

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082021\  
 Data File : BM031847.D  
 Acq On : 20 Aug 2021 18:23  
 Operator : CG/JU  
 Sample : PB138477BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB138447BL

Quant Time: Aug 21 04:24:55 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 18 14:13:35 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.540  | 152  | 40109    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.298 | 136  | 170923   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.174 | 164  | 106400   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.933 | 188  | 227151   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.133 | 240  | 220066   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.286 | 264  | 241240   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.175  | 112  | 398724   | 159.553 | ng    | 0.00     |
| 7) Phenol-d6                | 6.740  | 99   | 502683   | 138.819 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.692  | 82   | 343277   | 84.093  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.680 | 330  | 160815   | 122.717 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.792 | 172  | 688409   | 86.117  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.580 | 244  | 1161198  | 88.904  | ng    | 0.00     |

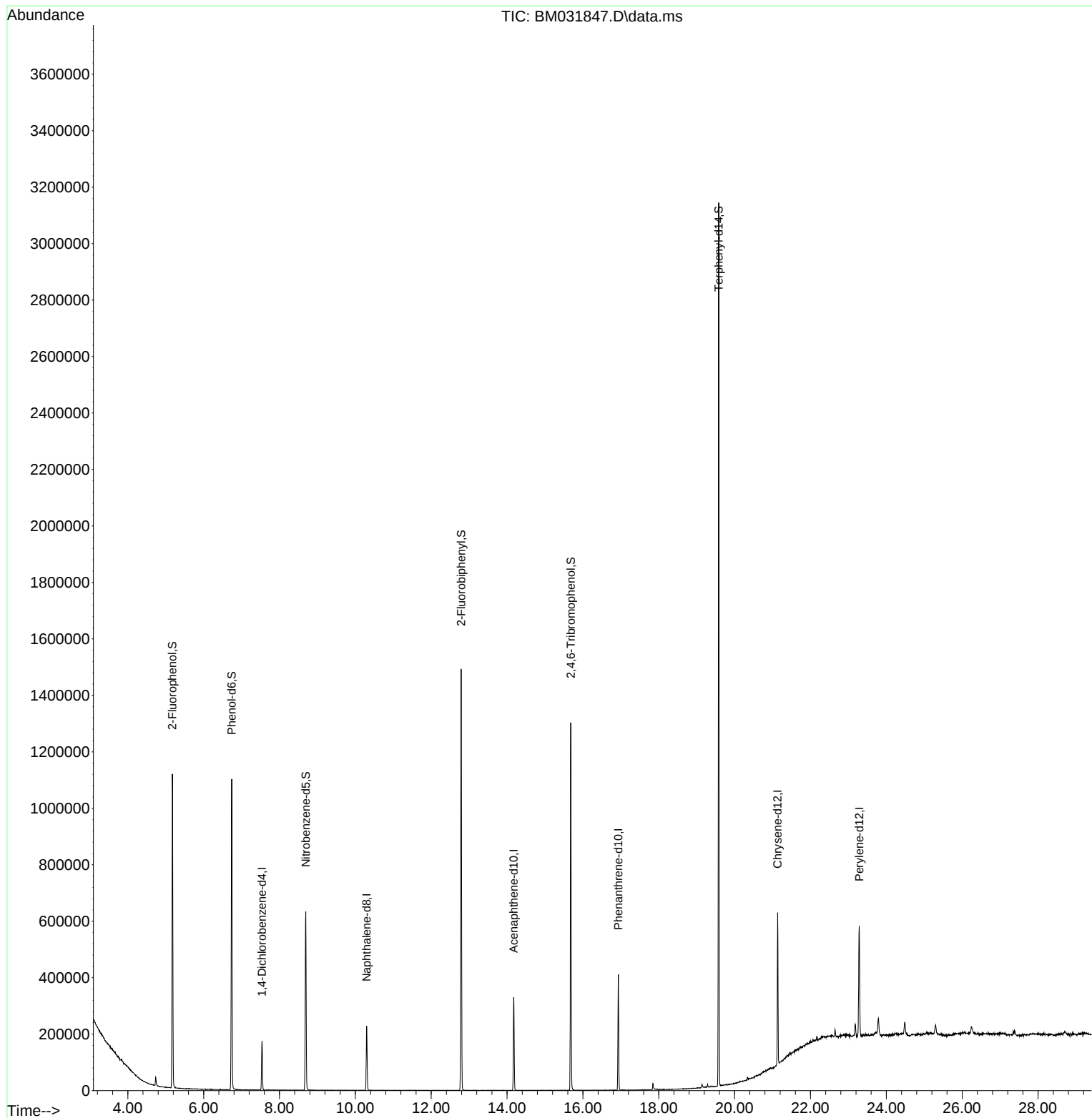
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

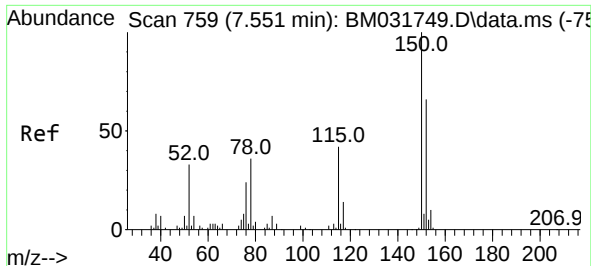
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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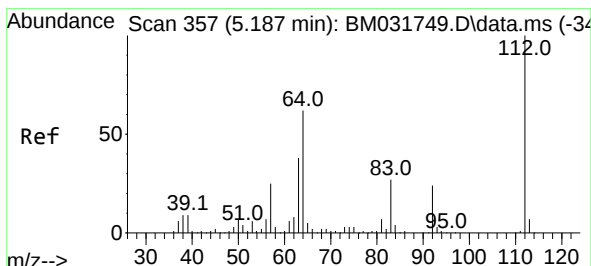
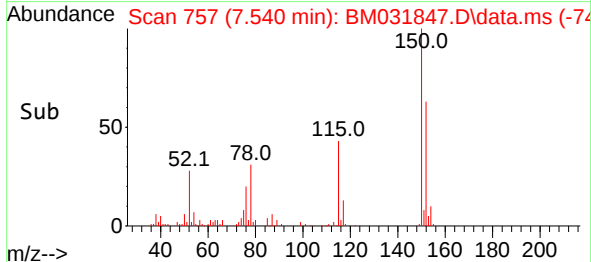
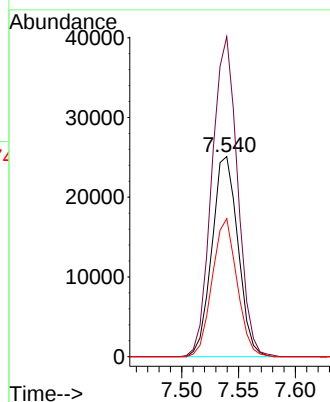
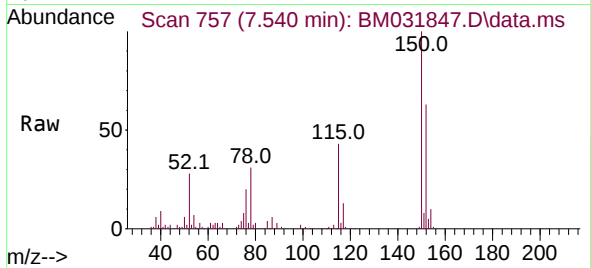




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.540 min Scan# 757  
Delta R.T. -0.000 min  
Lab File: BM031847.D  
Acq: 20 Aug 2021 18:23

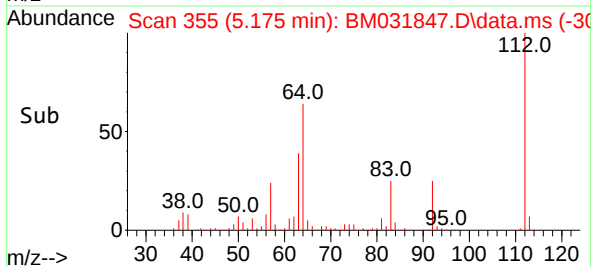
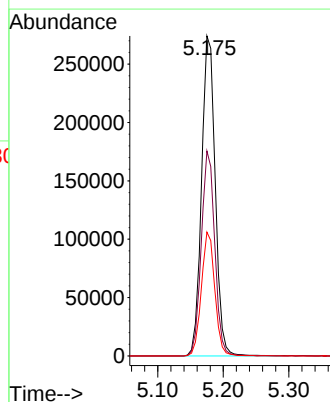
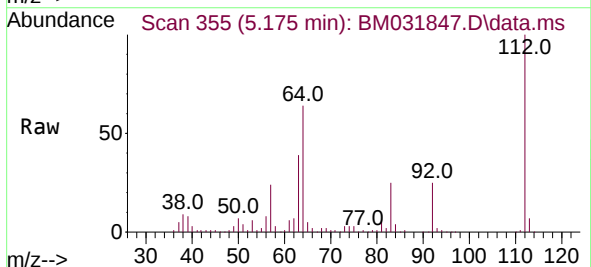
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BNA\_M  
ClientSampleId :  
PB138447BL

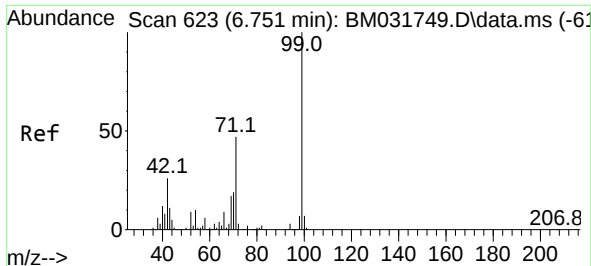
Tgt Ion:152 Resp: 40109  
Ion Ratio Lower Upper  
152 100  
150 159.8 125.9 188.9  
115 68.9 44.6 67.0#



#5  
2-Fluorophenol  
Concen: 159.553 ng  
RT: 5.175 min Scan# 355  
Delta R.T. -0.000 min  
Lab File: BM031847.D  
Acq: 20 Aug 2021 18:23

Tgt Ion:112 Resp: 398724  
Ion Ratio Lower Upper  
112 100  
64 64.0 47.1 70.7  
63 38.7 27.3 40.9

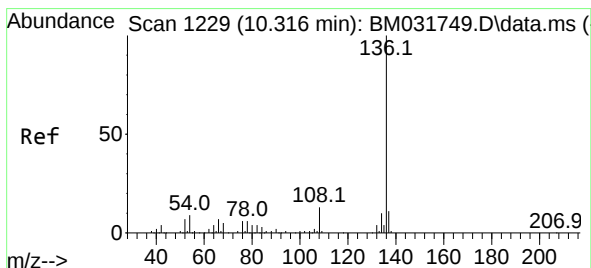
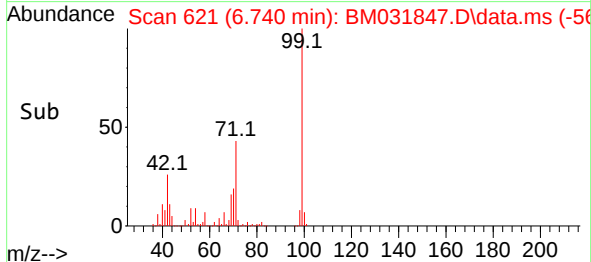
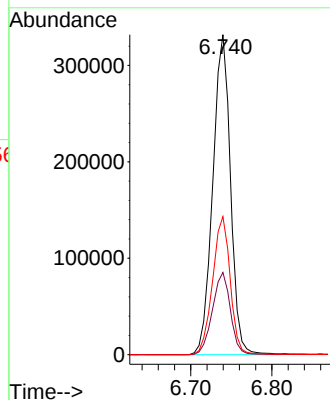
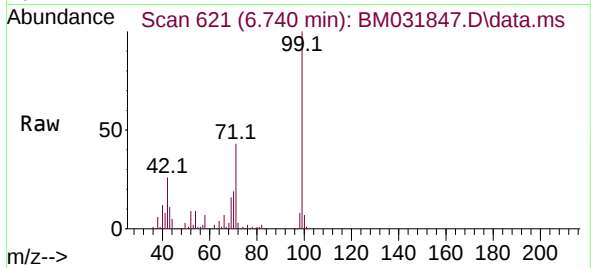




#7  
Phenol-d6  
Concen: 138.819 ng  
RT: 6.740 min Scan# 621  
Delta R.T. 0.006 min  
Lab File: BM031847.D  
Acq: 20 Aug 2021 18:23

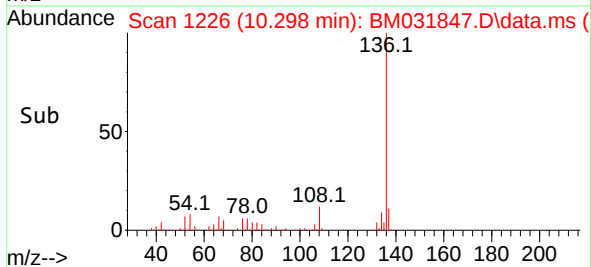
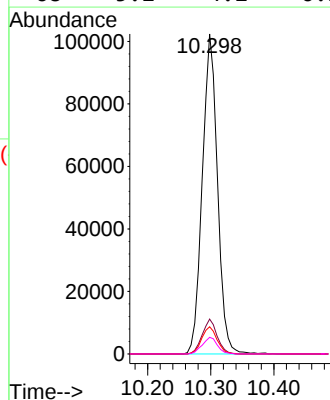
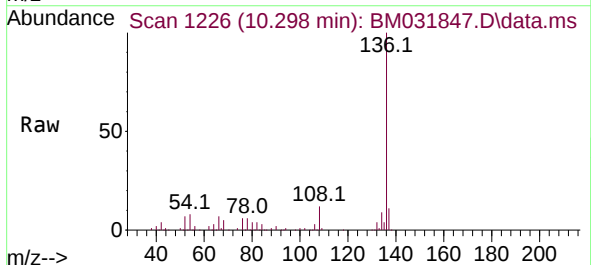
Instrument :  
BNA\_M  
ClientSampleId :  
PB138447BL

Tgt Ion: 99 Resp: 502683  
Ion Ratio Lower Upper  
99 100  
42 25.7 18.0 27.0  
71 43.2 30.9 46.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.298 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: BM031847.D  
Acq: 20 Aug 2021 18:23

Tgt Ion: 136 Resp: 170923  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.4 12.6  
54 8.5 5.5 8.3#  
68 5.2 4.2 6.2

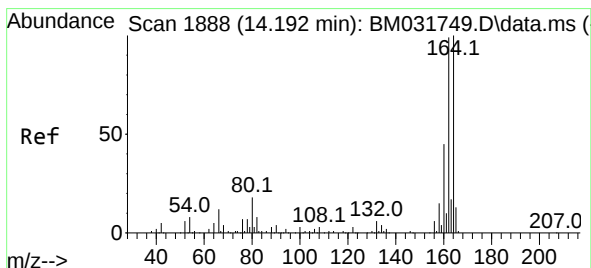
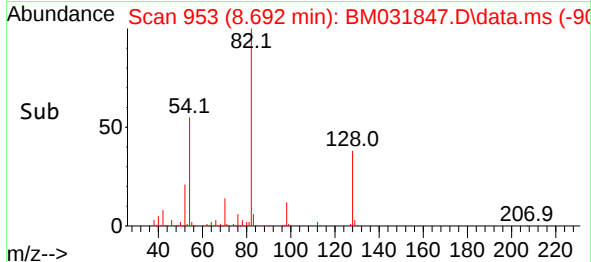
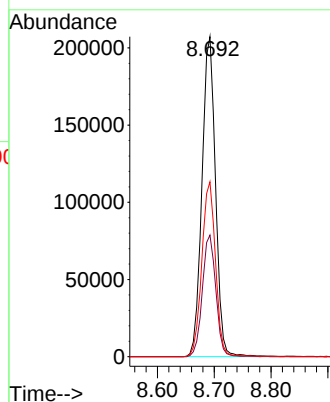
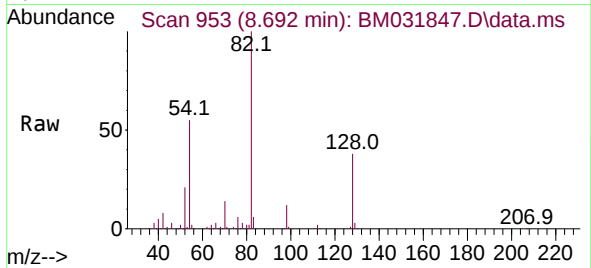




#23  
Nitrobenzene-d5  
Concen: 84.093 ng  
RT: 8.692 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: BM031847.D  
Acq: 20 Aug 2021 18:23

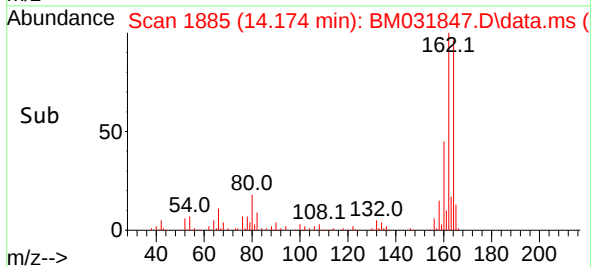
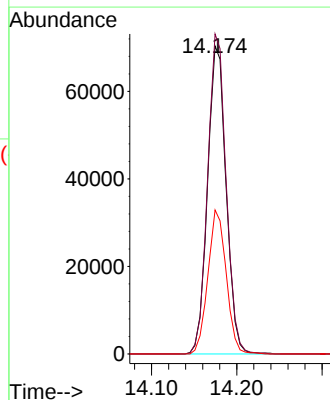
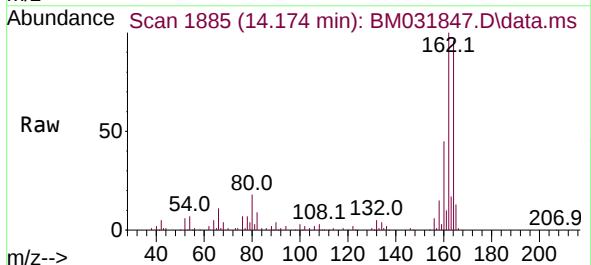
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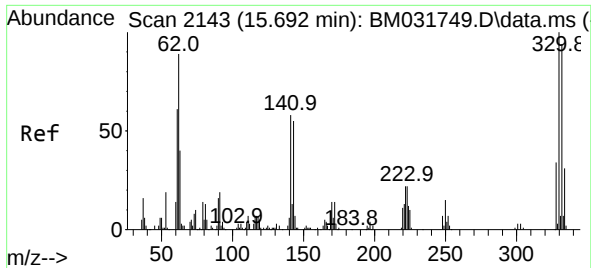
Tgt Ion: 82 Resp: 343277  
Ion Ratio Lower Upper  
82 100  
128 38.0 31.1 46.7  
54 54.6 37.3 55.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.174 min Scan# 1885  
Delta R.T. -0.006 min  
Lab File: BM031847.D  
Acq: 20 Aug 2021 18:23

Tgt Ion: 164 Resp: 106400  
Ion Ratio Lower Upper  
164 100  
162 103.9 83.4 125.0  
160 46.8 37.2 55.8

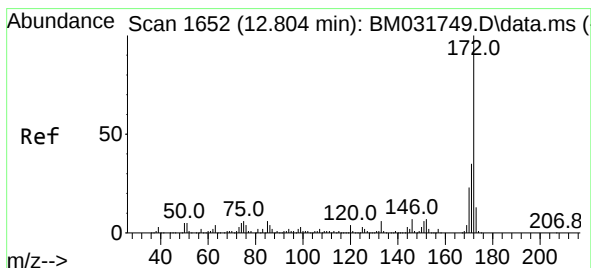
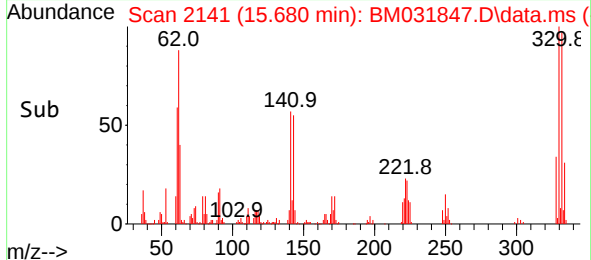
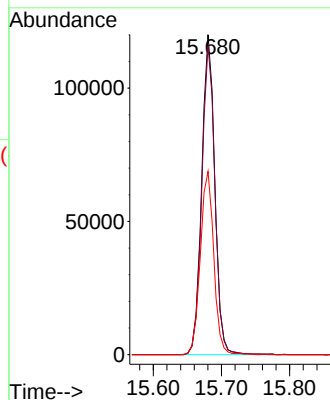
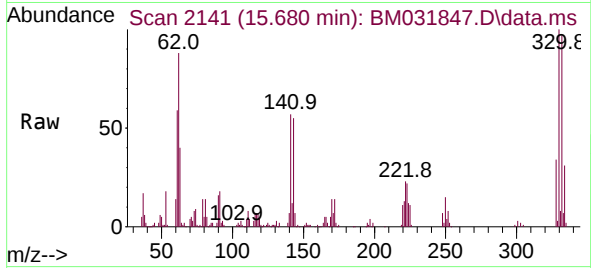




#42  
2,4,6-Tribromophenol  
Concen: 122.717 ng  
RT: 15.680 min Scan# 2141  
Delta R.T. -0.000 min  
Lab File: BM031847.D  
Acq: 20 Aug 2021 18:23

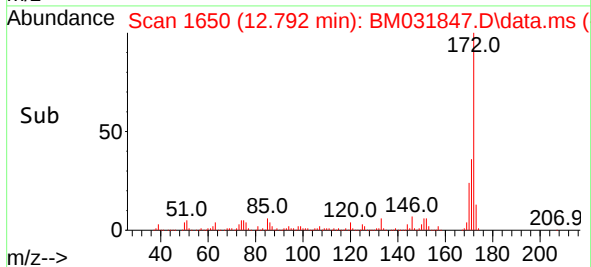
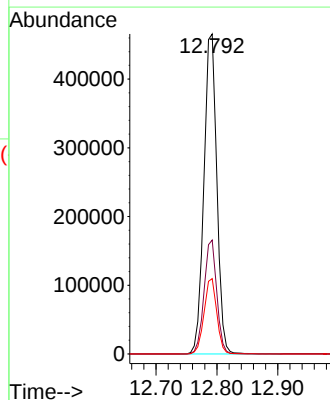
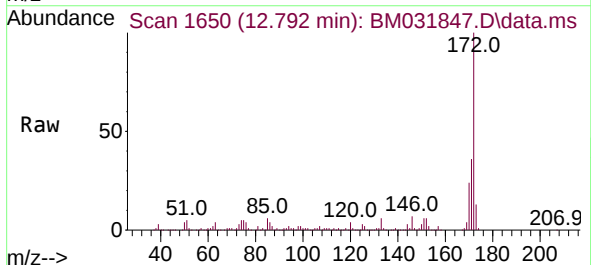
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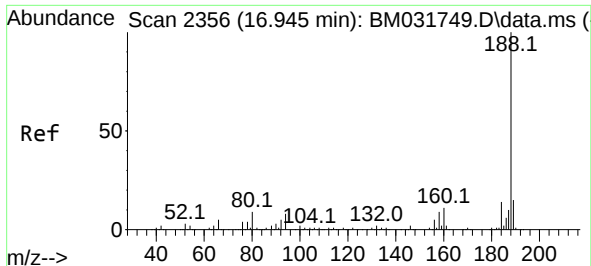
Tgt Ion:330 Resp: 160815  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.0 115.4  
141 58.8 30.2 45.2#



#45  
2-Fluorobiphenyl  
Concen: 86.117 ng  
RT: 12.792 min Scan# 1650  
Delta R.T. -0.000 min  
Lab File: BM031847.D  
Acq: 20 Aug 2021 18:23

Tgt Ion:172 Resp: 688409  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.6 43.0  
170 23.6 18.4 27.6

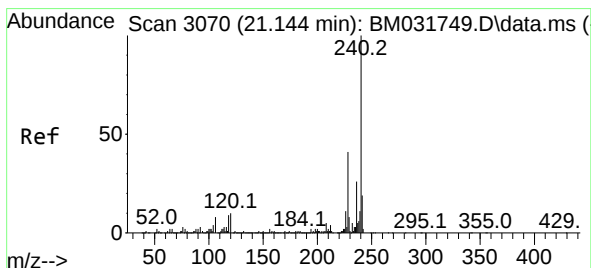
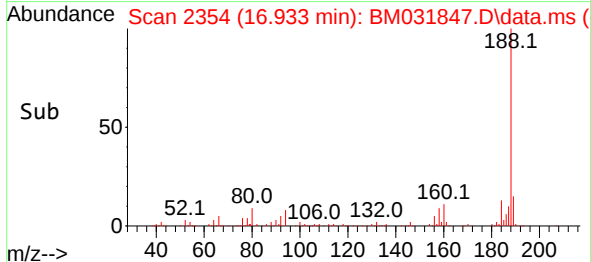
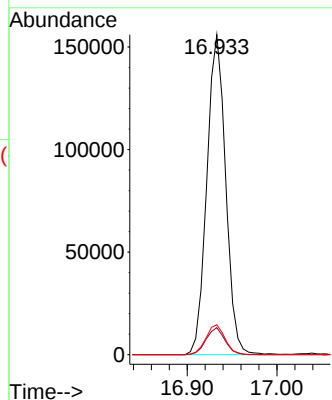
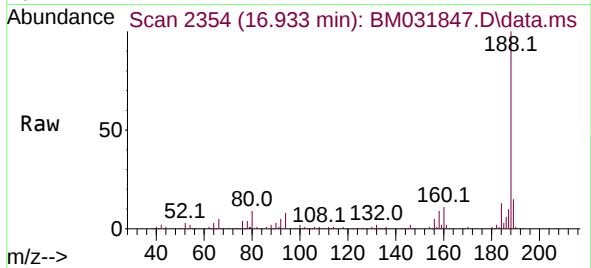




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.933 min Scan# 2354  
Delta R.T. -0.000 min  
Lab File: BM031847.D  
Acq: 20 Aug 2021 18:23

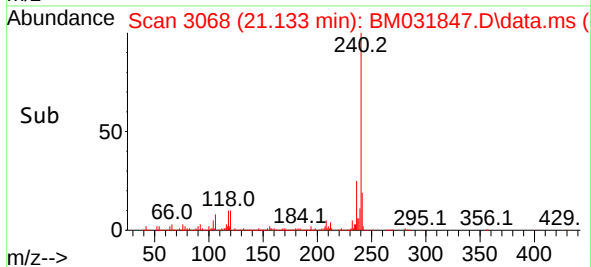
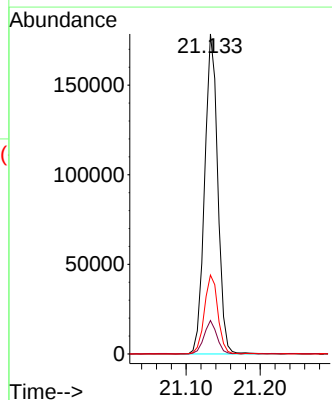
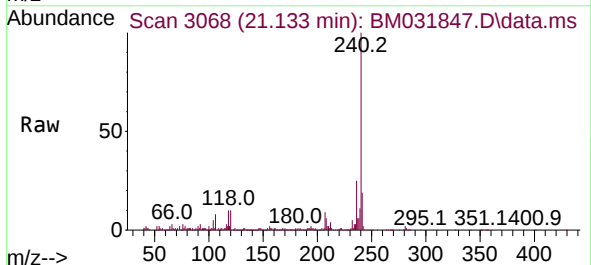
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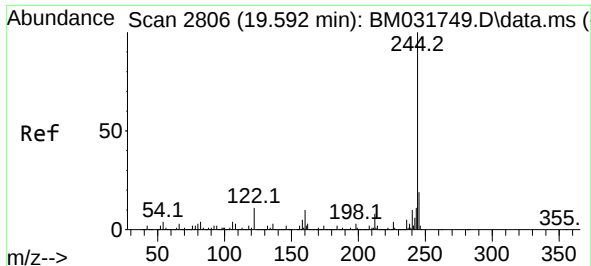
Tgt Ion:188 Resp: 227151  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.0 9.0  
80 9.3 6.6 9.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.133 min Scan# 3068  
Delta R.T. -0.000 min  
Lab File: BM031847.D  
Acq: 20 Aug 2021 18:23

Tgt Ion:240 Resp: 220066  
Ion Ratio Lower Upper  
240 100  
120 10.5 7.0 10.6  
236 24.7 21.0 31.4

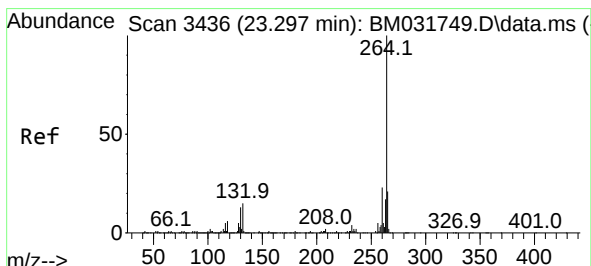
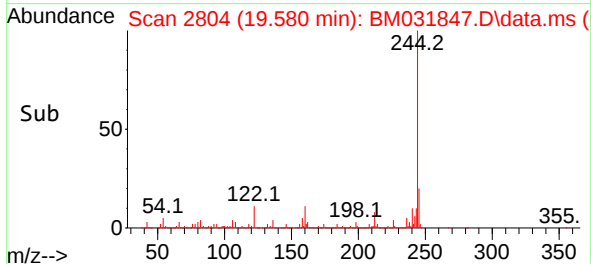
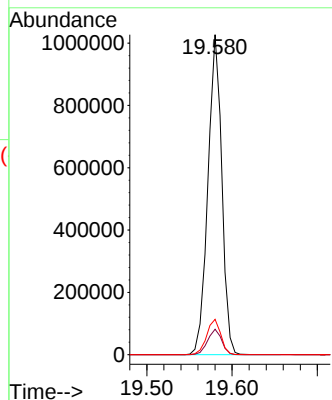
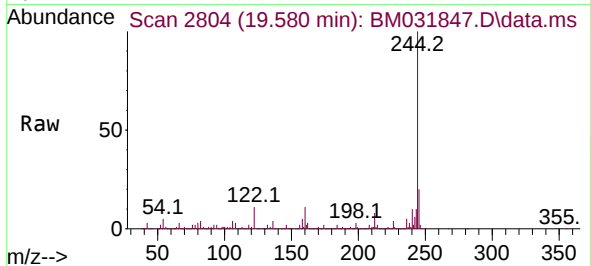




#79  
 Terphenyl-d14  
 Concen: 88.904 ng  
 RT: 19.580 min Scan# 2804  
 Delta R.T. -0.000 min  
 Lab File: BM031847.D  
 Acq: 20 Aug 2021 18:23

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB138447BL

Tgt Ion:244 Resp: 1161198  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.3 9.5  
 122 11.1 6.9 10.3#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.286 min Scan# 3434  
 Delta R.T. 0.006 min  
 Lab File: BM031847.D  
 Acq: 20 Aug 2021 18:23

Tgt Ion:264 Resp: 241240  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 19.8 29.8  
 265 21.9 17.7 26.5

