

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082521\  
 Data File : BM031892.D  
 Acq On : 25 Aug 2021 14:51  
 Operator : CG/JU  
 Sample : PB138680BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB138680BL

Quant Time: Aug 25 15:29:45 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM082521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 25 14:16:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.522  | 152  | 32887    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.280 | 136  | 131073   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.163 | 164  | 80340    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.915 | 188  | 154217   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.121 | 240  | 97039    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.268 | 264  | 84881    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.163  | 112  | 301121   | 151.372 | ng    | 0.00     |
| 7) Phenol-d6                | 6.722  | 99   | 373269   | 132.618 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.675  | 82   | 266904   | 88.203  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.662 | 330  | 117597   | 123.830 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.774 | 172  | 541251   | 88.883  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.568 | 244  | 640264   | 95.242  | ng    | 0.00     |

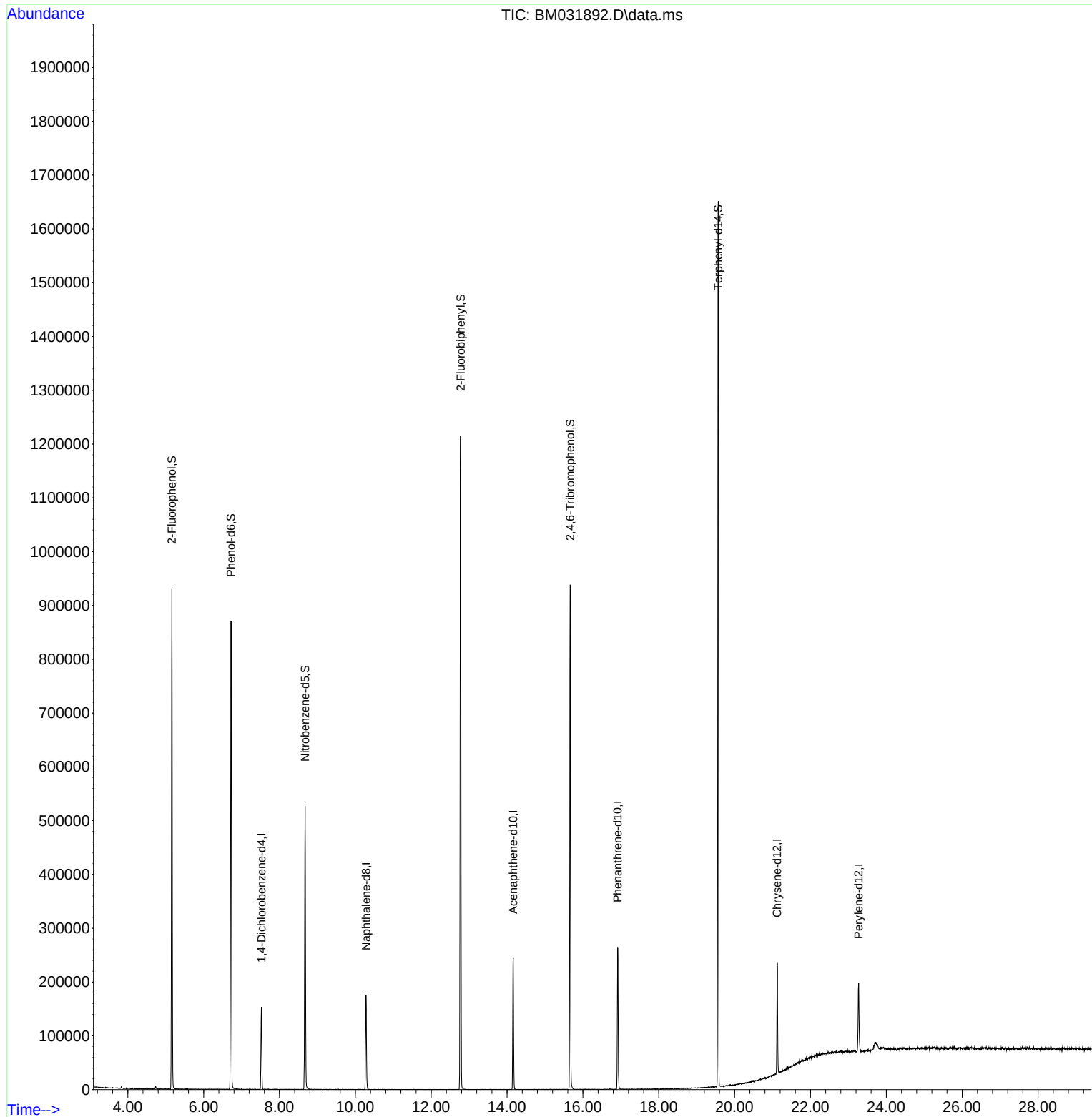
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

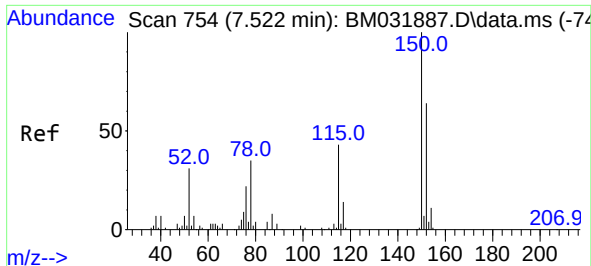
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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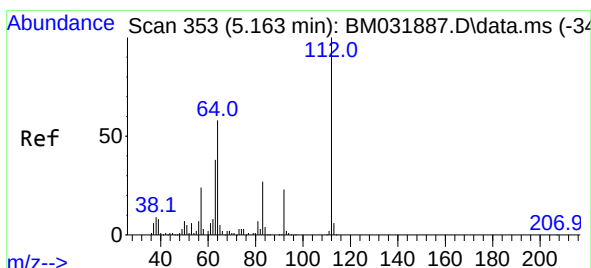
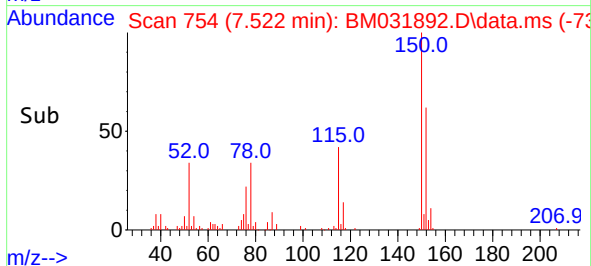
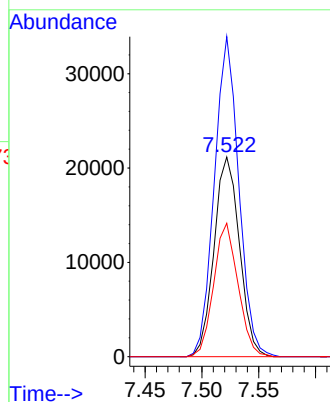
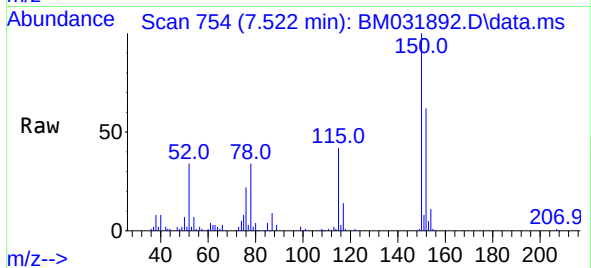




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.522 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

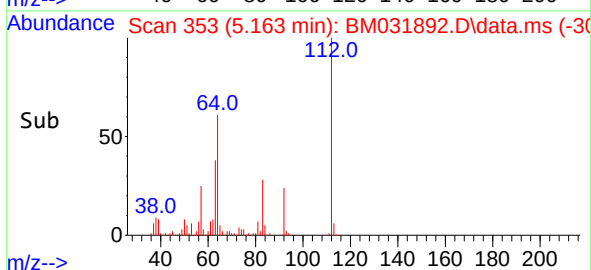
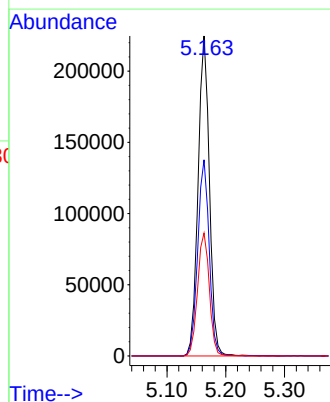
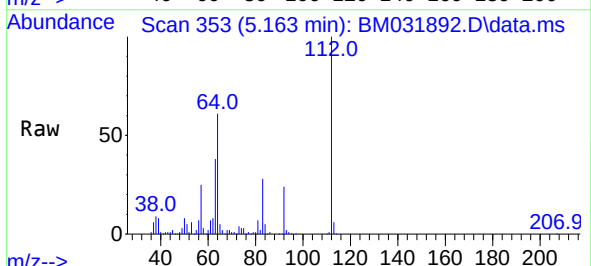
Instrument :  
BNA\_M  
ClientSampleId :  
PB138680BL

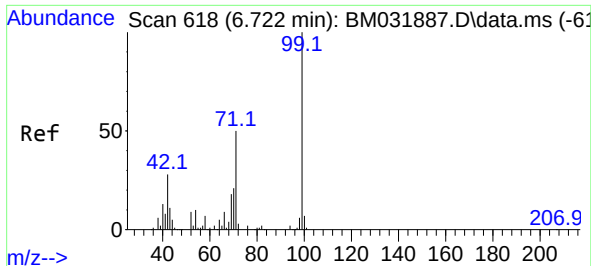
Tgt Ion:152 Resp: 32887  
Ion Ratio Lower Upper  
152 100  
150 160.3 122.4 183.6  
115 66.9 53.8 80.8



#5  
2-Fluorophenol  
Concen: 151.372 ng  
RT: 5.163 min Scan# 353  
Delta R.T. -0.000 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

Tgt Ion:112 Resp: 301121  
Ion Ratio Lower Upper  
112 100  
64 61.3 53.7 80.5  
63 38.4 33.9 50.9



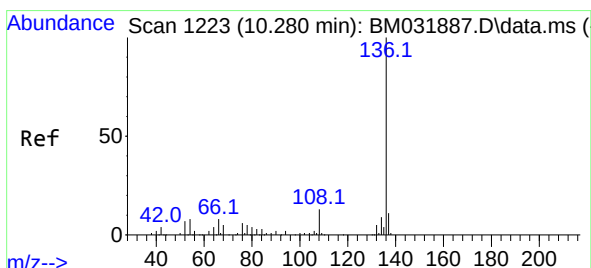
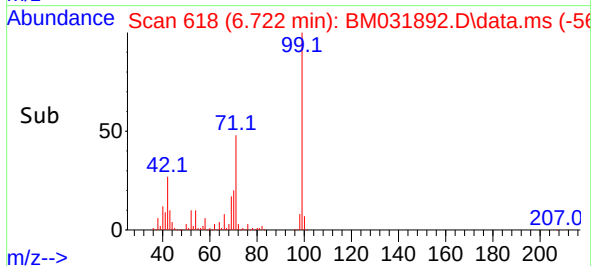
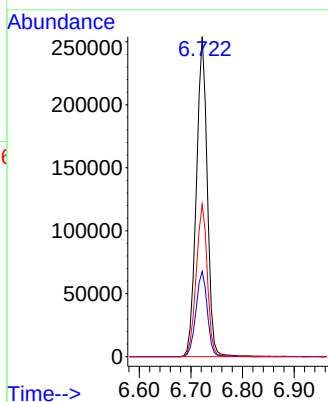
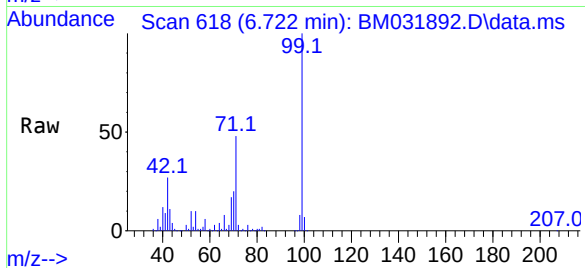


#7  
Phenol-d6  
Concen: 132.618 ng  
RT: 6.722 min Scan# 618  
Delta R.T. -0.000 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

Instrument :  
BNA\_M  
ClientSampleId :  
PB138680BL

Tgt Ion: 99 Resp: 373269

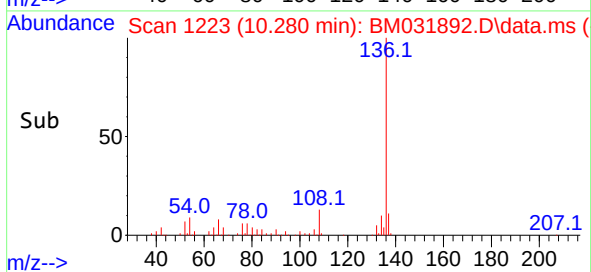
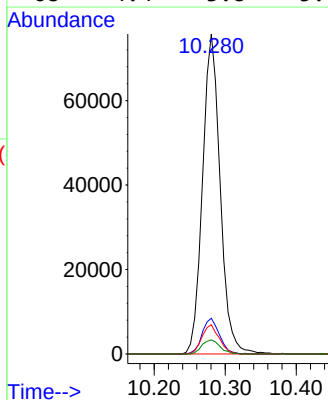
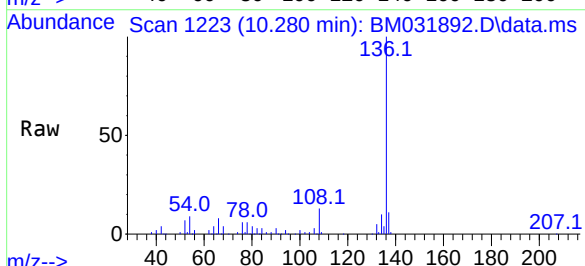
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 26.6  | 23.0  | 34.6  |
| 71  | 47.6  | 37.8  | 56.8  |

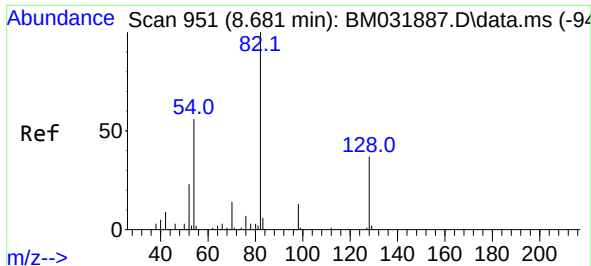


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.280 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

Tgt Ion: 136 Resp: 131073

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.7   | 13.1  |
| 54  | 9.2   | 7.4   | 11.0  |
| 68  | 4.4   | 3.8   | 5.8   |

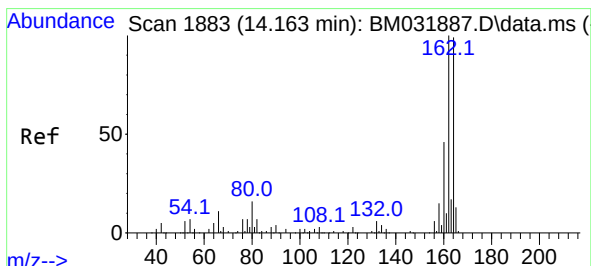
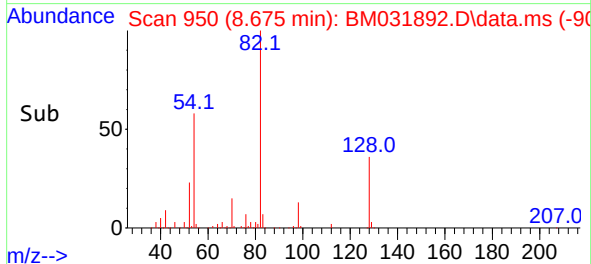
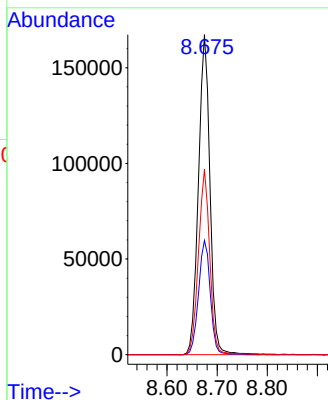
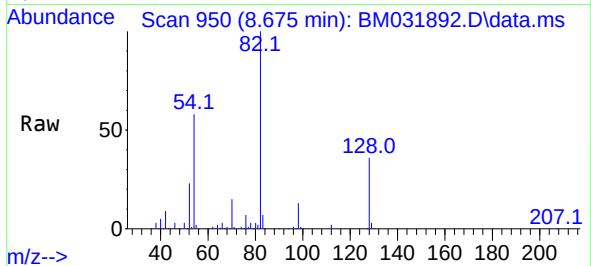




#23  
Nitrobenzene-d5  
Concen: 88.203 ng  
RT: 8.675 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

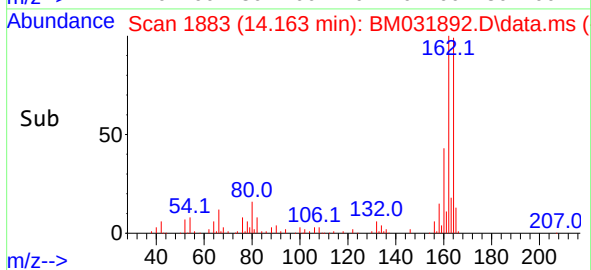
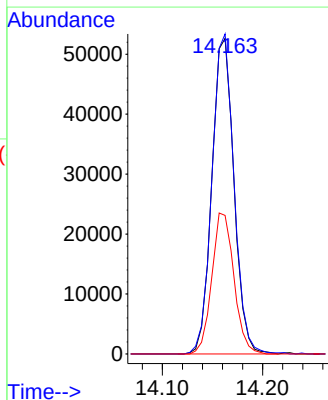
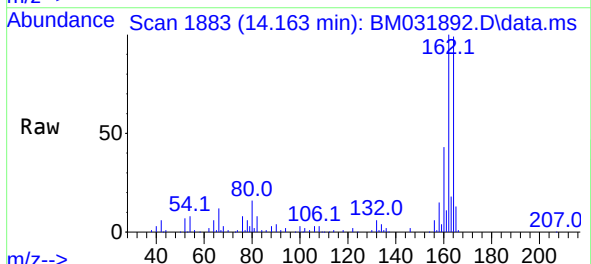
Instrument :  
BNA\_M  
ClientSampleId :  
PB138680BL

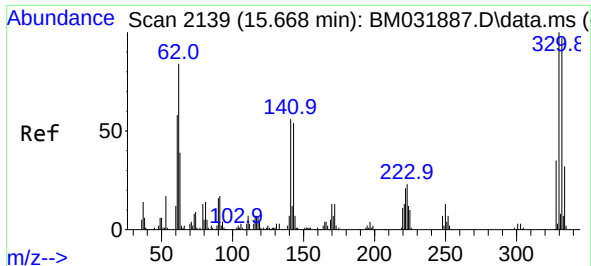
Tgt Ion: 82 Resp: 266904  
Ion Ratio Lower Upper  
82 100  
128 35.7 29.0 43.6  
54 58.0 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.163 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

Tgt Ion: 164 Resp: 80340  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.6 121.0  
160 43.9 35.1 52.7

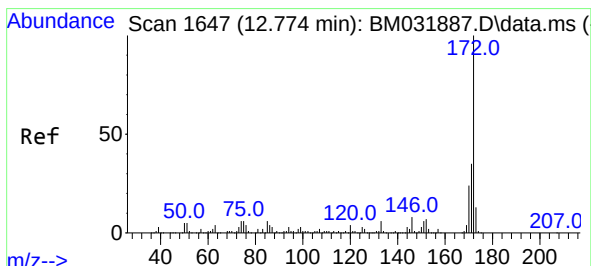
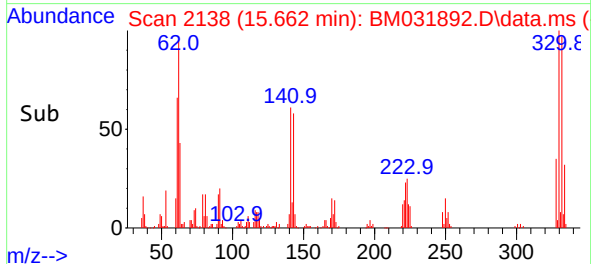
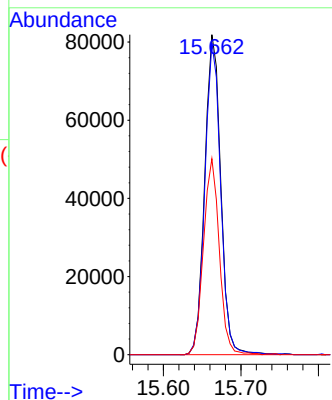
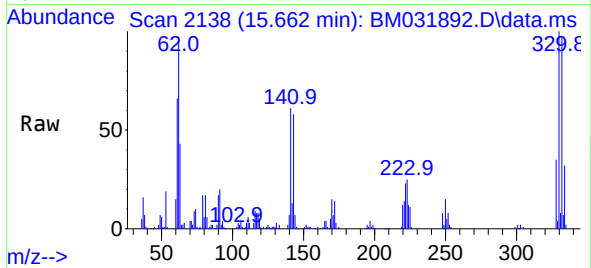




#42  
2,4,6-Tribromophenol  
Concen: 123.830 ng  
RT: 15.662 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

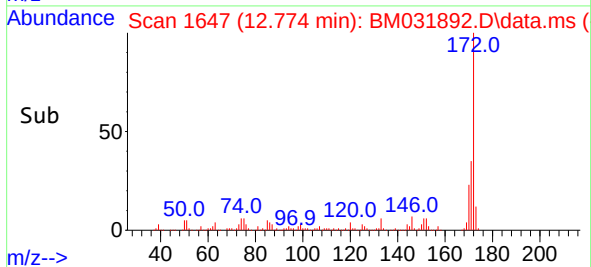
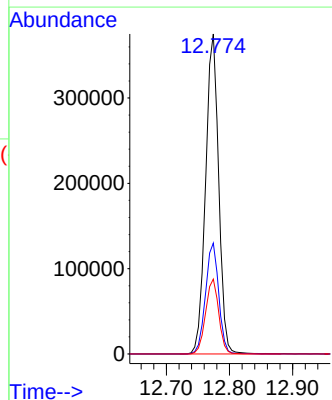
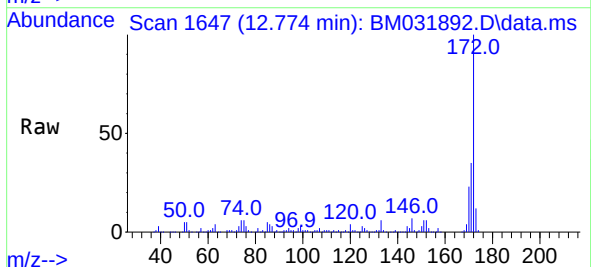
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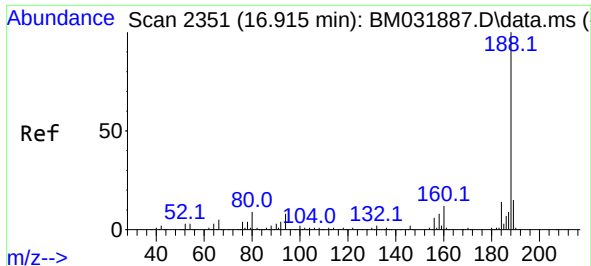
Tgt Ion:330 Resp: 117597  
Ion Ratio Lower Upper  
330 100  
332 96.7 75.7 113.5  
141 60.6 50.7 76.1



#45  
2-Fluorobiphenyl  
Concen: 88.883 ng  
RT: 12.774 min Scan# 1647  
Delta R.T. -0.000 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

Tgt Ion:172 Resp: 541251  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.1 42.1  
170 23.4 18.6 27.8

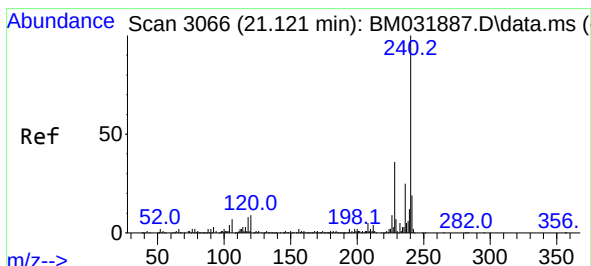
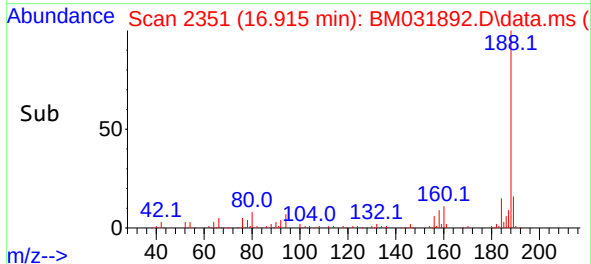
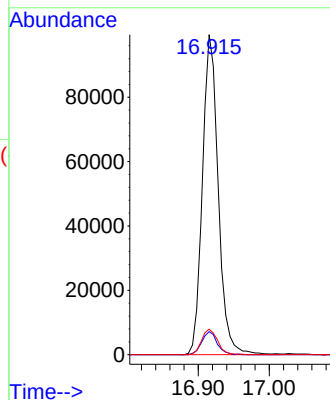
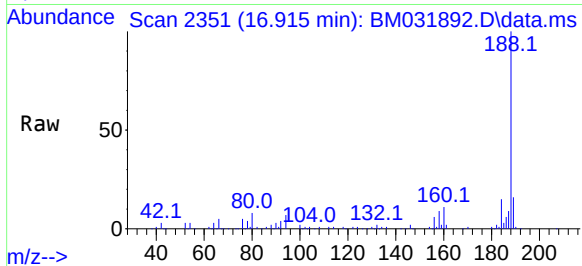




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.915 min Scan# 2351  
Delta R.T. -0.000 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

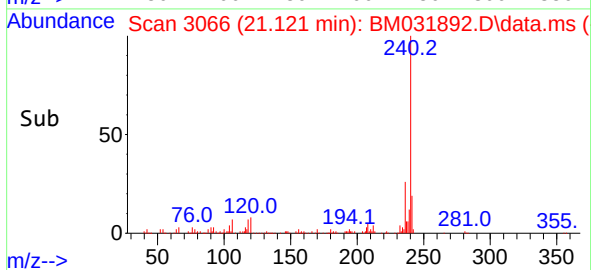
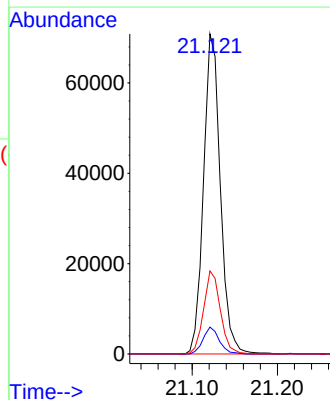
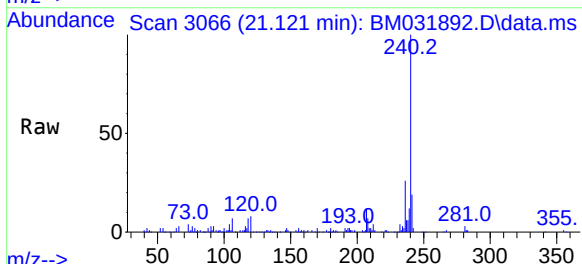
Instrument :  
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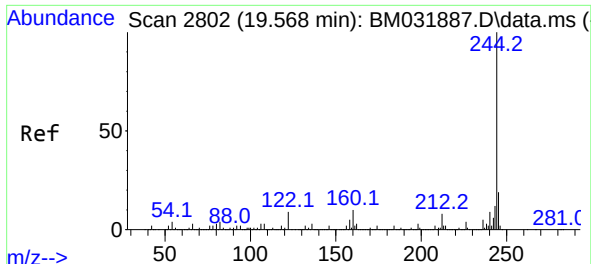
Tgt Ion:188 Resp: 154217  
Ion Ratio Lower Upper  
188 100  
94 7.2 6.3 9.5  
80 8.0 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.121 min Scan# 3066  
Delta R.T. -0.000 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

Tgt Ion:240 Resp: 97039  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.8 11.6  
236 26.0 20.9 31.3

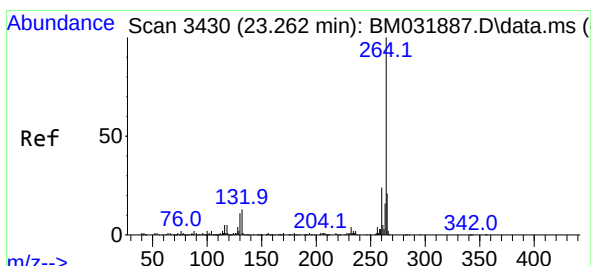
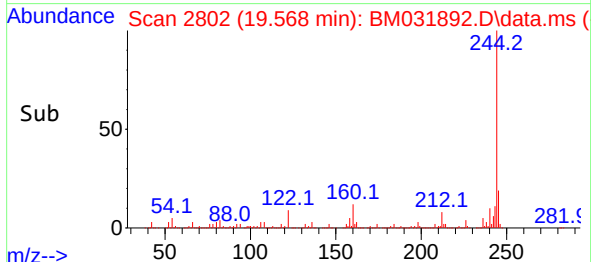
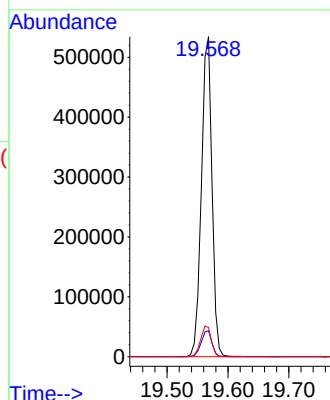
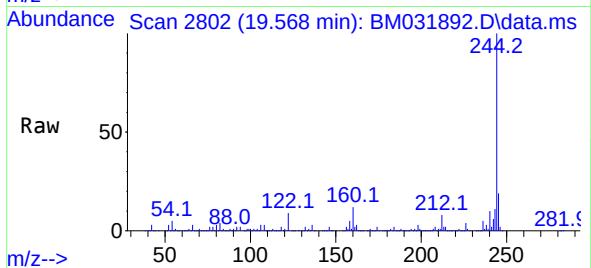




#79  
Terphenyl-d14  
Concen: 95.242 ng  
RT: 19.568 min Scan# 2802  
Delta R.T. -0.000 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

Instrument :  
BNA\_M  
ClientSampleId :  
PB138680BL

Tgt Ion:244 Resp: 640264  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.5 9.7  
122 9.1 8.7 13.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.268 min Scan# 3431  
Delta R.T. 0.006 min  
Lab File: BM031892.D  
Acq: 25 Aug 2021 14:51

Tgt Ion:264 Resp: 84881  
Ion Ratio Lower Upper  
264 100  
260 21.9 19.3 28.9  
265 21.3 18.3 27.5

