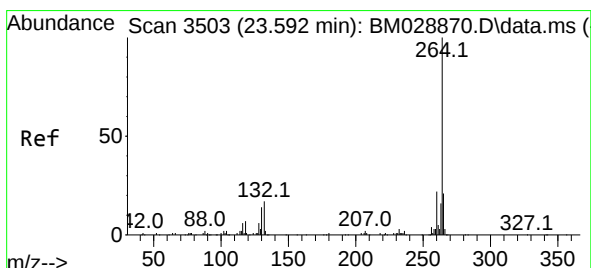
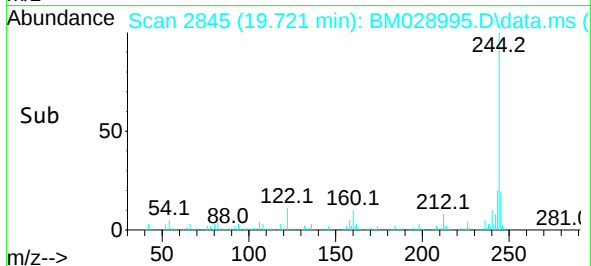
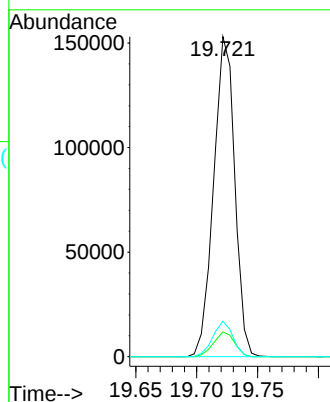
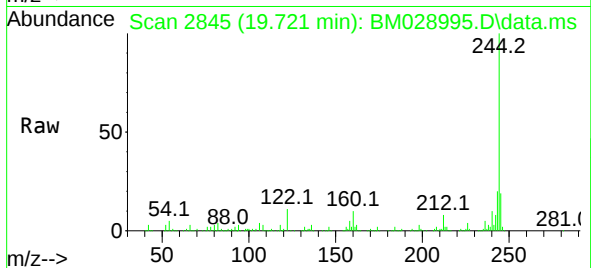
Tgt Ion:244 Resp: 184642

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 11.1 6.5 9.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.433 min Scan# 3476

Delta R.T. -0.006 min

Lab File: BM028995.D

Acq: 05 Mar 2021 14:28

Tgt Ion:264 Resp: 38757

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 23.1 17.7 26.5

