

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120621\  
 Data File : BM033306.D  
 Acq On : 06 Dec 2021 11:04  
 Operator : CG/JU  
 Sample : PB141148BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB141148BL

Quant Time: Dec 06 13:02:23 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM112421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 06 13:01:33 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.925  | 152  | 166370   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.719 | 136  | 663627   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.548 | 164  | 389556   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.289 | 188  | 724819   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.447 | 240  | 521303   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.777 | 264  | 466355   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.513  | 112  | 1443898  | 143.320 | ng    | 0.00     |
| 7) Phenol-d6                | 7.107  | 99   | 1898404  | 140.698 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.089  | 82   | 1267426  | 88.661  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.036 | 330  | 451069   | 106.221 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.172 | 172  | 2333804  | 84.490  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.895 | 244  | 2515952  | 95.434  | ng    | 0.00     |

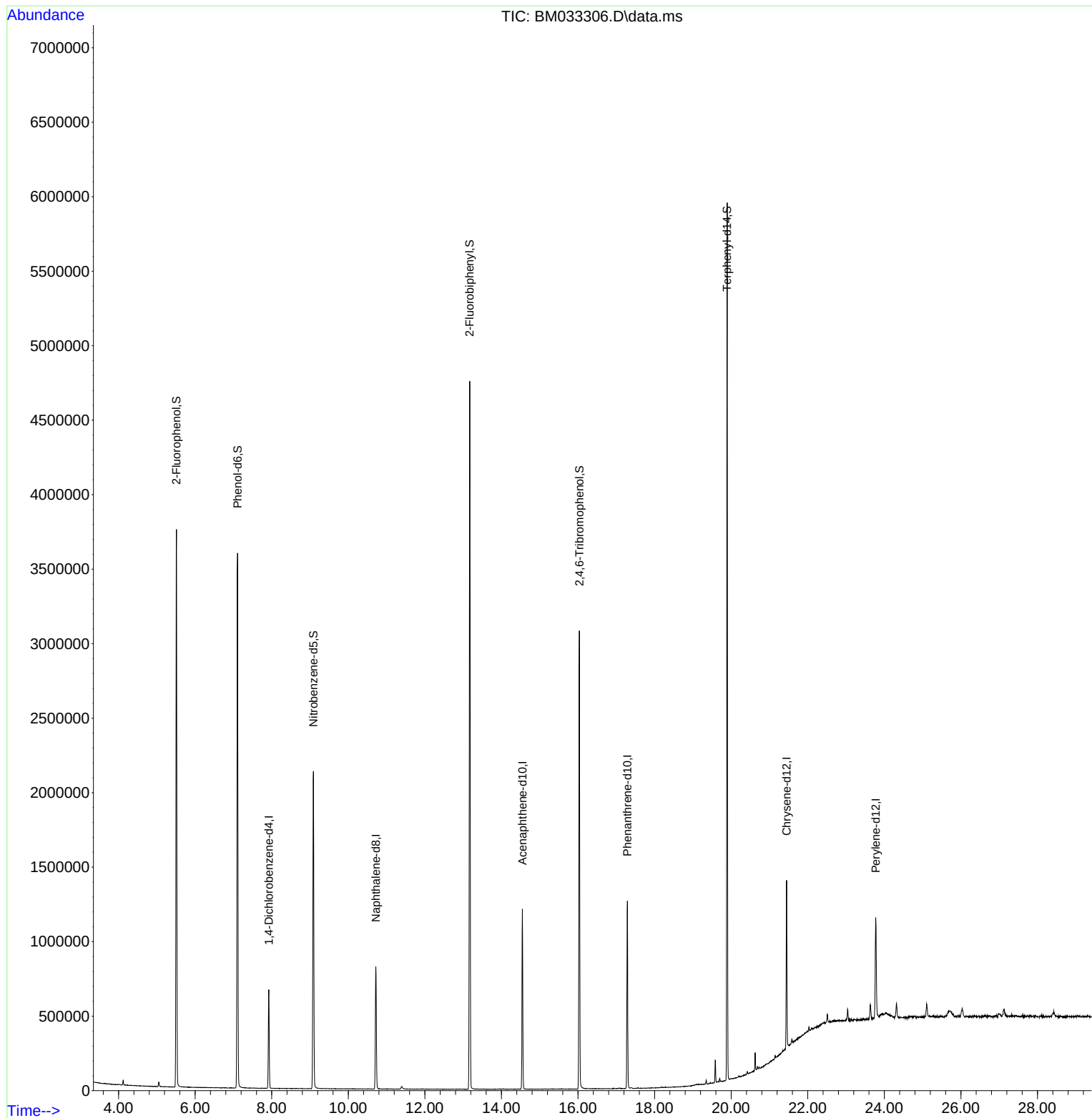
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

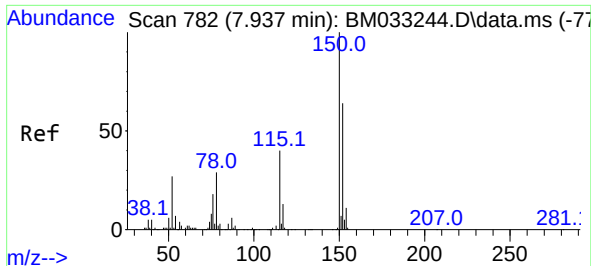
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120621\  
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Sample : PB141148BL  
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ALS Vial : 3 Sample Multiplier: 1

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QLast Update : Mon Dec 06 13:01:33 2021  
Response via : Initial Calibration

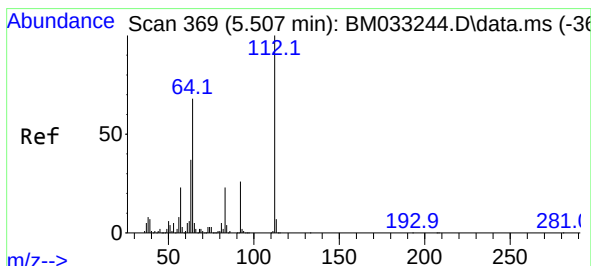
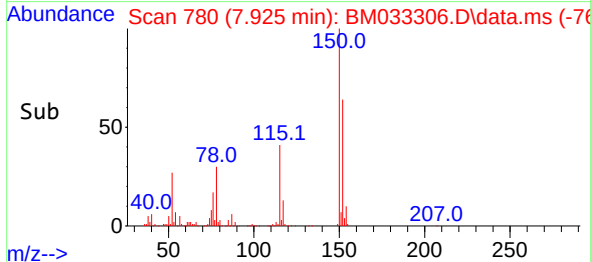
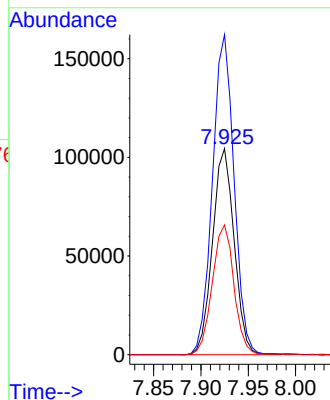
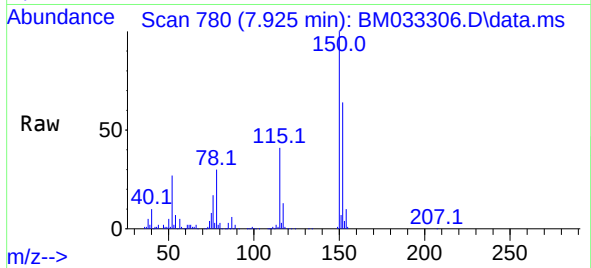




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.925 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM033306.D  
Acq: 06 Dec 2021 11:04

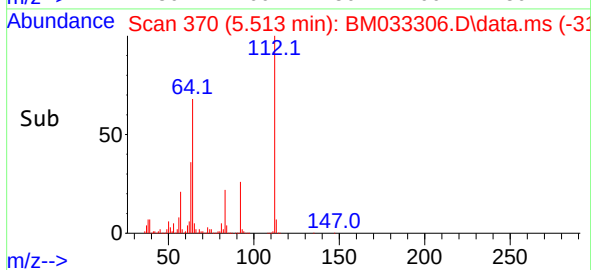
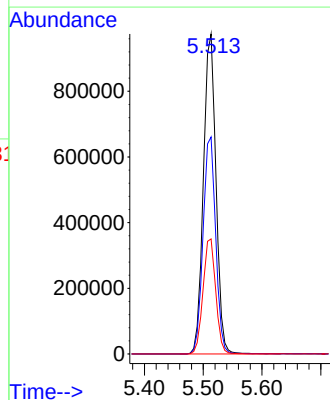
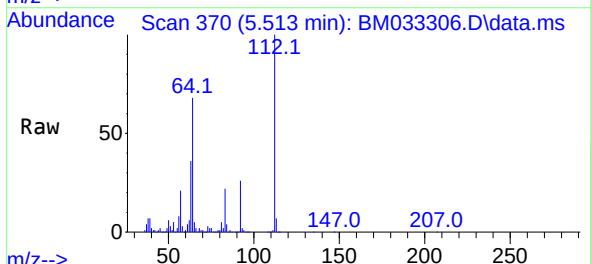
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BNA\_M  
ClientSampleId :  
PB141148BL

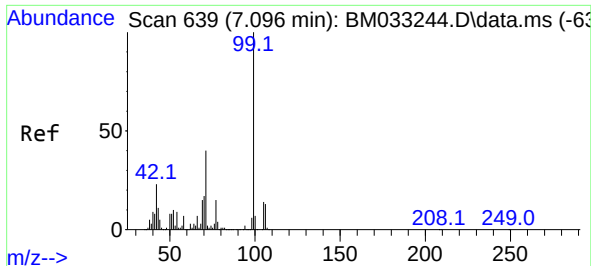
Tgt Ion:152 Resp: 166370  
Ion Ratio Lower Upper  
152 100  
150 155.3 122.4 183.6  
115 63.0 53.8 80.8



#5  
2-Fluorophenol  
Concen: 143.320 ng  
RT: 5.513 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: BM033306.D  
Acq: 06 Dec 2021 11:04

Tgt Ion:112 Resp: 1443898  
Ion Ratio Lower Upper  
112 100  
64 67.8 53.7 80.5  
63 36.0 33.9 50.9

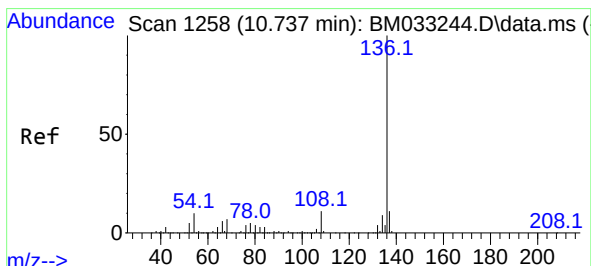
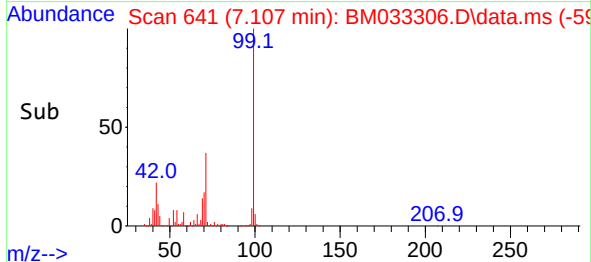
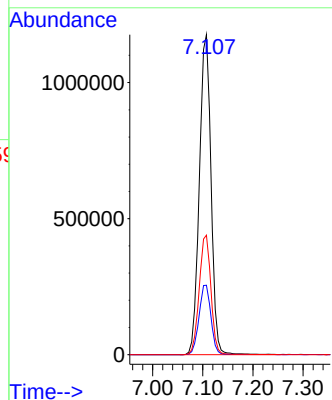
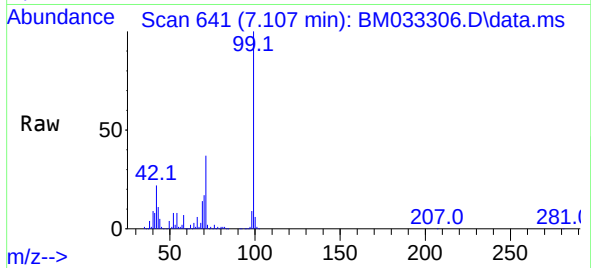




#7  
Phenol-d6  
Concen: 140.698 ng  
RT: 7.107 min Scan# 641  
Delta R.T. 0.000 min  
Lab File: BM033306.D  
Acq: 06 Dec 2021 11:04

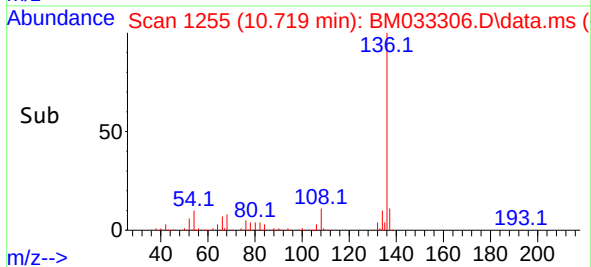
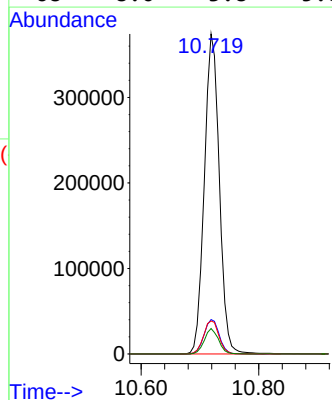
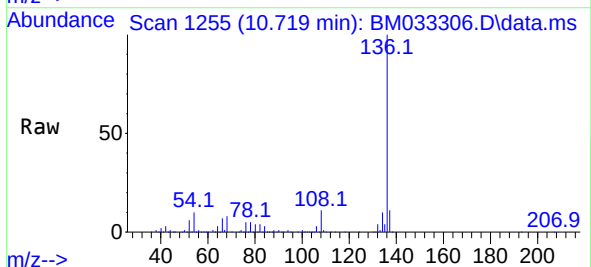
Instrument :  
BNA\_M  
ClientSampleId :  
PB141148BL

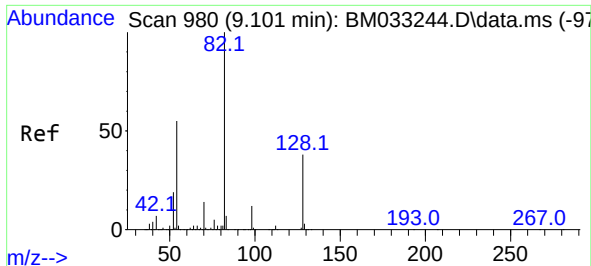
Tgt Ion: 99 Resp: 1898404  
Ion Ratio Lower Upper  
99 100  
42 21.7 23.0 34.6#  
71 37.3 37.8 56.8#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.719 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: BM033306.D  
Acq: 06 Dec 2021 11:04

Tgt Ion: 136 Resp: 663627  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 10.3 7.4 11.0  
68 8.0 3.8 5.8#

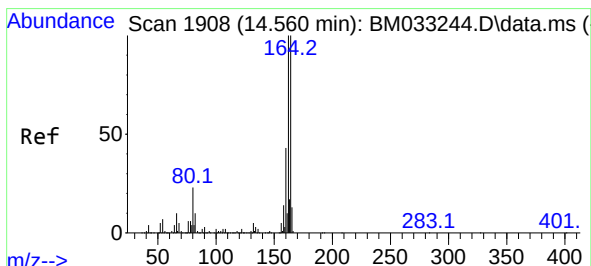
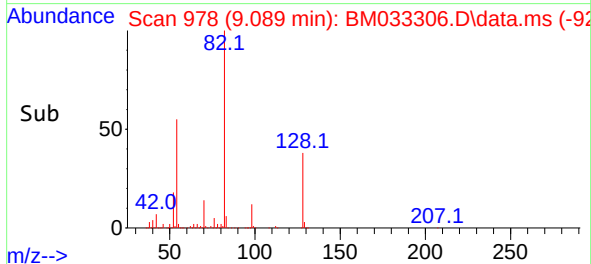
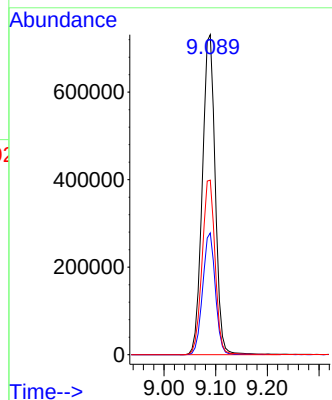
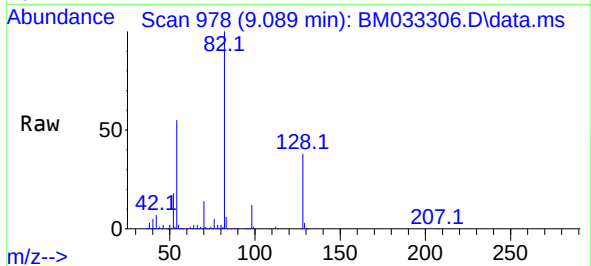




#23  
Nitrobenzene-d5  
Concen: 88.661 ng  
RT: 9.089 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM033306.D  
Acq: 06 Dec 2021 11:04

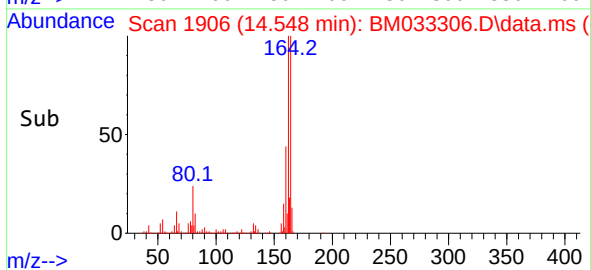
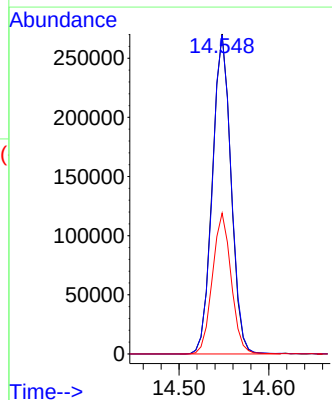
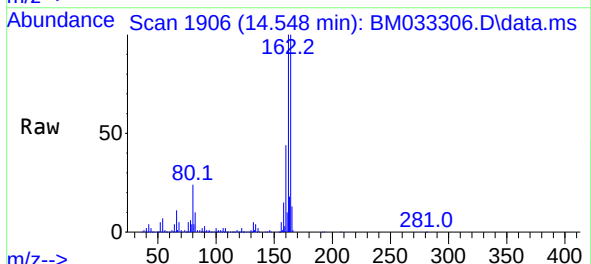
Instrument :  
BNA\_M  
ClientSampleId :  
PB141148BL

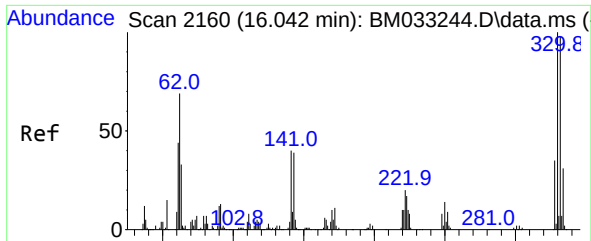
Tgt Ion: 82 Resp: 1267426  
Ion Ratio Lower Upper  
82 100  
128 38.1 29.0 43.6  
54 54.6 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.548 min Scan# 1906  
Delta R.T. 0.000 min  
Lab File: BM033306.D  
Acq: 06 Dec 2021 11:04

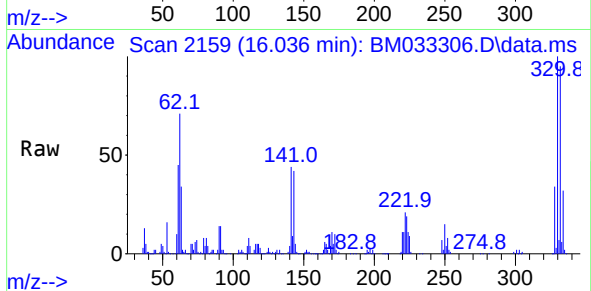
Tgt Ion: 164 Resp: 389556  
Ion Ratio Lower Upper  
164 100  
162 99.7 80.6 121.0  
160 44.0 35.1 52.7



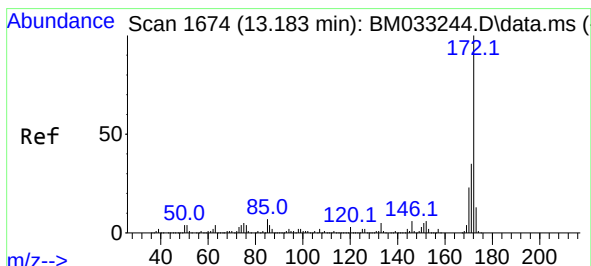
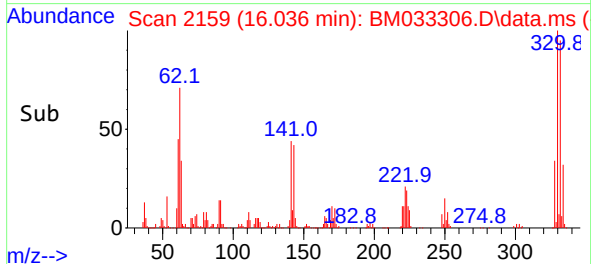
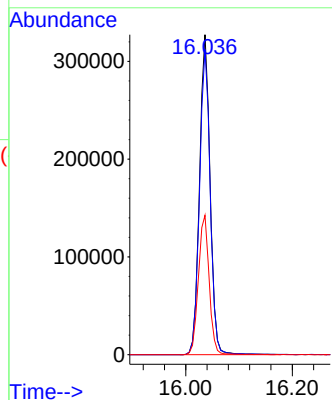


#42  
2,4,6-Tribromophenol  
Concen: 106.221 ng  
RT: 16.036 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM033306.D  
Acq: 06 Dec 2021 11:04

Instrument :  
BNA\_M  
ClientSampleId :  
PB141148BL

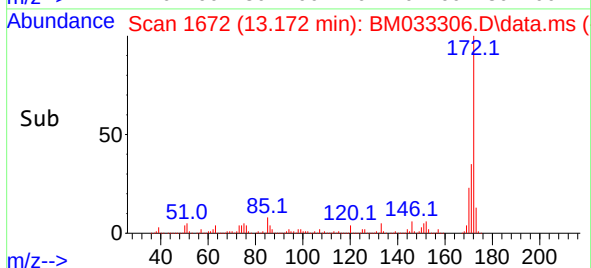
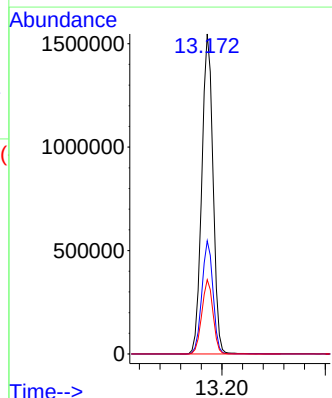
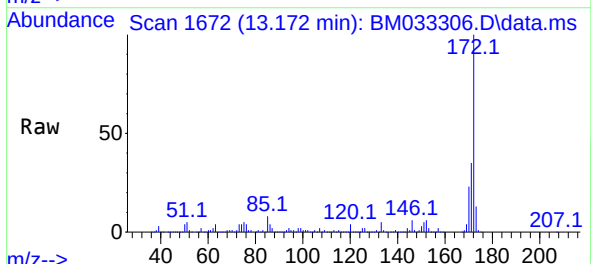


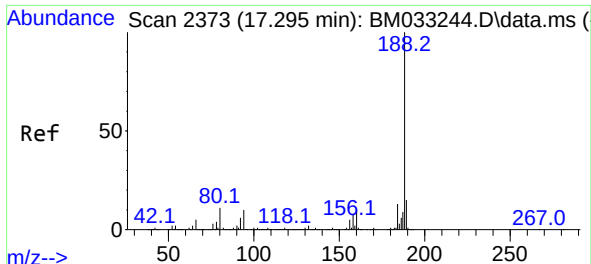
Tgt Ion:330 Resp: 451069  
Ion Ratio Lower Upper  
330 100  
332 95.5 75.7 113.5  
141 44.3 50.7 76.1#



#45  
2-Fluorobiphenyl  
Concen: 84.490 ng  
RT: 13.172 min Scan# 1672  
Delta R.T. -0.000 min  
Lab File: BM033306.D  
Acq: 06 Dec 2021 11:04

Tgt Ion:172 Resp: 2333804  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.1 42.1  
170 23.2 18.6 27.8

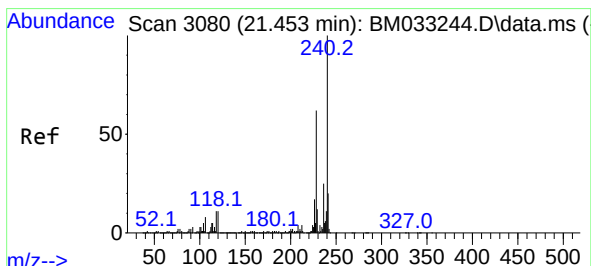
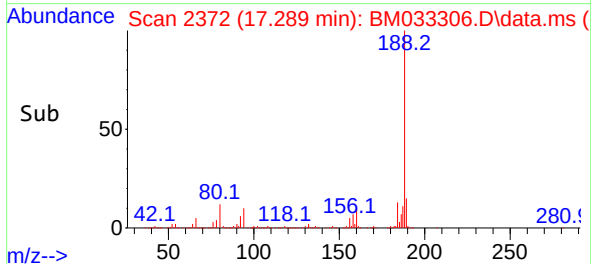
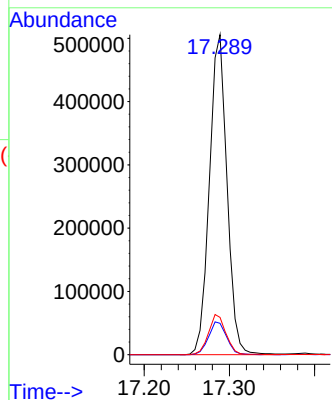
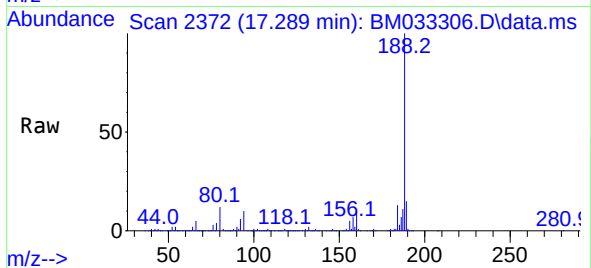




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.289 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM033306.D  
Acq: 06 Dec 2021 11:04

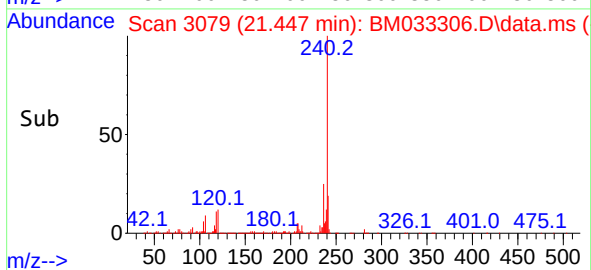
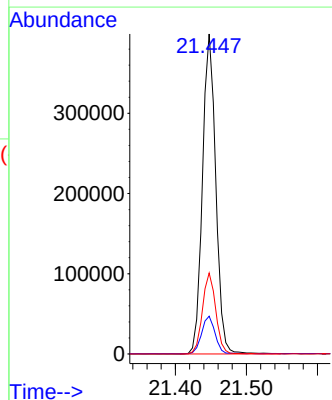
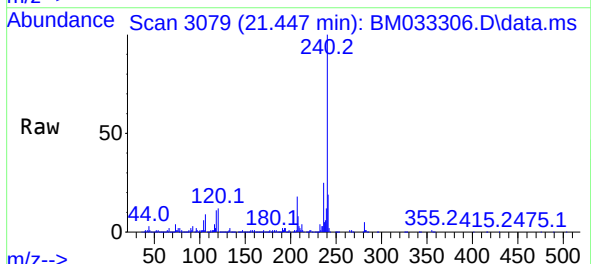
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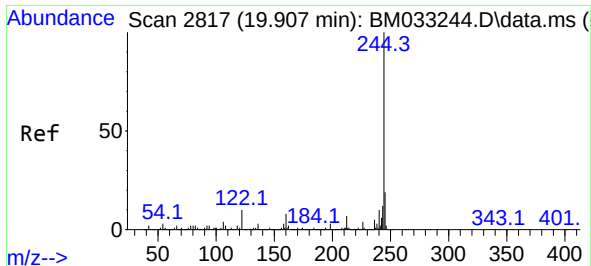
Tgt Ion:188 Resp: 724819  
Ion Ratio Lower Upper  
188 100  
94 9.8 6.3 9.5#  
80 11.7 7.3 10.9#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.447 min Scan# 3079  
Delta R.T. 0.000 min  
Lab File: BM033306.D  
Acq: 06 Dec 2021 11:04

Tgt Ion:240 Resp: 521303  
Ion Ratio Lower Upper  
240 100  
120 11.8 7.8 11.6#  
236 25.3 20.9 31.3

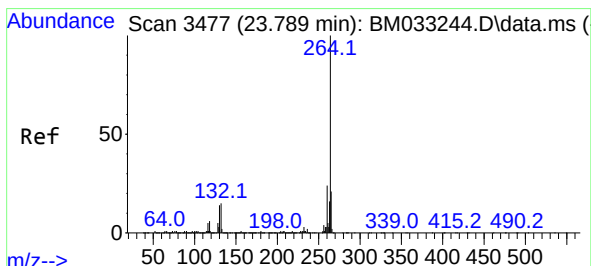
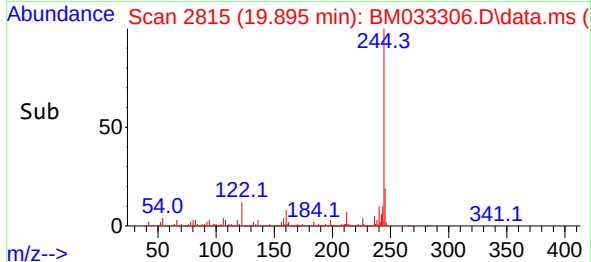
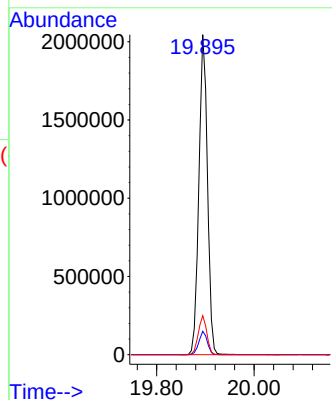
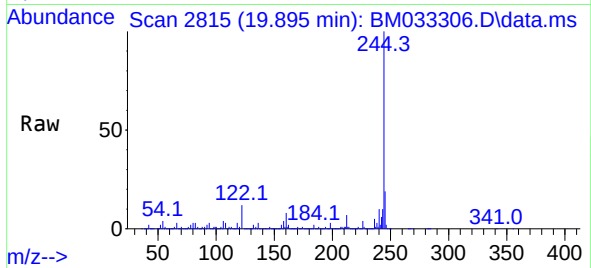




#79  
 Terphenyl-d14  
 Concen: 95.434 ng  
 RT: 19.895 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM033306.D  
 Acq: 06 Dec 2021 11:04

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB141148BL

Tgt Ion:244 Resp: 2515952  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.5 9.7  
 122 12.2 8.7 13.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.777 min Scan# 3475  
 Delta R.T. 0.000 min  
 Lab File: BM033306.D  
 Acq: 06 Dec 2021 11:04

Tgt Ion:264 Resp: 466355  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 19.3 28.9  
 265 22.7 18.3 27.5

