

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072121\  
 Data File : BM031038.D  
 Acq On : 21 Jul 2021 10:27  
 Operator : CG/JU  
 Sample : PB137674BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB137674BL

Quant Time: Jul 21 11:02:49 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 20 13:21:40 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.634  | 152  | 61193    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.404 | 136  | 261884   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.263 | 164  | 182796   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.009 | 188  | 427470   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.203 | 240  | 483123   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.380 | 264  | 524714   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.257  | 112  | 556023   | 163.16 | ng    | 0.00     |
| 7) Phenol-d6                | 6.822  | 99   | 718315   | 145.41 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.786  | 82   | 462412   | 88.66  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.762 | 330  | 307579   | 128.86 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.886 | 172  | 1067909  | 87.17  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.656 | 244  | 2336002  | 95.67  | ng    | 0.00     |

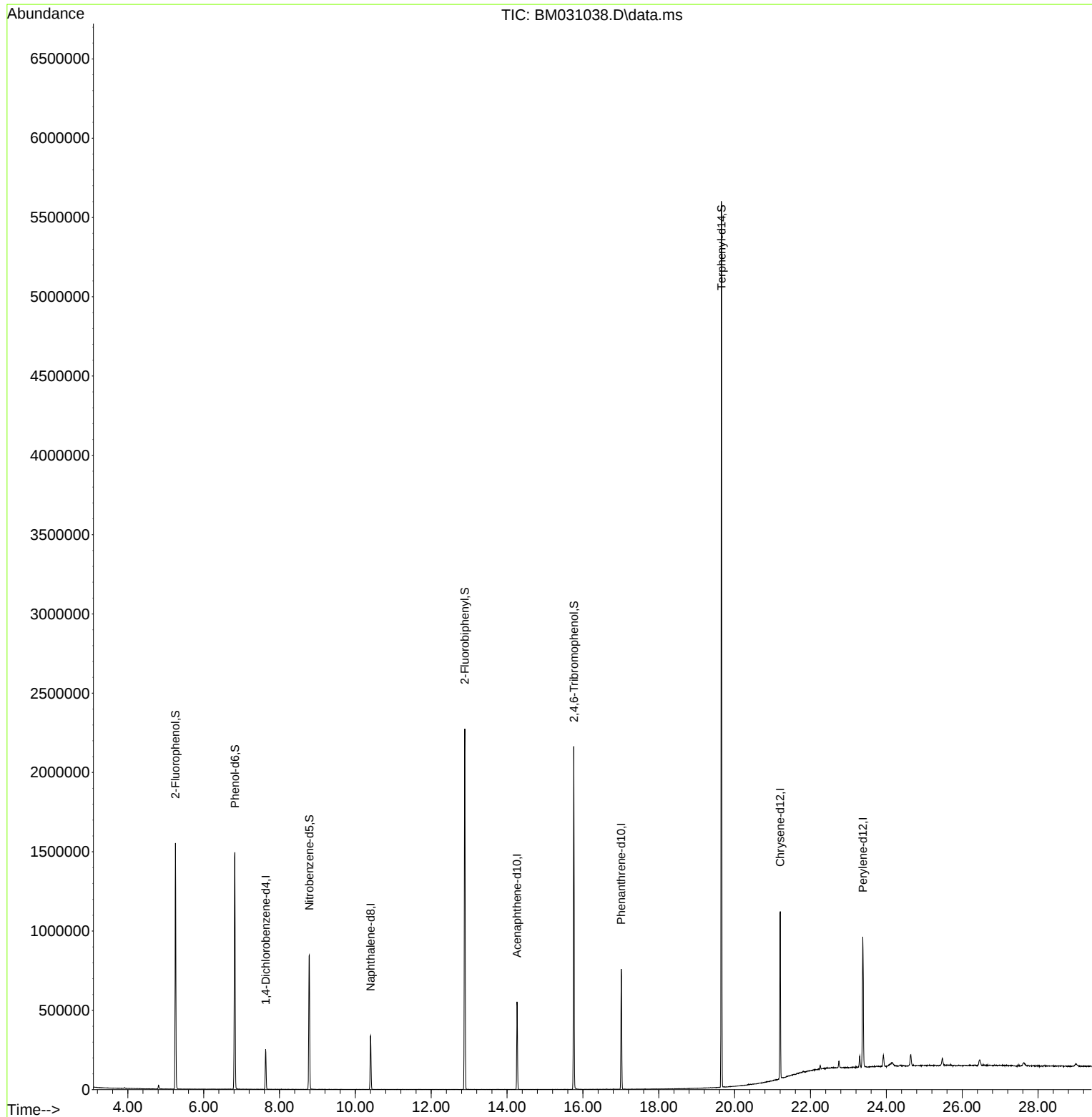
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

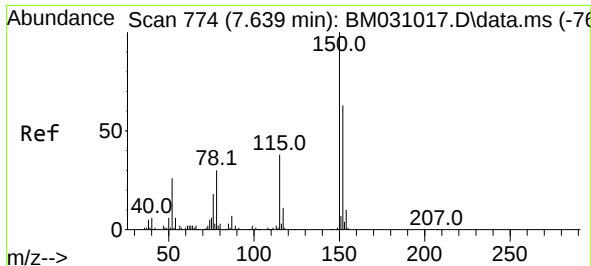
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 20 13:21:40 2021  
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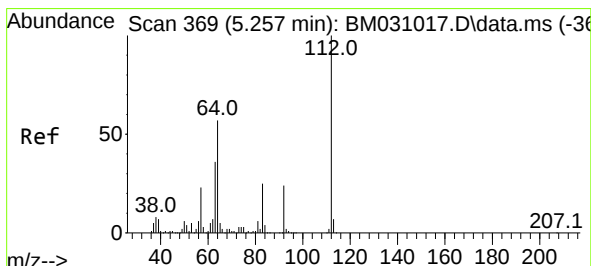
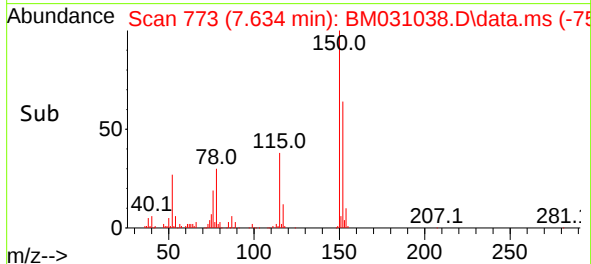
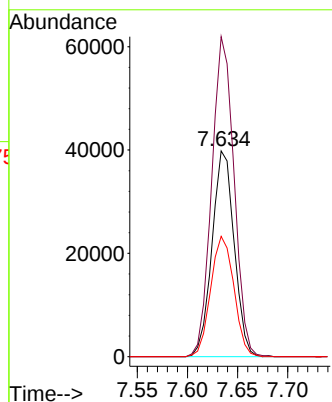
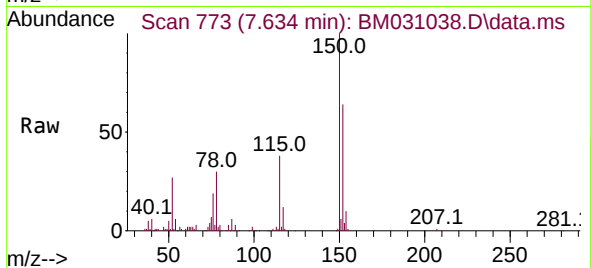




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.634 min Scan# 773  
Delta R.T. -0.005 min  
Lab File: BM031038.D  
Acq: 21 Jul 2021 10:27

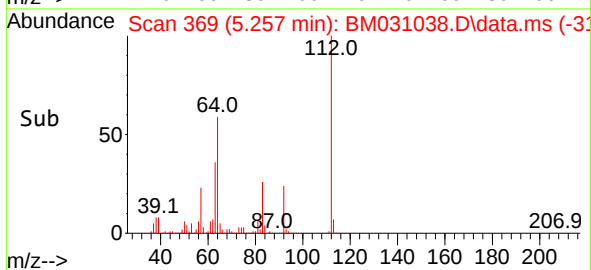
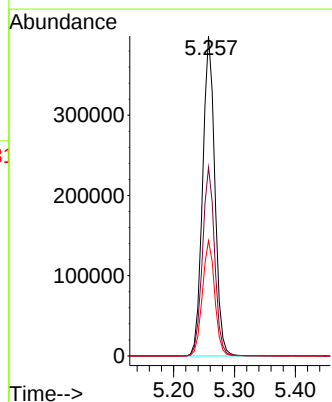
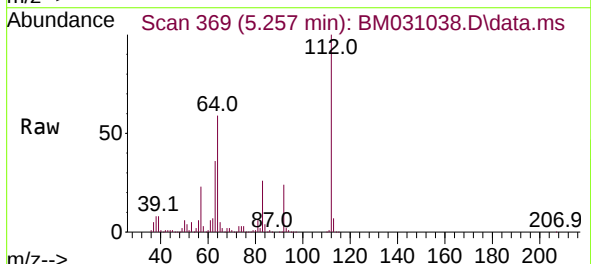
Instrument :  
BNA\_M  
ClientSampleId :  
PB137674BL

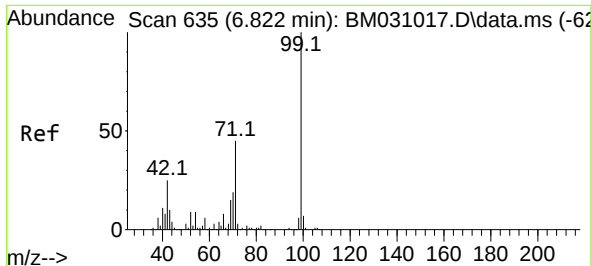
Tgt Ion:152 Resp: 61193  
Ion Ratio Lower Upper  
152 100  
150 155.5 125.9 188.9  
115 58.5 44.6 67.0



#5  
2-Fluorophenol  
Concen: 163.16 ng  
RT: 5.257 min Scan# 369  
Delta R.T. 0.000 min  
Lab File: BM031038.D  
Acq: 21 Jul 2021 10:27

Tgt Ion:112 Resp: 556023  
Ion Ratio Lower Upper  
112 100  
64 58.9 47.1 70.7  
63 36.0 27.3 40.9

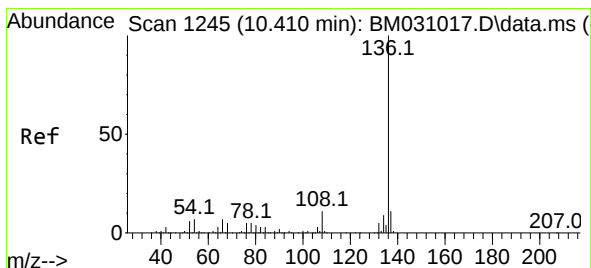
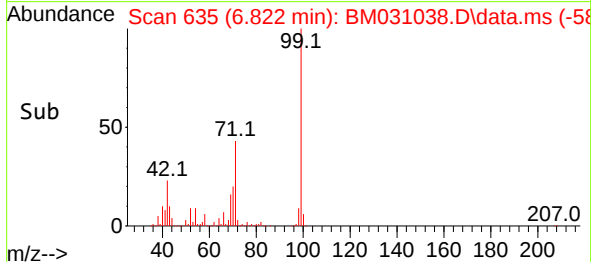
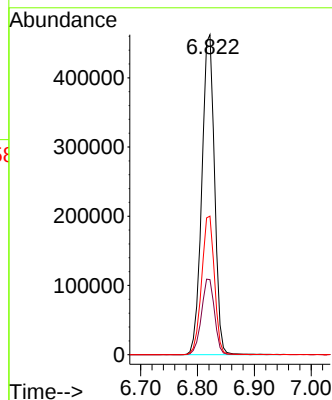
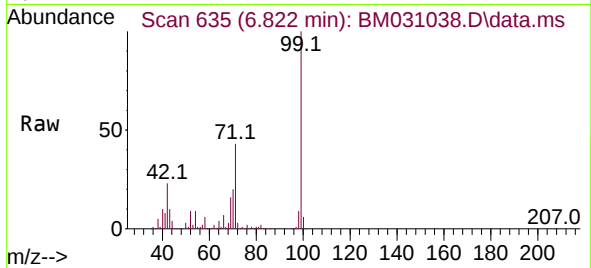




#7  
Phenol-d6  
Concen: 145.41 ng  
RT: 6.822 min Scan# 635  
Delta R.T. 0.000 min  
Lab File: BM031038.D  
Acq: 21 Jul 2021 10:27

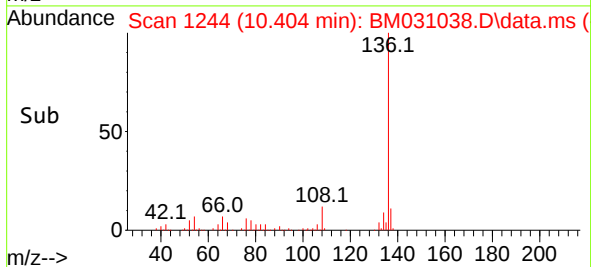
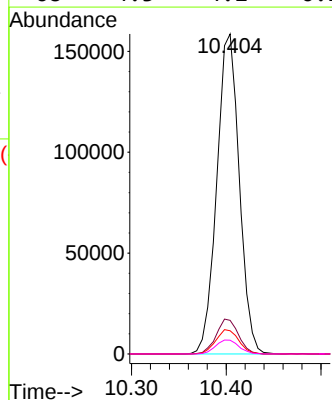
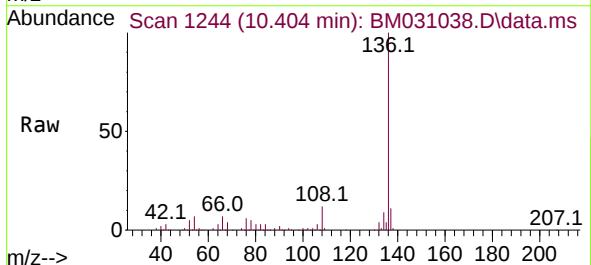
Instrument :  
BNA\_M  
ClientSampleId :  
PB137674BL

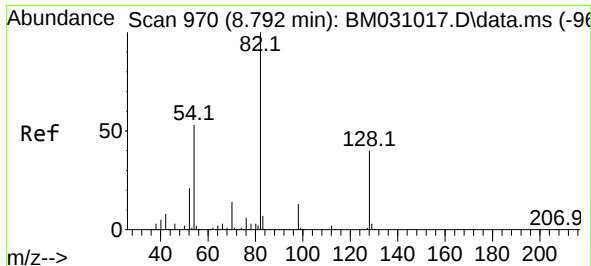
Tgt Ion: 99 Resp: 718315  
Ion Ratio Lower Upper  
99 100  
42 23.4 18.0 27.0  
71 43.3 30.9 46.3



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.404 min Scan# 1244  
Delta R.T. -0.006 min  
Lab File: BM031038.D  
Acq: 21 Jul 2021 10:27

Tgt Ion:136 Resp: 261884  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.4 12.6  
54 7.3 5.5 8.3  
68 4.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 88.66 ng

RT: 8.786 min Scan# 969

Delta R.T. -0.006 min

Lab File: BM031038.D

Acq: 21 Jul 2021 10:27

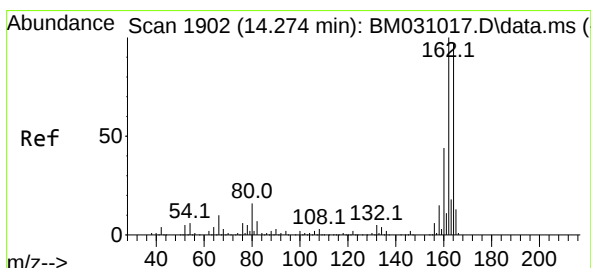
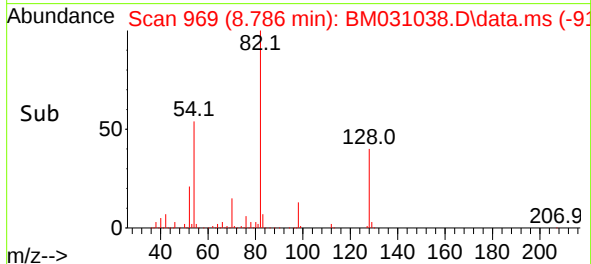
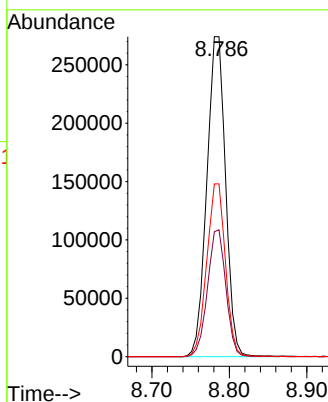
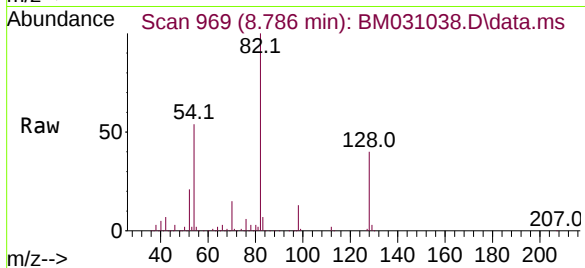
Instrument :

BNA\_M

ClientSampleId :

PB137674BL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 462412 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.6  | 31.1  | 46.7   |
| 54        | 54.0  | 37.3  | 55.9   |



#39

Acenaphthene-d10

Concen: 20.00 ng

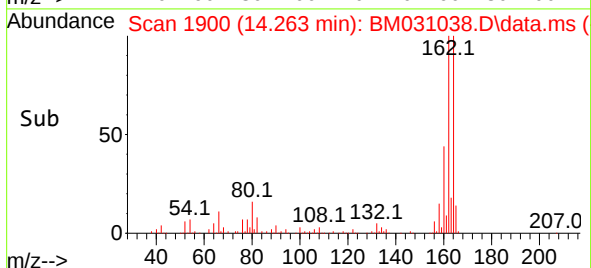
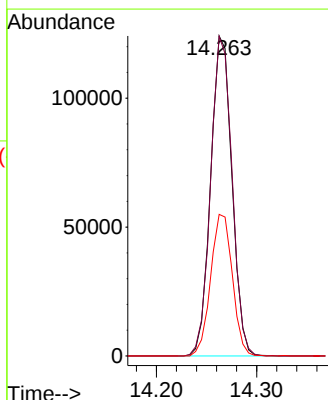
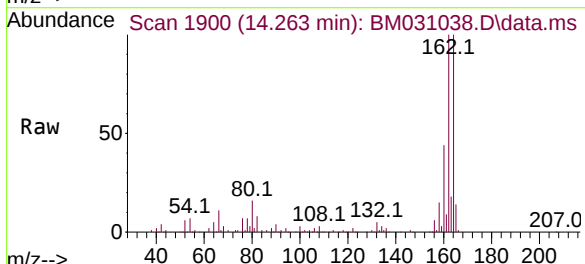
RT: 14.263 min Scan# 1900

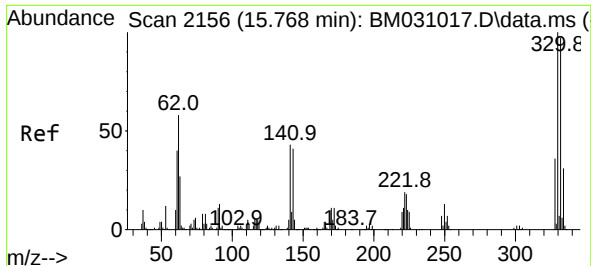
Delta R.T. -0.012 min

Lab File: BM031038.D

Acq: 21 Jul 2021 10:27

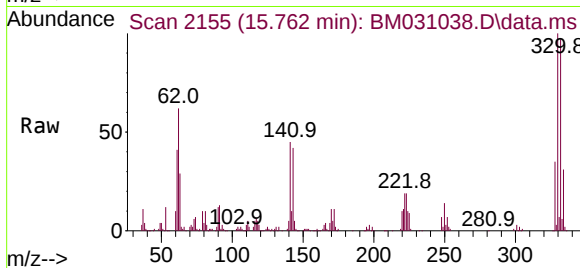
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 182796 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.8  | 83.4  | 125.0  |
| 160       | 44.3  | 37.2  | 55.8   |



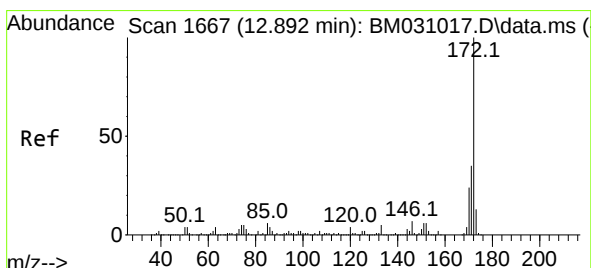
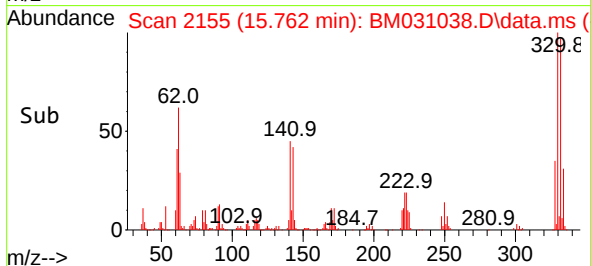
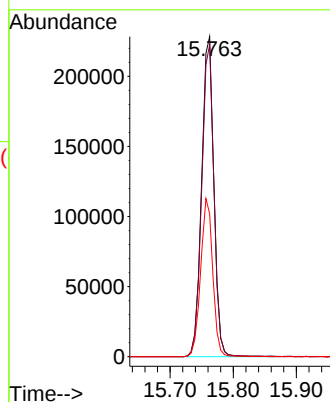


#42  
2,4,6-Tribromophenol  
Concen: 128.86 ng  
RT: 15.762 min Scan# 2155  
Delta R.T. -0.006 min  
Lab File: BM031038.D  
Acq: 21 Jul 2021 10:27

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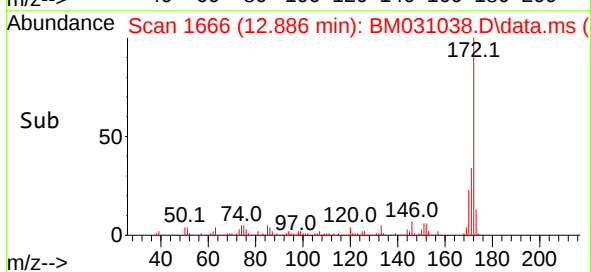
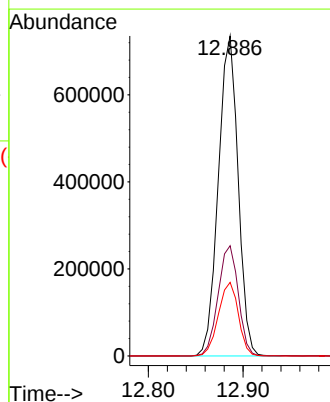
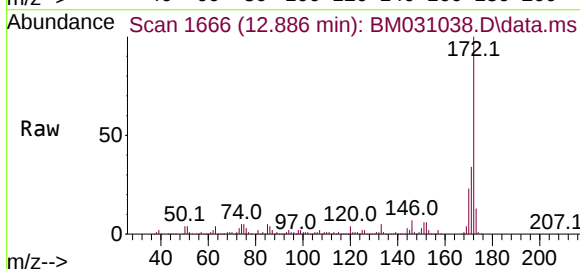


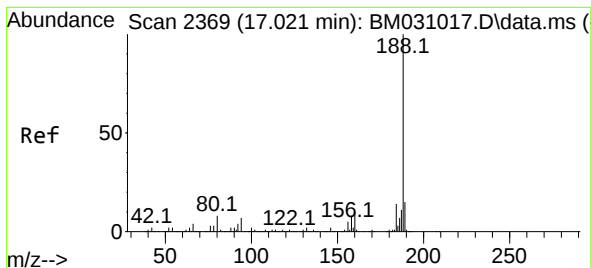
Tgt Ion:330 Resp: 307579  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.0 115.4  
141 48.7 30.2 45.2#



#45  
2-Fluorobiphenyl  
Concen: 87.17 ng  
RT: 12.886 min Scan# 1666  
Delta R.T. -0.006 min  
Lab File: BM031038.D  
Acq: 21 Jul 2021 10:27

Tgt Ion:172 Resp: 1067909  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.6 43.0  
170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.009 min Scan# 2367

Delta R.T. -0.012 min

Lab File: BM031038.D

Acq: 21 Jul 2021 10:27

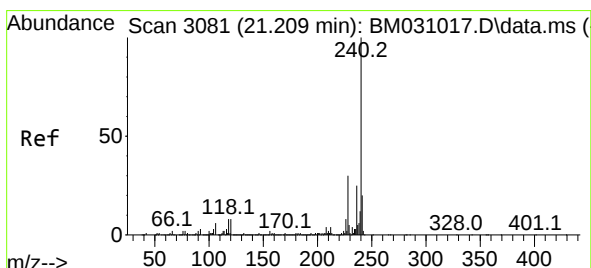
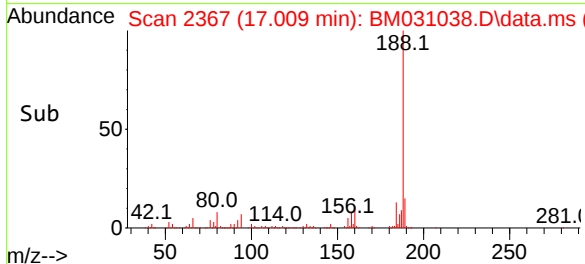
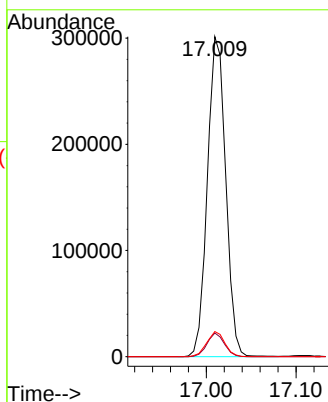
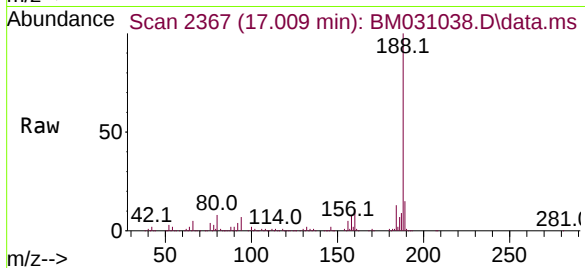
Tgt Ion:188 Resp: 427470

Ion Ratio Lower Upper

188 100

94 7.4 6.0 9.0

80 7.9 6.6 9.8



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.203 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BM031038.D

Acq: 21 Jul 2021 10:27

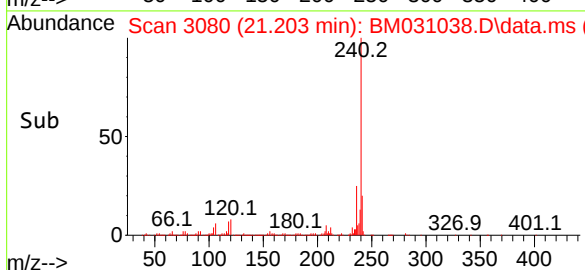
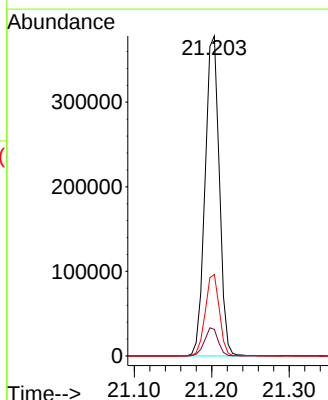
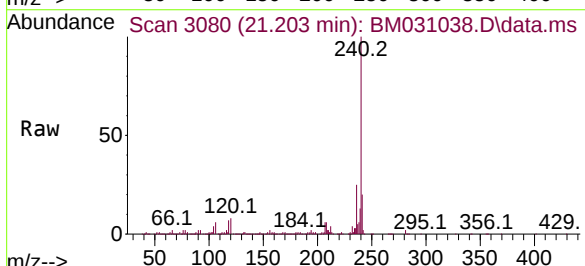
Tgt Ion:240 Resp: 483123

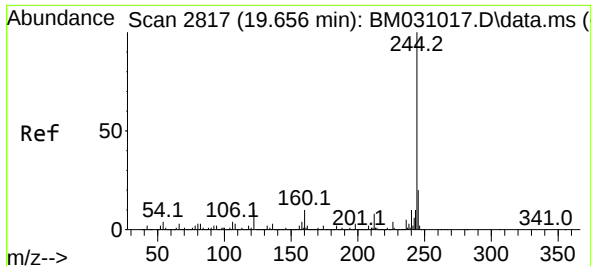
Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

236 25.5 21.0 31.4

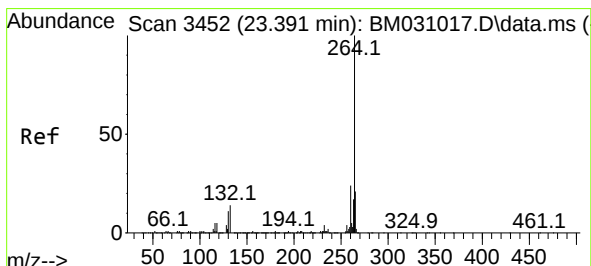
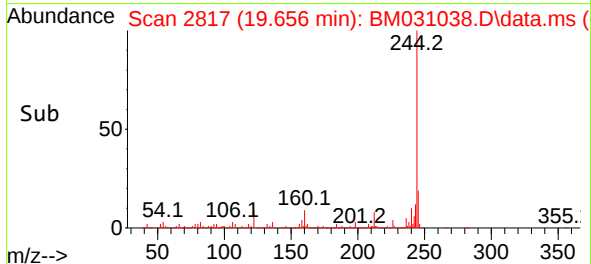
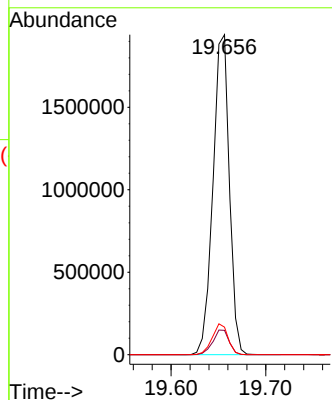
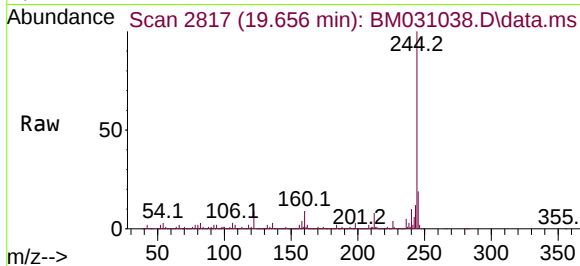




#79  
 Terphenyl-d14  
 Concen: 95.67 ng  
 RT: 19.656 min Scan# 2817  
 Delta R.T. 0.000 min  
 Lab File: BM031038.D  
 Acq: 21 Jul 2021 10:27

Instrument :  
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Tgt Ion:244 Resp: 2336002  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.3 9.5  
 122 8.6 6.9 10.3



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.380 min Scan# 3450  
 Delta R.T. -0.012 min  
 Lab File: BM031038.D  
 Acq: 21 Jul 2021 10:27

Tgt Ion:264 Resp: 524714  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 19.8 29.8  
 265 21.5 17.7 26.5

