

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041023\  
 Data File : BM039380.D  
 Acq On : 10 Apr 2023 16:42  
 Operator : CG/JU  
 Sample : 02243-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ETGI-338

Quant Time: Apr 11 02:12:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 11 02:05:37 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.869  | 152  | 236543   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.680 | 136  | 954725   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.521 | 164  | 582117   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.268 | 188  | 1118149  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.462 | 240  | 744876   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.844 | 264  | 770592   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 832523   | 53.026 | ng    | 0.00     |
| 7) Phenol-d6                | 7.040  | 99   | 1349369  | 66.448 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.039  | 82   | 1026826  | 52.273 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.015 | 330  | 306875   | 41.529 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.145 | 172  | 2351823  | 54.740 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.898 | 244  | 2883048  | 71.510 | ng    | 0.00     |

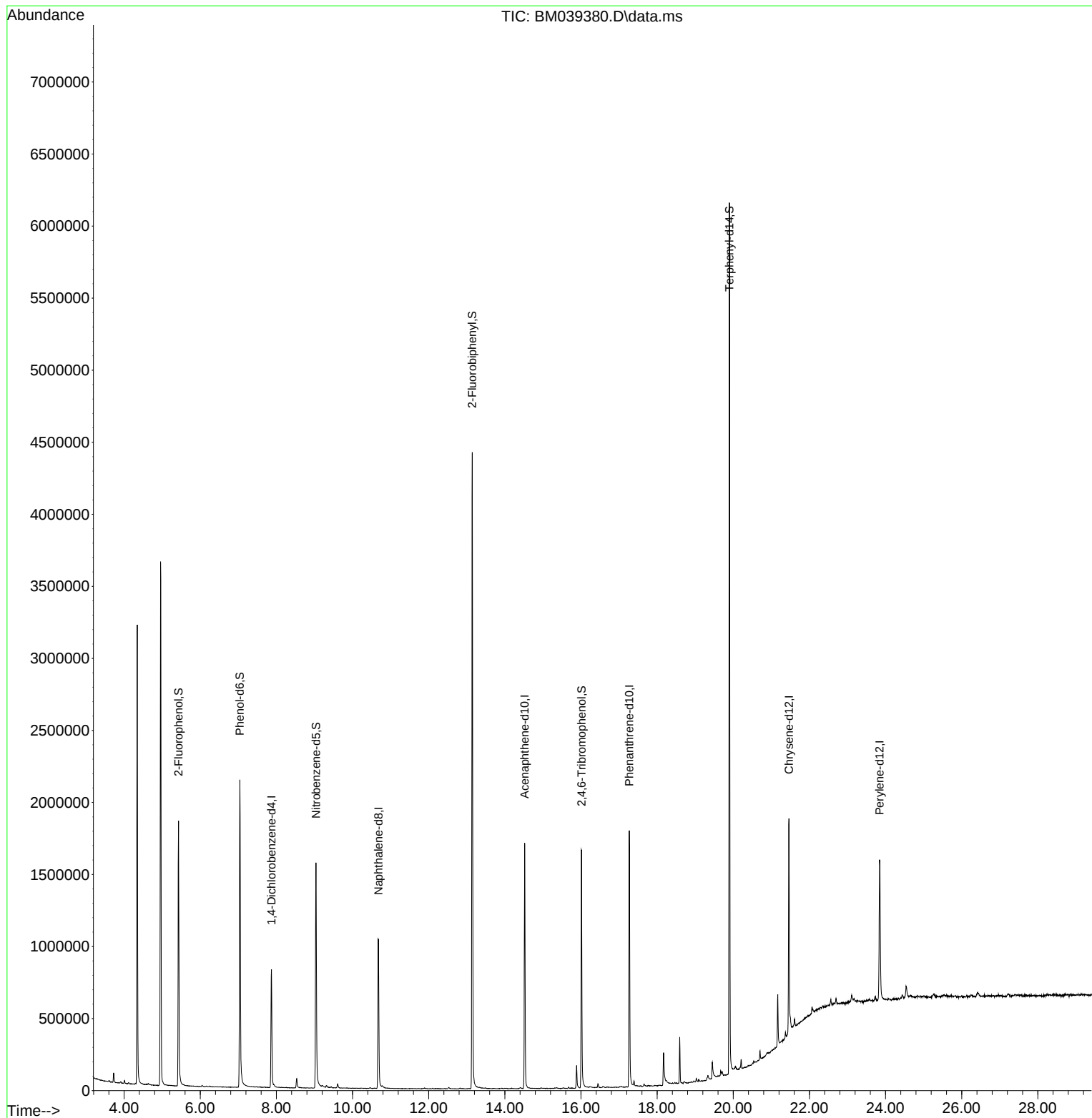
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

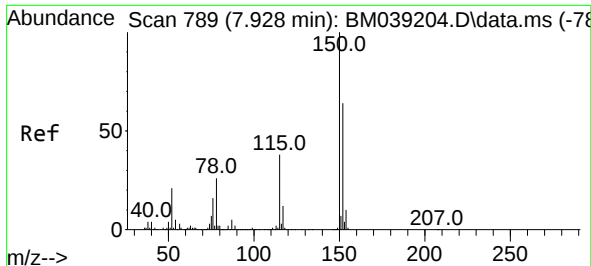
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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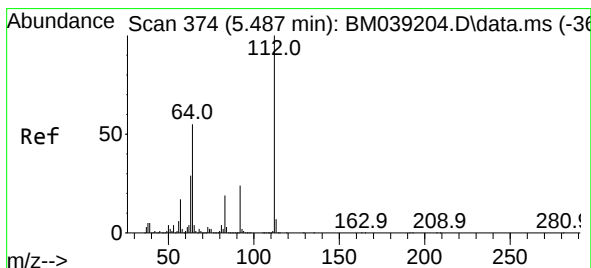
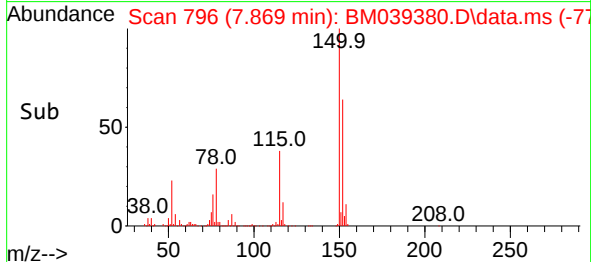
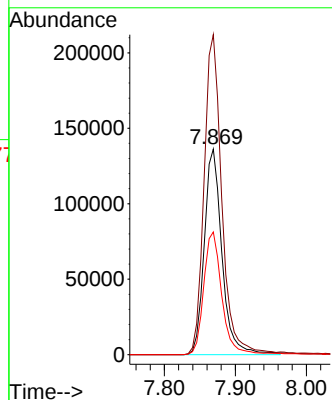
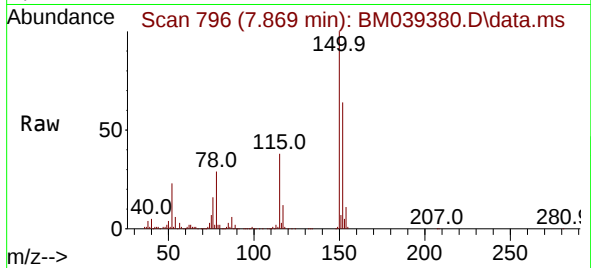




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.869 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: BM039380.D  
Acq: 10 Apr 2023 16:42

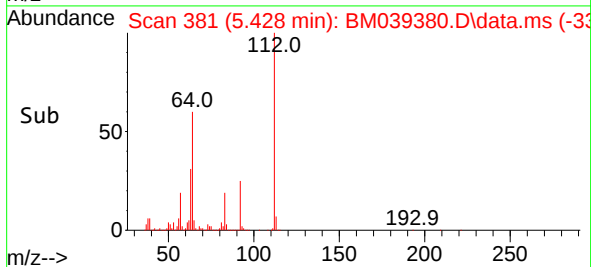
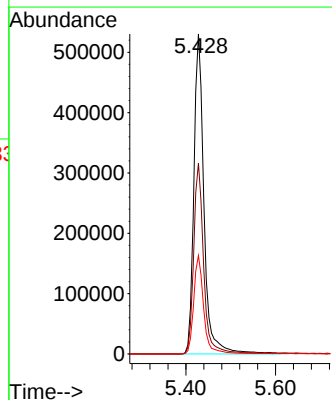
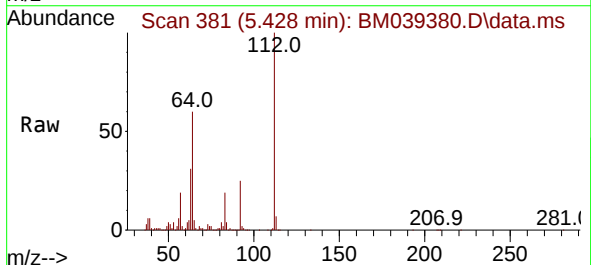
Instrument :  
BNA\_M  
ClientSampleId :  
ETGI-338

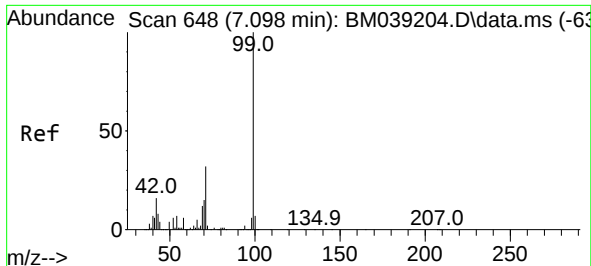
Tgt Ion:152 Resp: 236543  
Ion Ratio Lower Upper  
152 100  
150 155.7 125.5 188.3  
115 59.7 48.1 72.1



#5  
2-Fluorophenol  
Concen: 53.026 ng  
RT: 5.428 min Scan# 381  
Delta R.T. -0.000 min  
Lab File: BM039380.D  
Acq: 10 Apr 2023 16:42

Tgt Ion:112 Resp: 832523  
Ion Ratio Lower Upper  
112 100  
64 59.7 44.3 66.5  
63 30.8 23.0 34.6

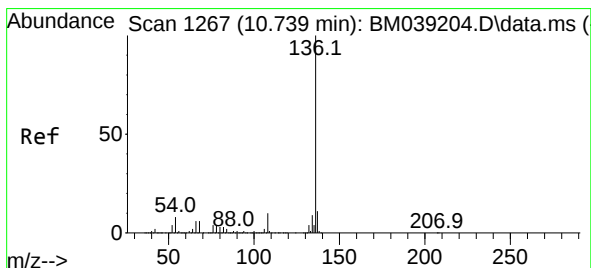
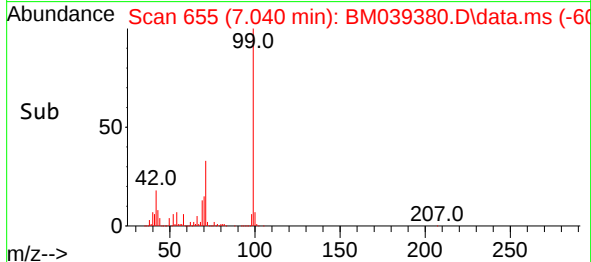
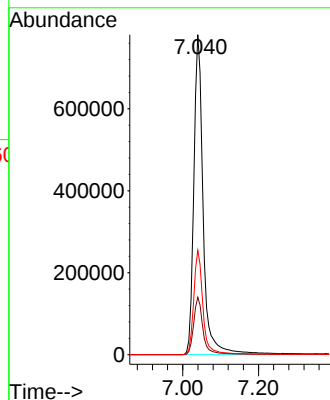
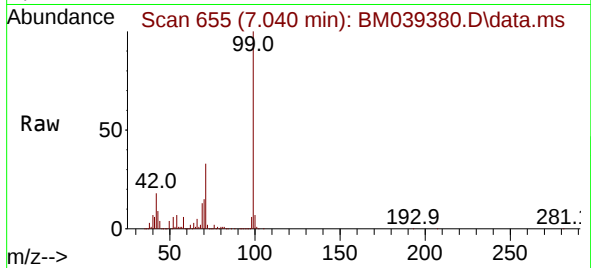




#7  
Phenol-d6  
Concen: 66.448 ng  
RT: 7.040 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM039380.D  
Acq: 10 Apr 2023 16:42

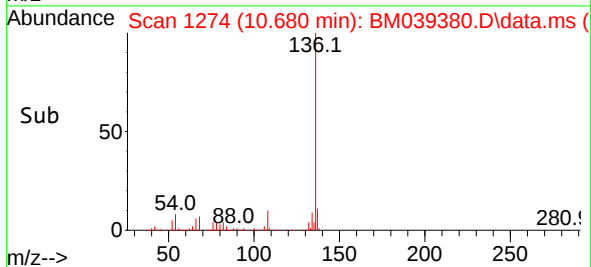
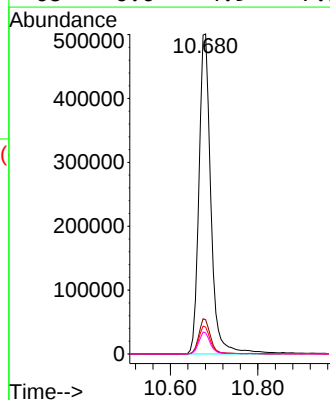
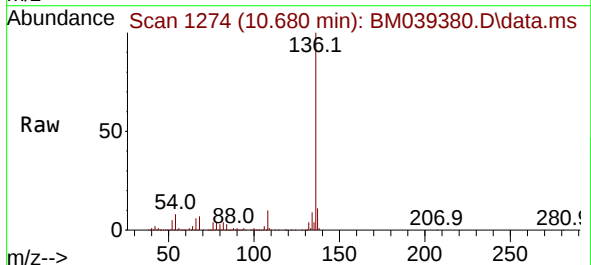
Instrument :  
BNA\_M  
ClientSampleId :  
ETGI-338

Tgt Ion: 99 Resp: 1349369  
Ion Ratio Lower Upper  
99 100  
42 17.9 13.0 19.6  
71 32.6 25.5 38.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.680 min Scan# 1274  
Delta R.T. -0.000 min  
Lab File: BM039380.D  
Acq: 10 Apr 2023 16:42

Tgt Ion: 136 Resp: 954725  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 8.4 6.2 9.4  
68 6.6 4.9 7.3

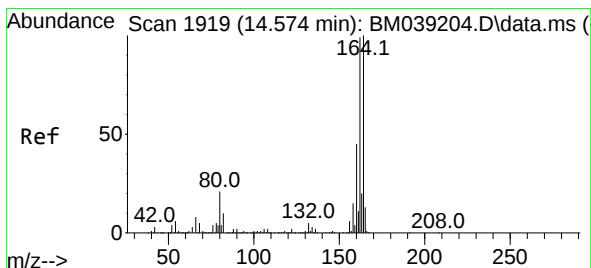
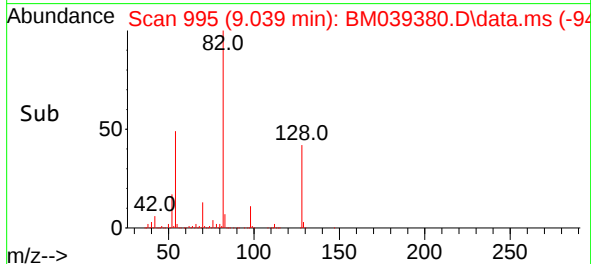
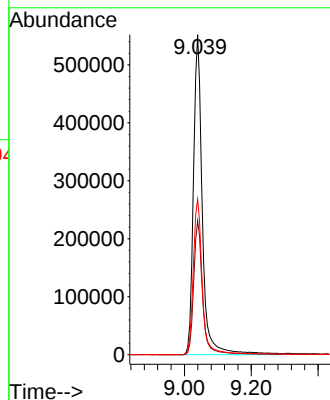
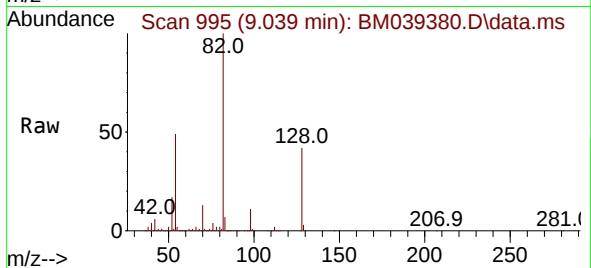




#23  
Nitrobenzene-d5  
Concen: 52.273 ng  
RT: 9.039 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM039380.D  
Acq: 10 Apr 2023 16:42

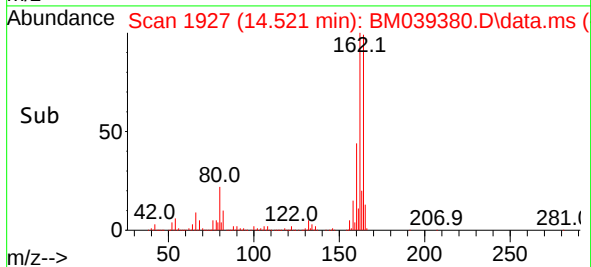
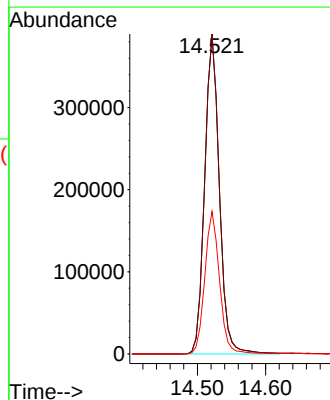
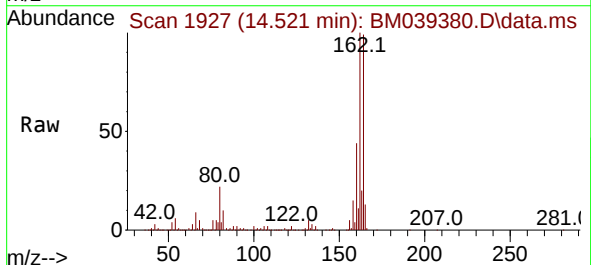
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BNA\_M  
ClientSampleId :  
ETGI-338

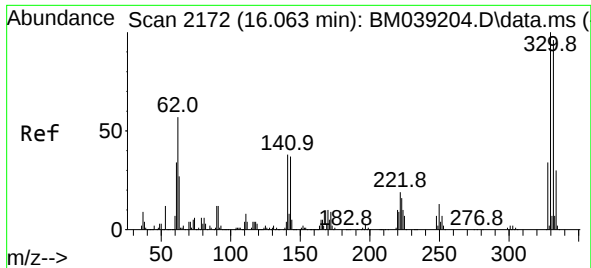
Tgt Ion: 82 Resp: 1026826  
Ion Ratio Lower Upper  
82 100  
128 41.9 35.1 52.7  
54 48.6 38.5 57.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.521 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: BM039380.D  
Acq: 10 Apr 2023 16:42

Tgt Ion: 164 Resp: 582117  
Ion Ratio Lower Upper  
164 100  
162 100.7 79.1 118.7  
160 44.8 35.8 53.8

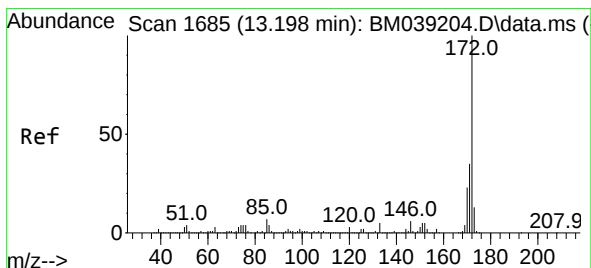
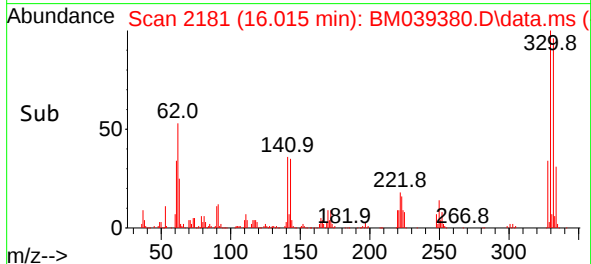
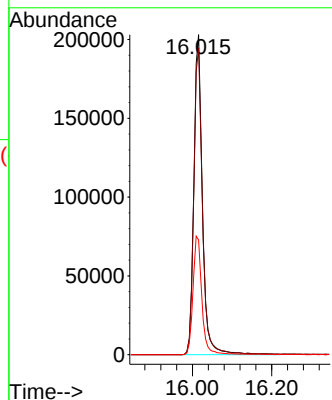
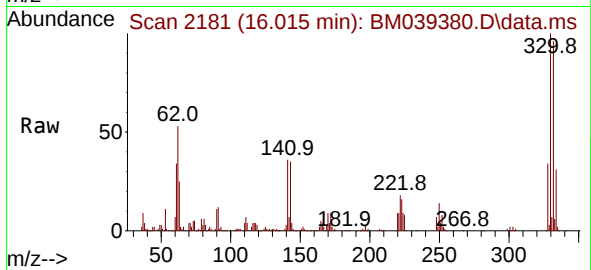




#42  
2,4,6-Tribromophenol  
Concen: 41.529 ng  
RT: 16.015 min Scan# 2172  
Delta R.T. -0.000 min  
Lab File: BM039380.D  
Acq: 10 Apr 2023 16:42

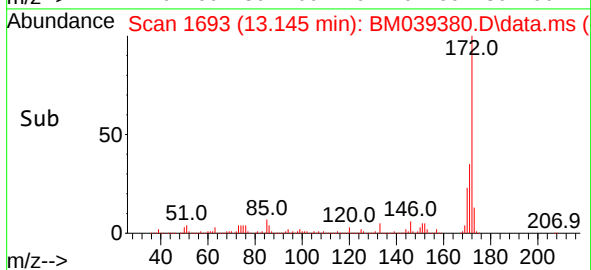
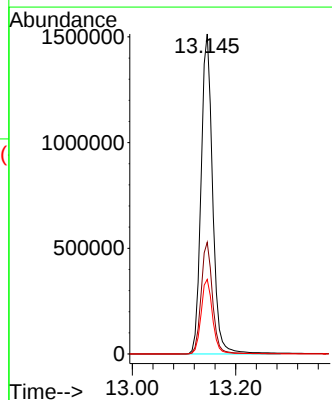
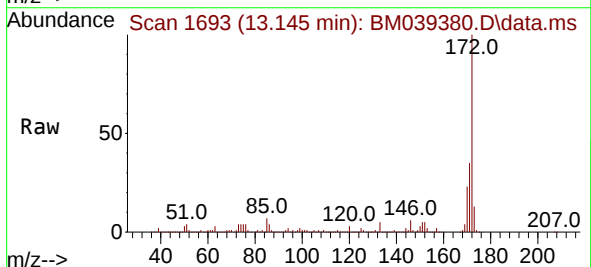
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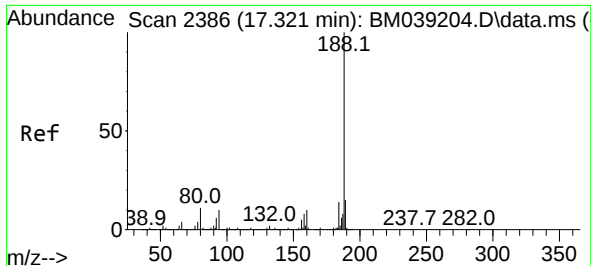
Tgt Ion:330 Resp: 306875  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.4 116.0  
141 38.4 29.8 44.6



#45  
2-Fluorobiphenyl  
Concen: 54.740 ng  
RT: 13.145 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: BM039380.D  
Acq: 10 Apr 2023 16:42

Tgt Ion:172 Resp: 2351823  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.0 42.0  
170 23.3 18.7 28.1

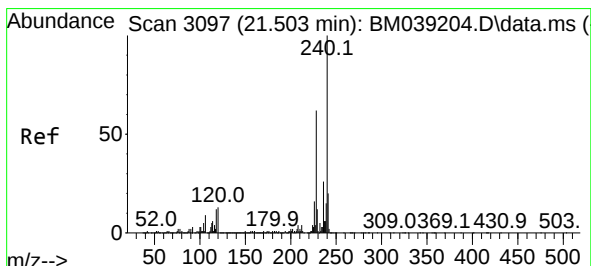
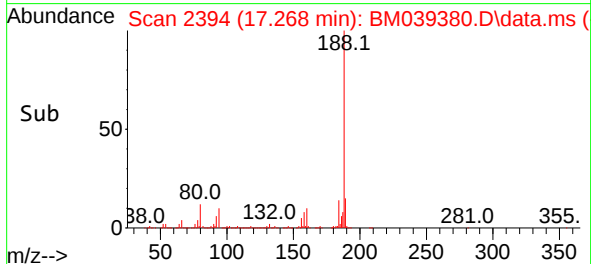
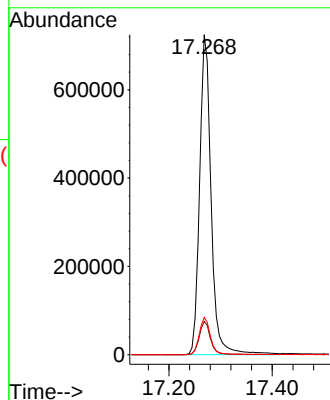
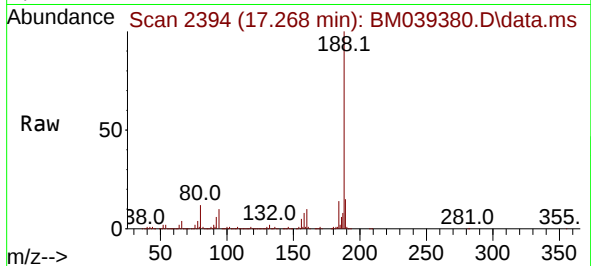




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.268 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM039380.D  
Acq: 10 Apr 2023 16:42

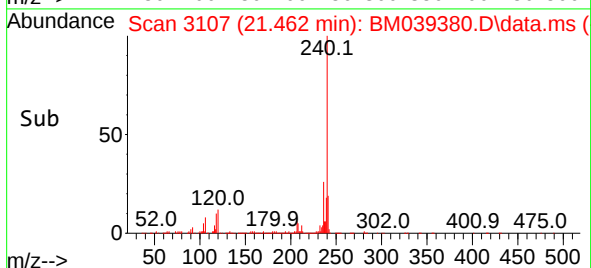
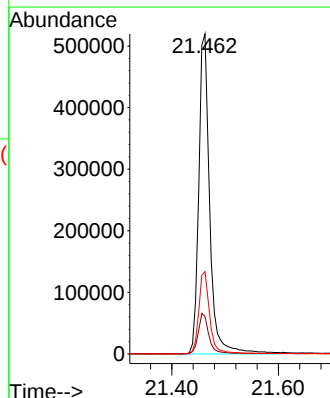
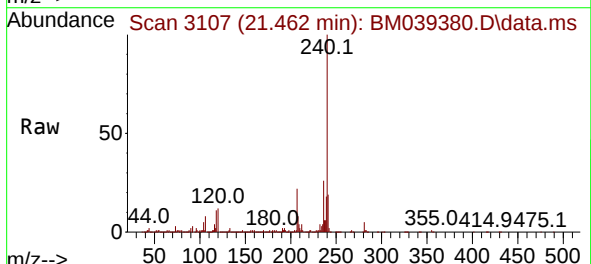
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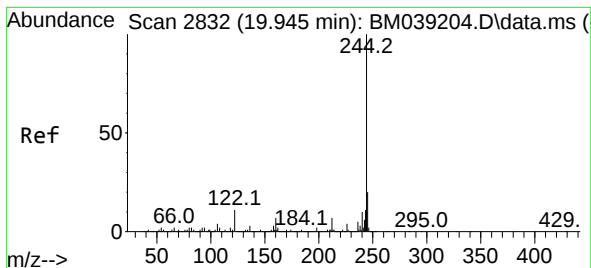
Tgt Ion:188 Resp: 1118149  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.2 12.4  
80 11.6 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.462 min Scan# 3107  
Delta R.T. -0.000 min  
Lab File: BM039380.D  
Acq: 10 Apr 2023 16:42

Tgt Ion:240 Resp: 744876  
Ion Ratio Lower Upper  
240 100  
120 11.7 10.2 15.2  
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 71.510 ng

RT: 19.898 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039380.D

Acq: 10 Apr 2023 16:42

Instrument :

BNA\_M

ClientSampleId :

ETGI-338

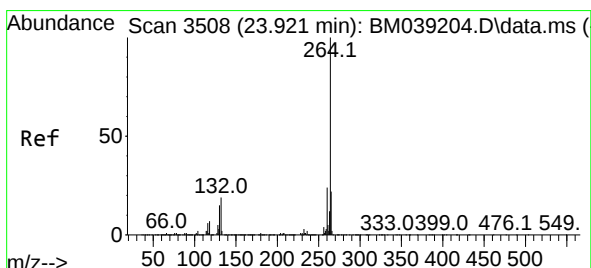
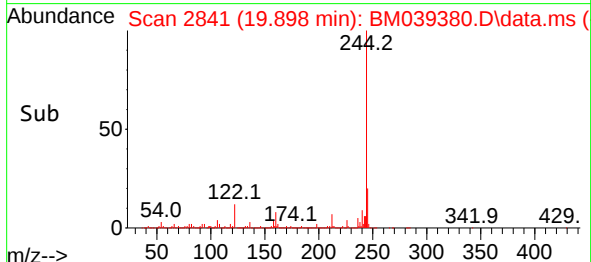
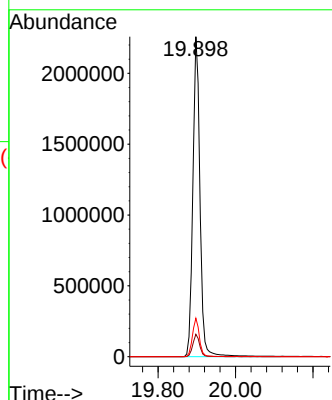
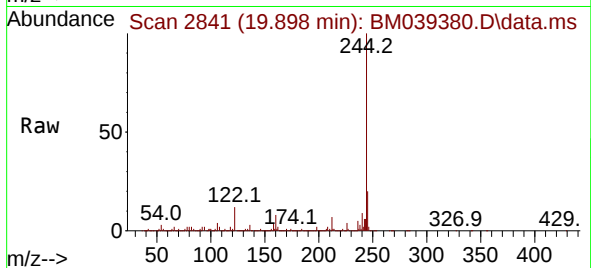
Tgt Ion:244 Resp: 2883048

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.0 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.844 min Scan# 3512

Delta R.T. -0.000 min

Lab File: BM039380.D

Acq: 10 Apr 2023 16:42

Tgt Ion:264 Resp: 770592

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.8 18.1 27.1

