

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041921\  
 Data File : BM029536.D  
 Acq On : 19 Apr 2021 12:08  
 Operator : CG/JU  
 Sample : PB135796BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB135796BL

Quant Time: Apr 19 12:55:29 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 16 11:56:50 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.669  | 152  | 113012   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.445 | 136  | 462990   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.310 | 164  | 276379   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.051 | 188  | 521006   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.233 | 240  | 403362   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.433 | 264  | 379933   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.269  | 112  | 1046457  | 152.89 | ng    | 0.00     |
| 7) Phenol-d6                | 6.851  | 99   | 1343635  | 139.05 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.822  | 82   | 979812   | 97.02  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.798 | 330  | 415714   | 150.49 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.927 | 172  | 1867116  | 94.12  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.686 | 244  | 2449849  | 115.36 | ng    | 0.00     |

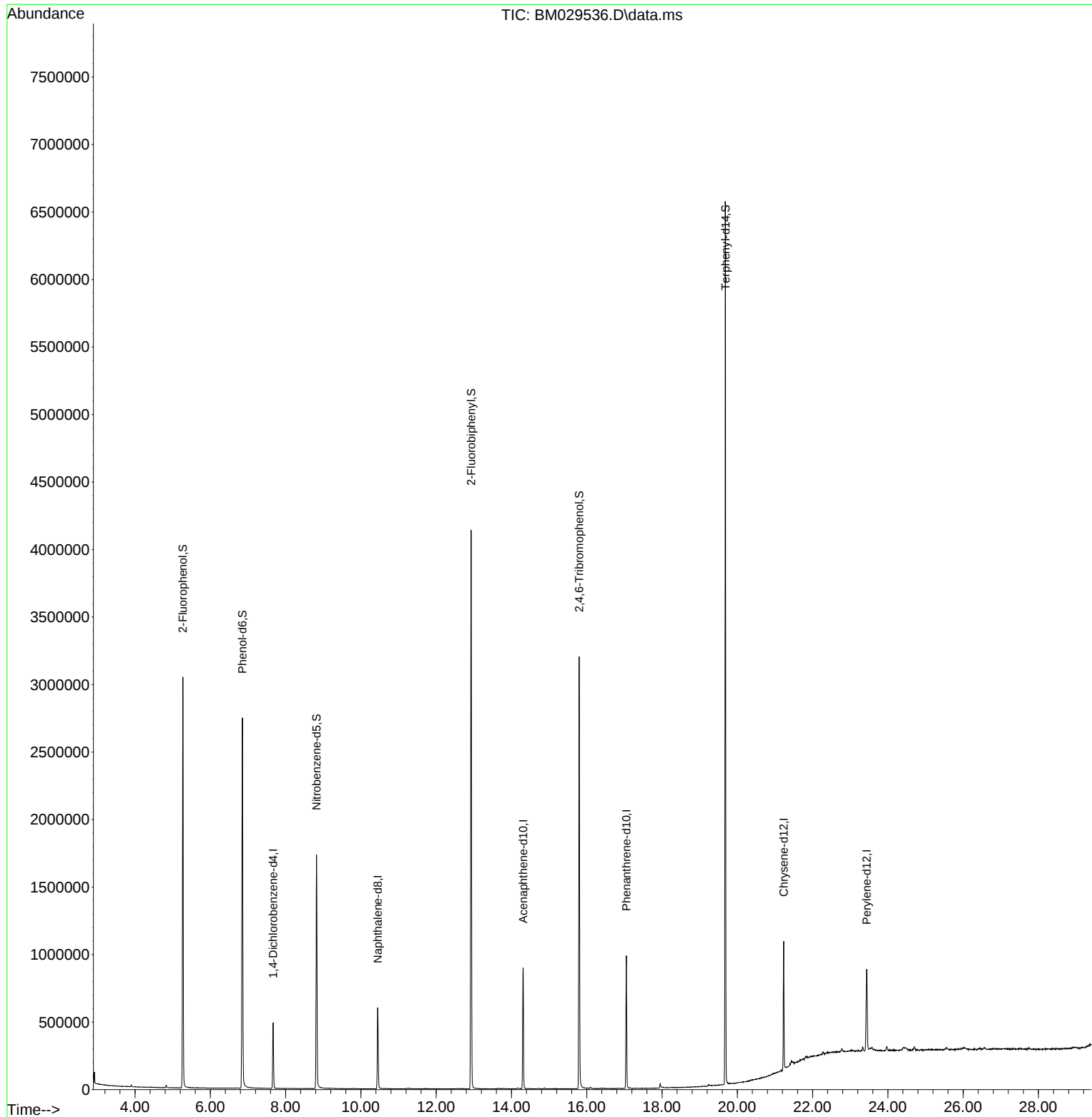
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

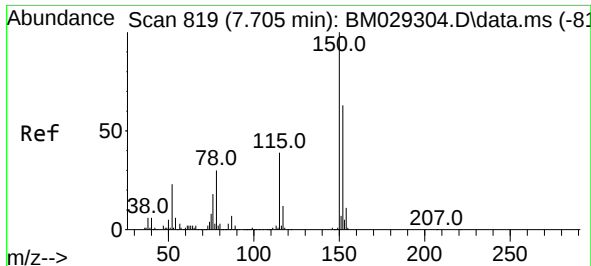
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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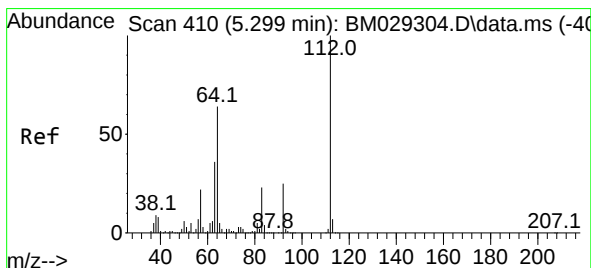
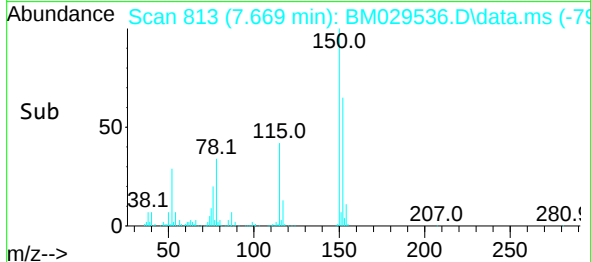
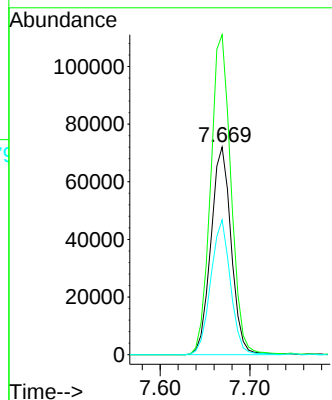
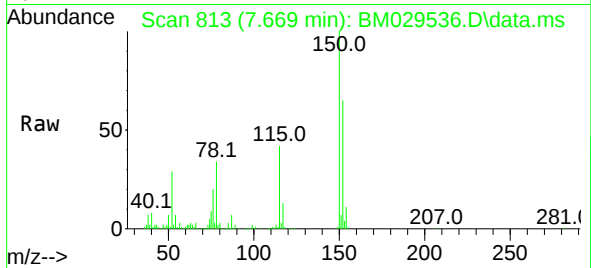




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.669 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

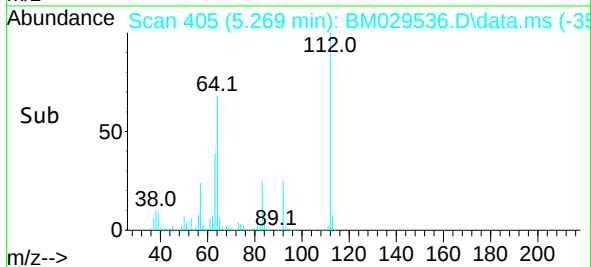
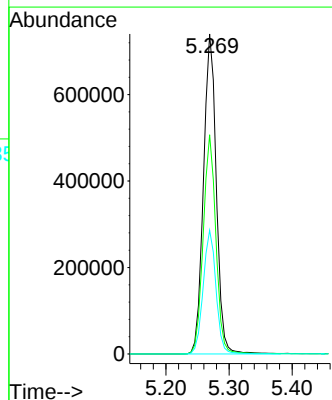
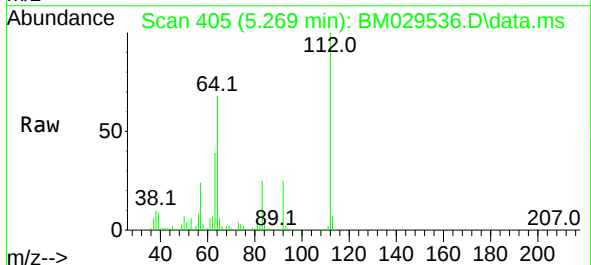
Instrument :  
BNA\_M  
ClientSampleId :  
PB135796BL

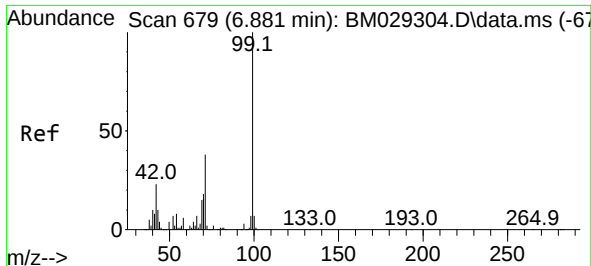
Tgt Ion:152 Resp: 113012  
Ion Ratio Lower Upper  
152 100  
150 154.0 124.3 186.5  
115 64.9 46.4 69.6



#5  
2-Fluorophenol  
Concen: 152.89 ng  
RT: 5.269 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

Tgt Ion:112 Resp: 1046457  
Ion Ratio Lower Upper  
112 100  
64 68.5 51.6 77.4  
63 38.7 29.0 43.4

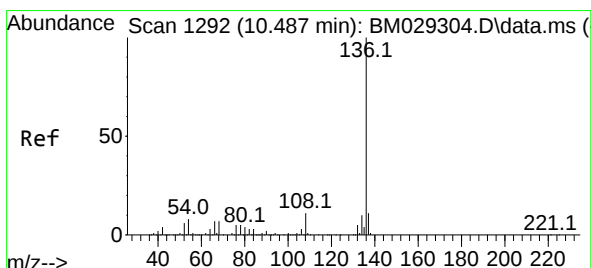
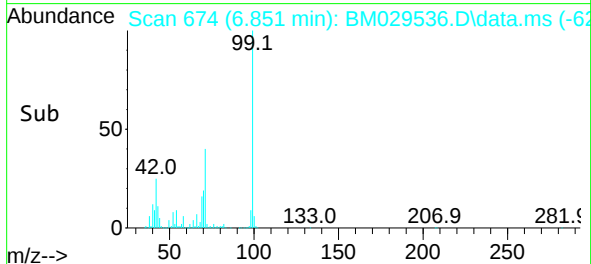
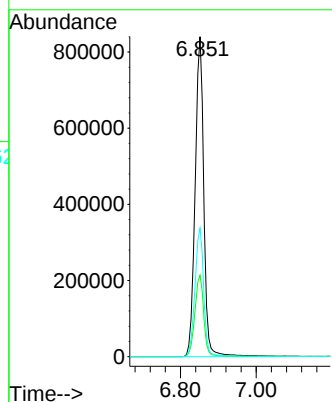
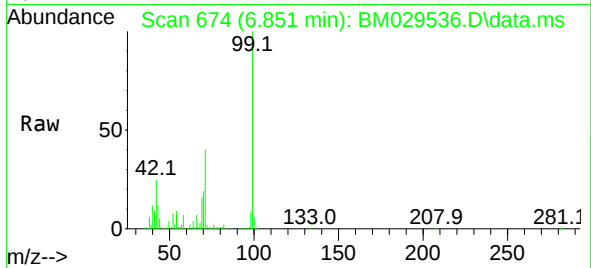




#7  
Phenol-d6  
Concen: 139.05 ng  
RT: 6.851 min Scan# 674  
Delta R.T. 0.000 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

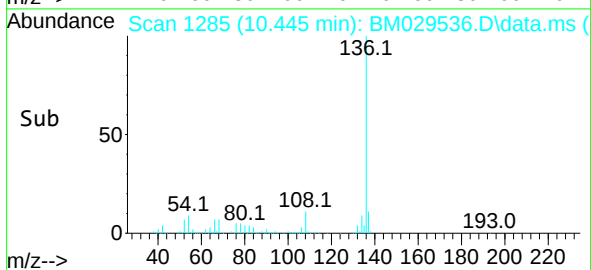
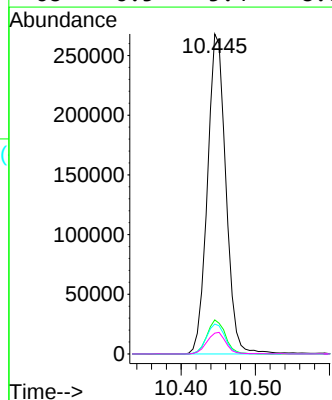
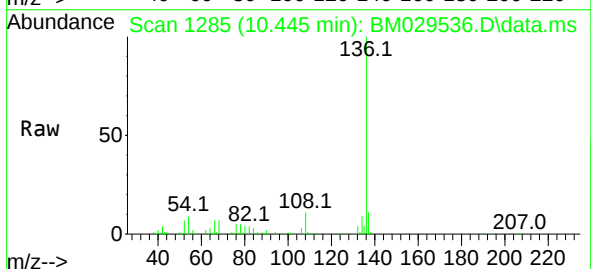
Instrument :  
BNA\_M  
ClientSampleId :  
PB135796BL

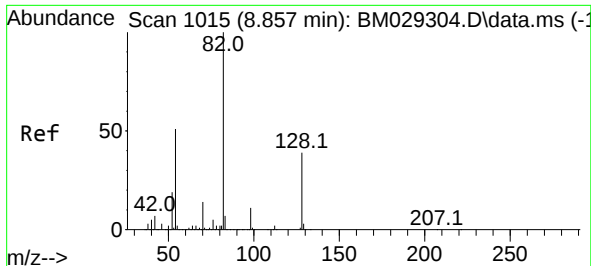
Tgt Ion: 99 Resp: 1343635  
Ion Ratio Lower Upper  
99 100  
42 25.5 18.5 27.7  
71 40.1 31.8 47.6



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.445 min Scan# 1285  
Delta R.T. -0.012 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

Tgt Ion: 136 Resp: 462990  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.3 13.9  
54 9.4 6.9 10.3  
68 6.5 5.4 8.0

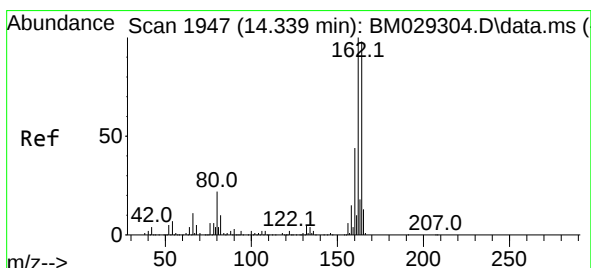
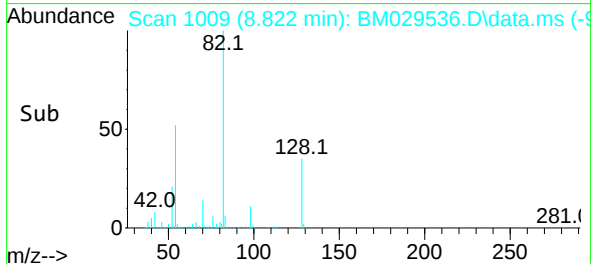
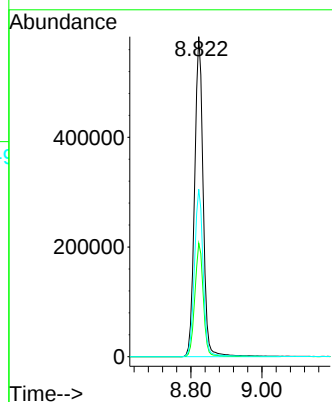
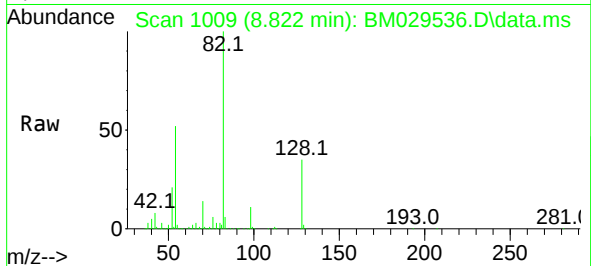




#23  
Nitrobenzene-d5  
Concen: 97.02 ng  
RT: 8.822 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

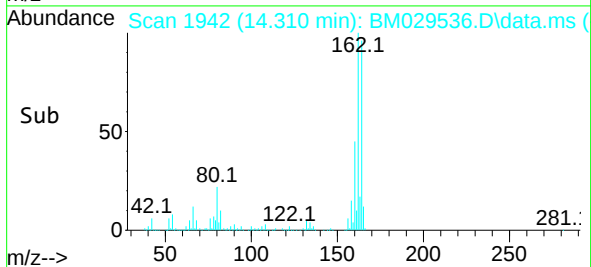
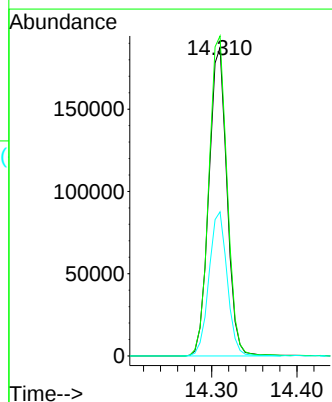
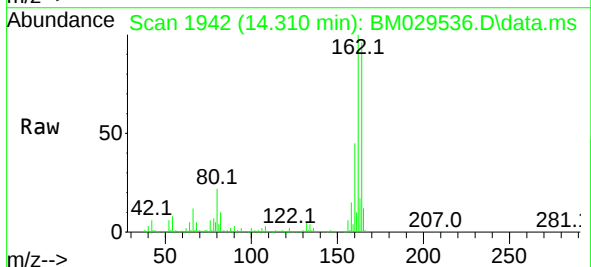
Instrument :  
BNA\_M  
ClientSampleId :  
PB135796BL

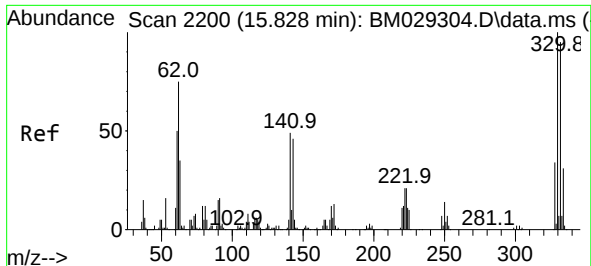
Tgt Ion: 82 Resp: 979812  
Ion Ratio Lower Upper  
82 100  
128 35.5 28.6 42.8  
54 52.3 40.7 61.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.310 min Scan# 1942  
Delta R.T. -0.006 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

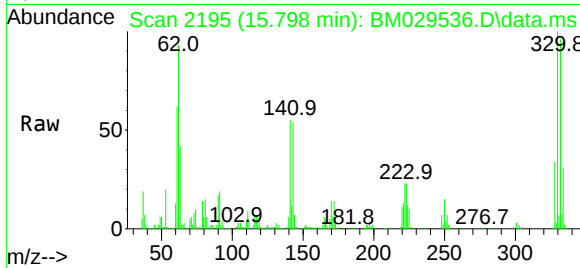
Tgt Ion:164 Resp: 276379  
Ion Ratio Lower Upper  
164 100  
162 103.7 84.4 126.6  
160 46.7 36.6 54.8



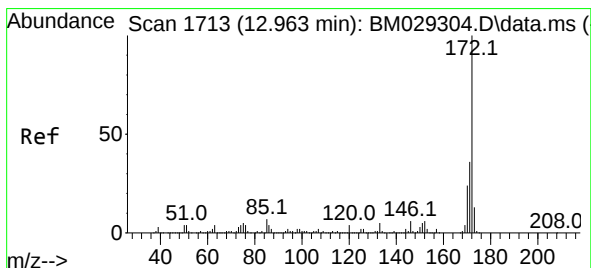
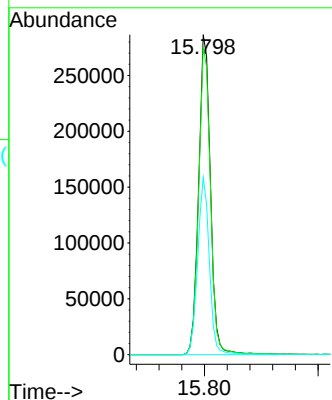
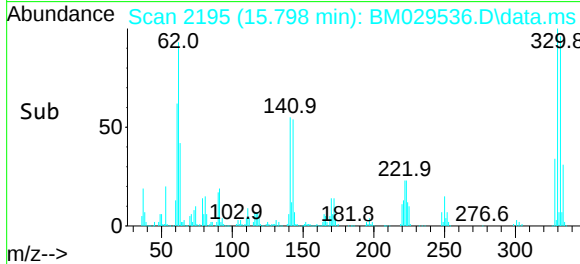


#42  
2,4,6-Tribromophenol  
Concen: 150.49 ng  
RT: 15.798 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

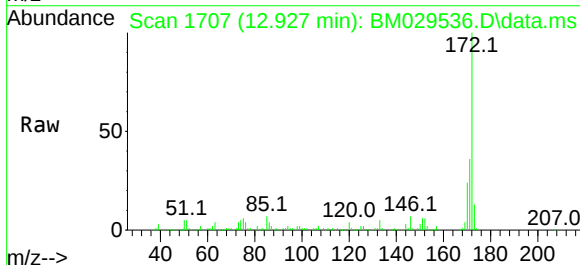
Instrument :  
BNA\_M  
ClientSampleId :  
PB135796BL



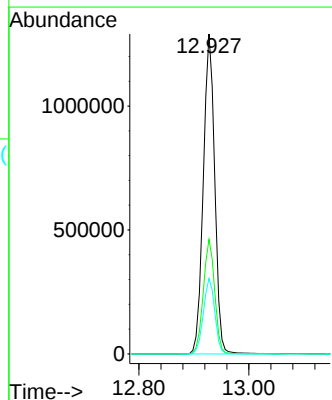
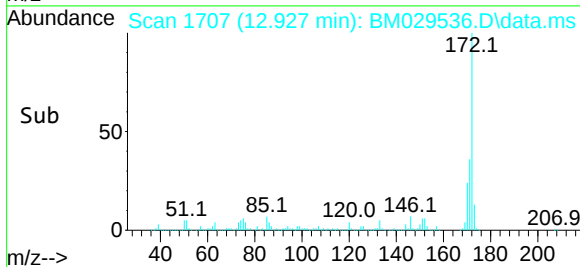
Tgt Ion:330 Resp: 415714  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.1 115.7  
141 54.9 39.2 58.8

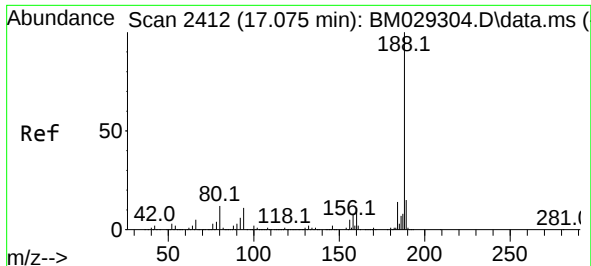


#45  
2-Fluorobiphenyl  
Concen: 94.12 ng  
RT: 12.927 min Scan# 1707  
Delta R.T. -0.006 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08



Tgt Ion:172 Resp: 1867116  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.7 43.1  
170 23.6 18.8 28.2

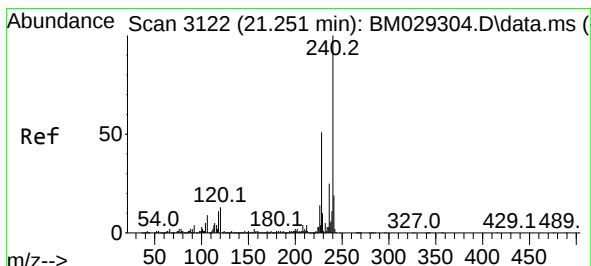
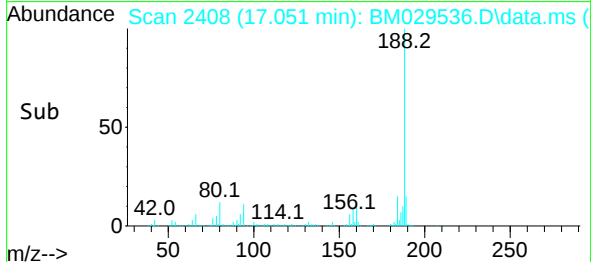
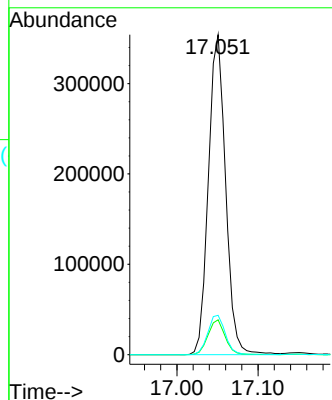
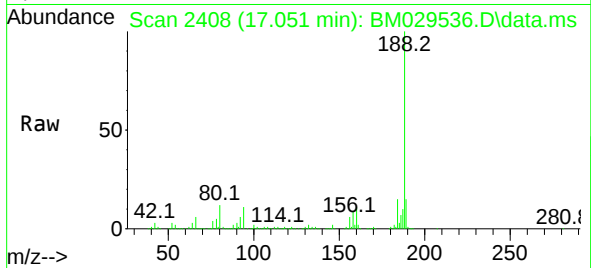




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.051 min Scan# 2408  
Delta R.T. -0.006 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

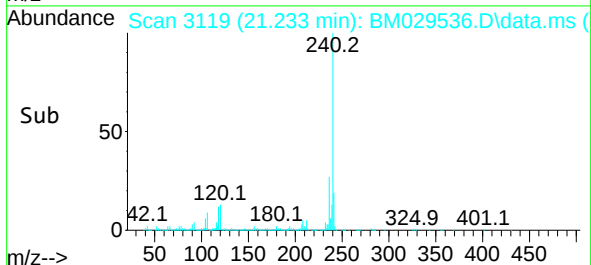
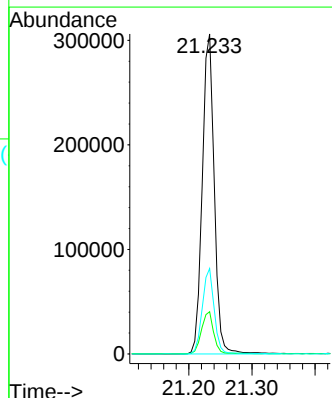
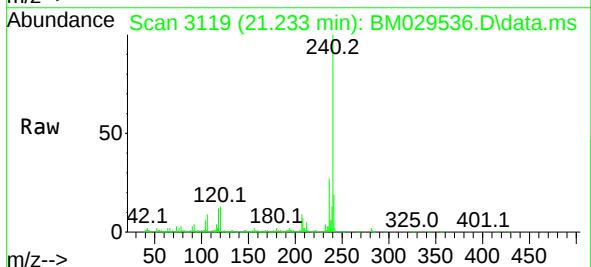
Instrument :  
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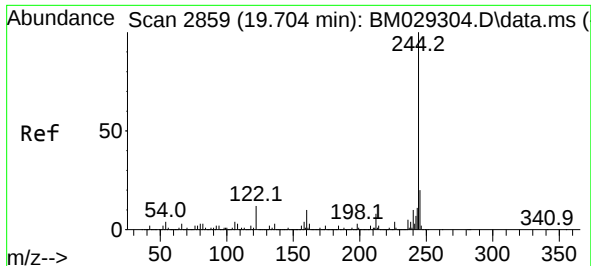
Tgt Ion:188 Resp: 521006  
Ion Ratio Lower Upper  
188 100  
94 10.9 8.1 12.1  
80 12.3 9.2 13.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.233 min Scan# 3119  
Delta R.T. 0.000 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

Tgt Ion:240 Resp: 403362  
Ion Ratio Lower Upper  
240 100  
120 13.2 9.0 13.6  
236 26.7 20.3 30.5

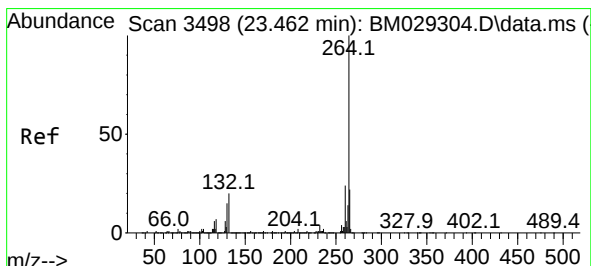
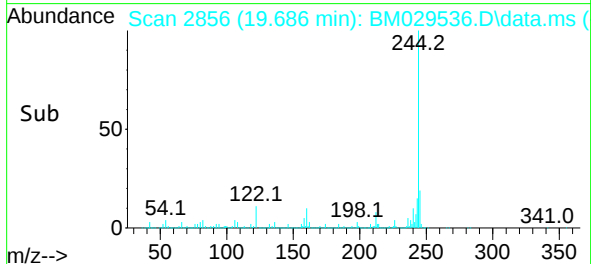
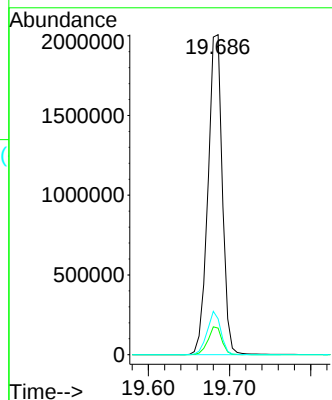
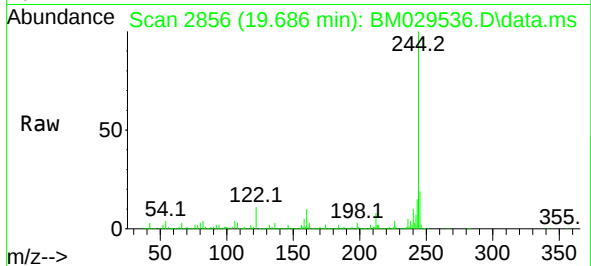




#79  
Terphenyl-d14  
Concen: 115.36 ng  
RT: 19.686 min Scan# 2856  
Delta R.T. 0.000 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

Instrument :  
BNA\_M  
ClientSampleId :  
PB135796BL

Tgt Ion:244 Resp: 2449849  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.5 9.7  
122 11.2 9.2 13.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.433 min Scan# 3493  
Delta R.T. -0.006 min  
Lab File: BM029536.D  
Acq: 19 Apr 2021 12:08

Tgt Ion:264 Resp: 379933  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.6 29.4  
265 22.3 17.8 26.8

