

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032023\  
 Data File : BM039047.D  
 Acq On : 20 Mar 2023 16:37  
 Operator : CG/JU  
 Sample : PB151485BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB151485BL

Quant Time: Mar 21 01:43:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM030823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 05:25:34 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.975  | 152  | 353647   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.786 | 136  | 1466432  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.616 | 164  | 887851   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.357 | 188  | 1944143  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.533 | 240  | 1727135  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.968 | 264  | 1777738  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 3598690  | 154.602 | ng    | 0.00     |
| 7) Phenol-d6                | 7.134  | 99   | 4598050  | 152.079 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.139  | 82   | 2743934  | 91.913  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.098 | 330  | 1515413  | 147.543 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.239 | 172  | 5827535  | 85.445  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.980 | 244  | 9519144  | 100.769 | ng    | 0.00     |

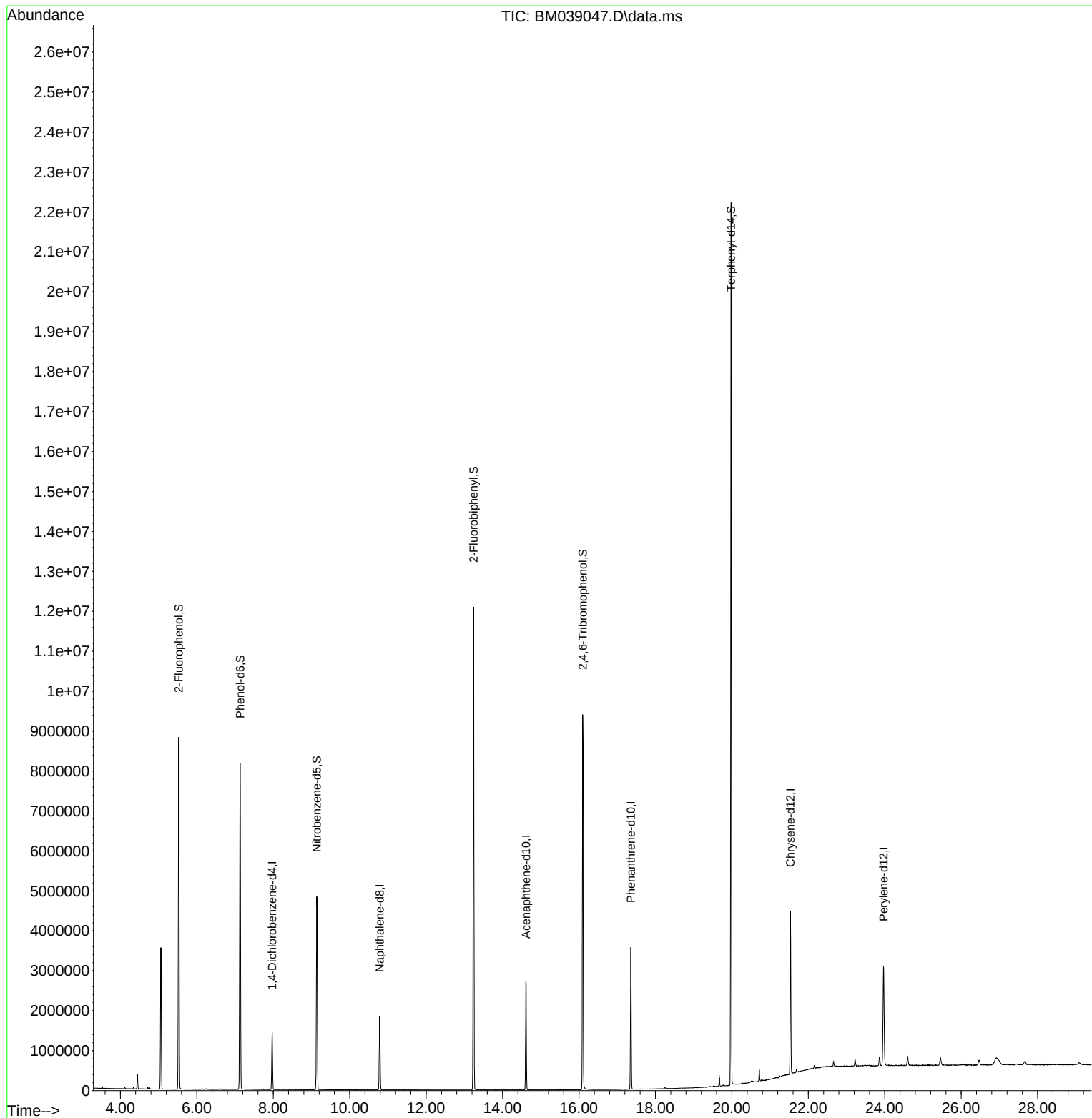
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

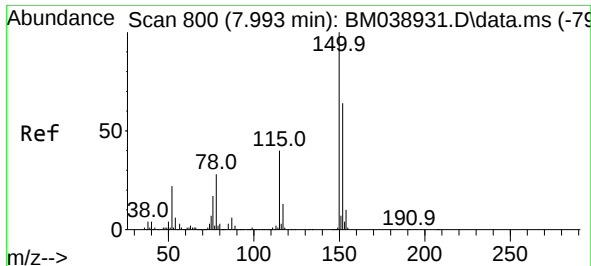
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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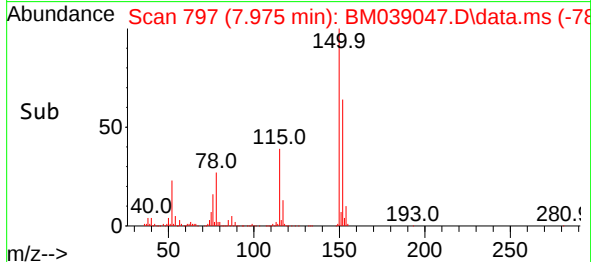
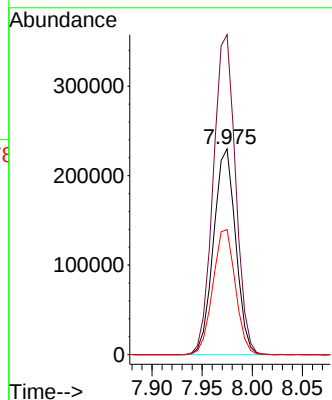
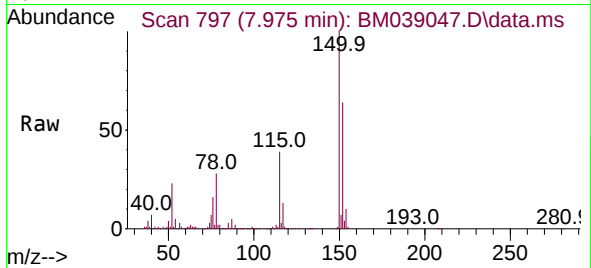




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.975 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: BM039047.D  
 Acq: 20 Mar 2023 16:37

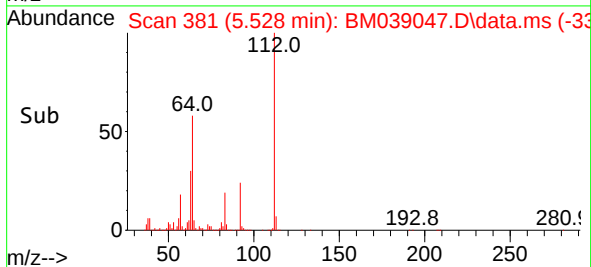
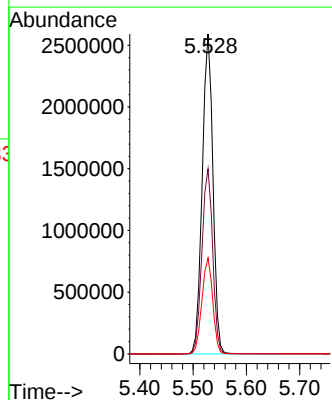
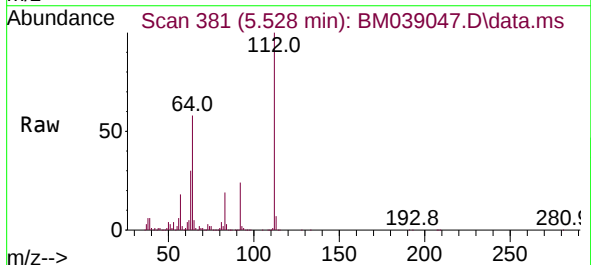
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB151485BL

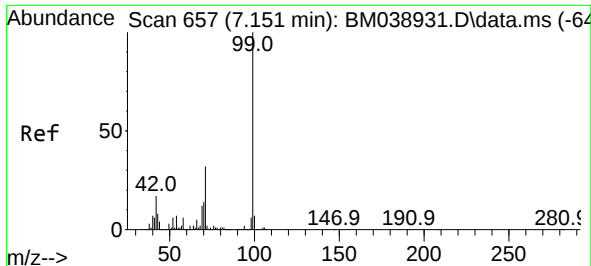
Tgt Ion:152 Resp: 353647  
 Ion Ratio Lower Upper  
 152 100  
 150 155.6 125.1 187.7  
 115 60.8 49.6 74.4



#5  
 2-Fluorophenol  
 Concen: 154.602 ng  
 RT: 5.528 min Scan# 381  
 Delta R.T. 0.000 min  
 Lab File: BM039047.D  
 Acq: 20 Mar 2023 16:37

Tgt Ion:112 Resp: 3598690  
 Ion Ratio Lower Upper  
 112 100  
 64 57.8 45.9 68.9  
 63 30.0 23.8 35.8

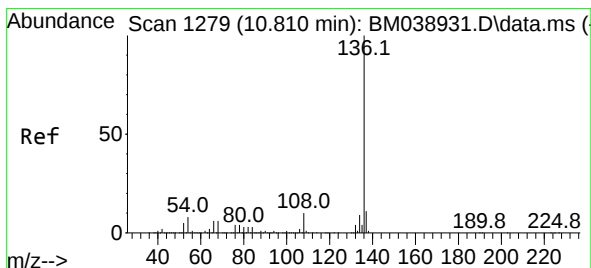
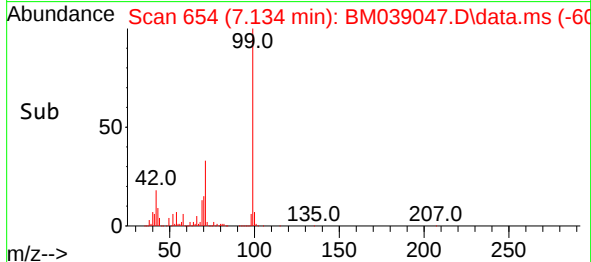
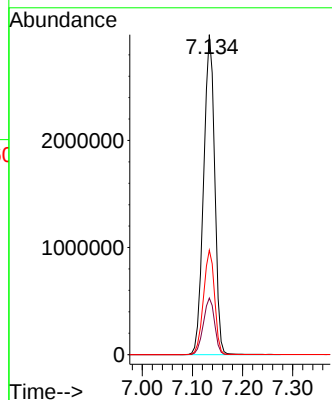
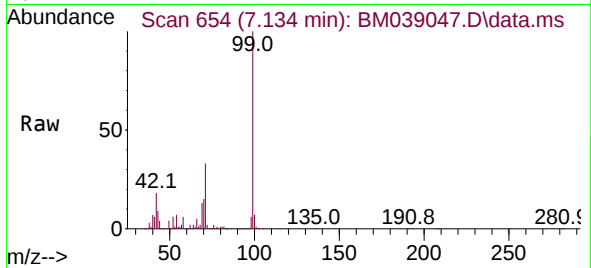




#7  
Phenol-d6  
Concen: 152.079 ng  
RT: 7.134 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM039047.D  
Acq: 20 Mar 2023 16:37

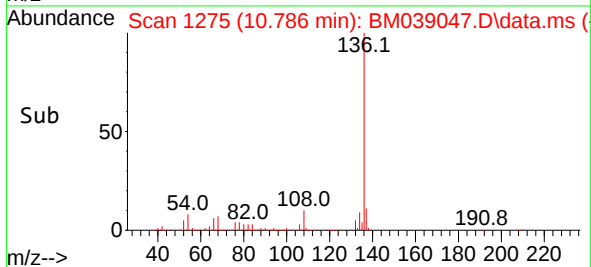
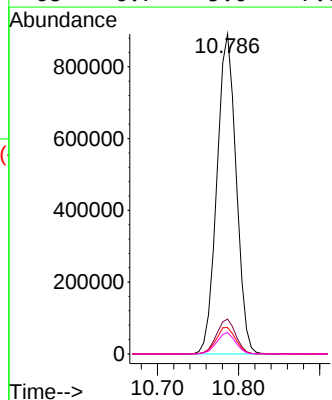
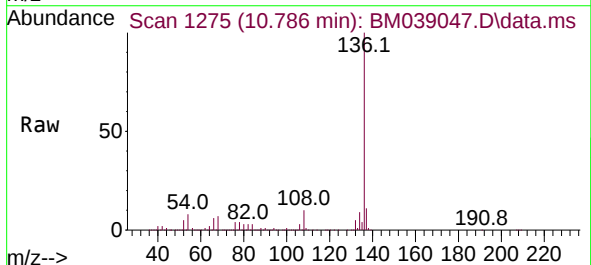
Instrument :  
BNA\_M  
ClientSampleId :  
PB151485BL

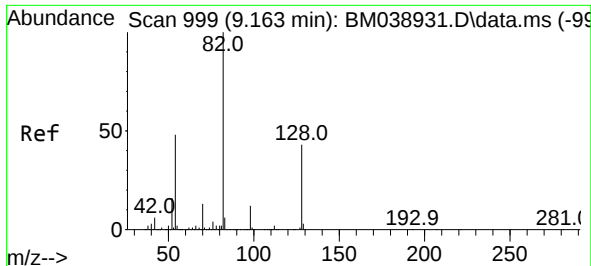
Tgt Ion: 99 Resp: 4598050  
Ion Ratio Lower Upper  
99 100  
42 17.7 13.5 20.3  
71 32.6 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.786 min Scan# 1275  
Delta R.T. -0.006 min  
Lab File: BM039047.D  
Acq: 20 Mar 2023 16:37

Tgt Ion: 136 Resp: 1466432  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 8.2 6.3 9.5  
68 6.7 5.0 7.6

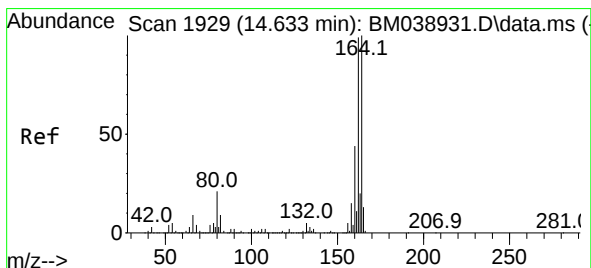
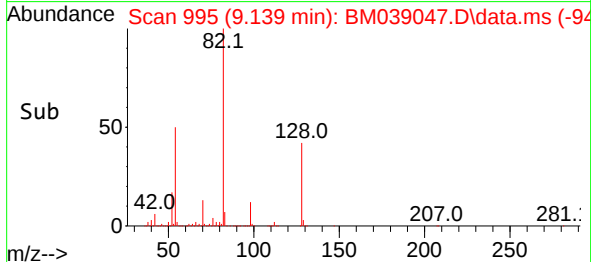
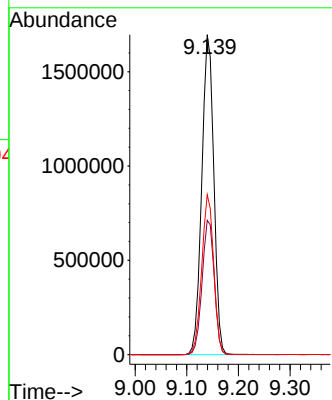
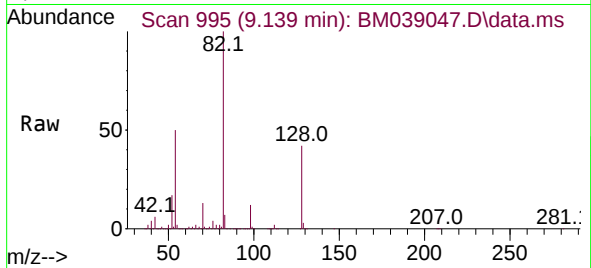




#23  
Nitrobenzene-d5  
Concen: 91.913 ng  
RT: 9.139 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: BM039047.D  
Acq: 20 Mar 2023 16:37

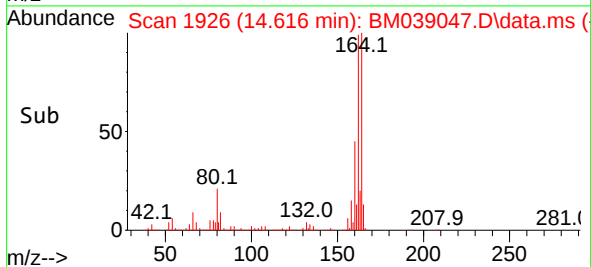
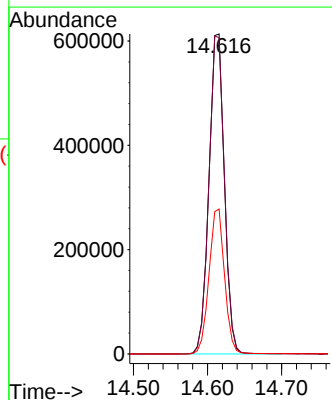
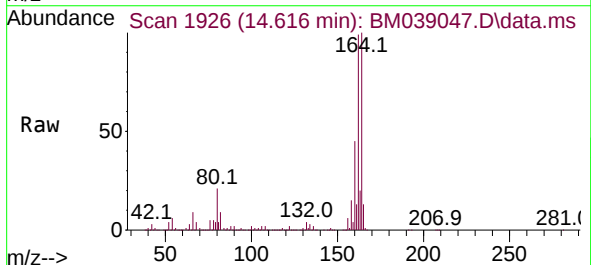
Instrument :  
BNA\_M  
ClientSampleId :  
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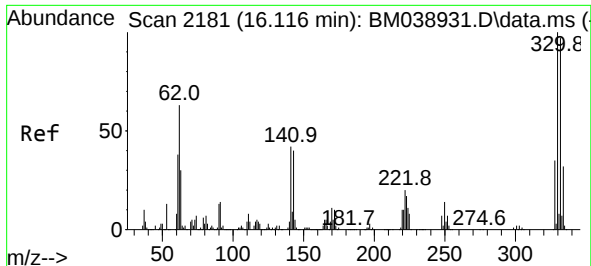
Tgt Ion: 82 Resp: 2743934  
Ion Ratio Lower Upper  
82 100  
128 42.0 34.4 51.6  
54 50.0 38.8 58.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.616 min Scan# 1926  
Delta R.T. 0.000 min  
Lab File: BM039047.D  
Acq: 20 Mar 2023 16:37

Tgt Ion: 164 Resp: 887851  
Ion Ratio Lower Upper  
164 100  
162 98.8 79.2 118.8  
160 45.3 35.5 53.3

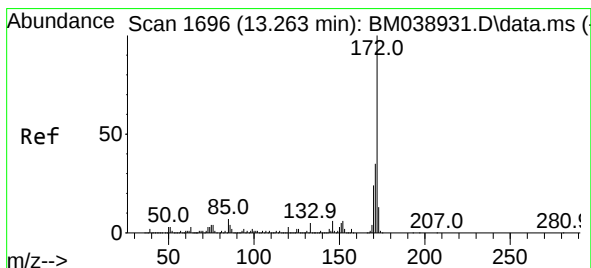
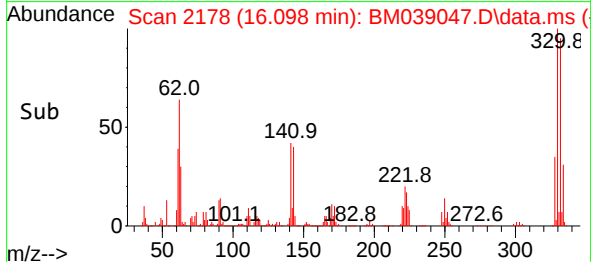
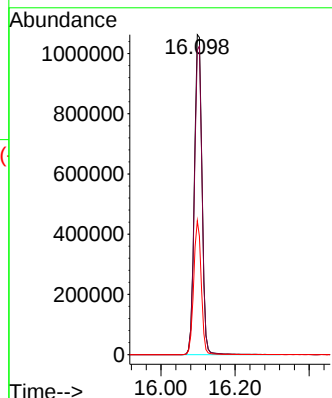
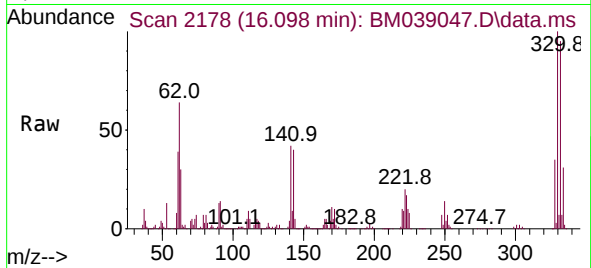




#42  
2,4,6-Tribromophenol  
Concen: 147.543 ng  
RT: 16.098 min Scan# 2181  
Delta R.T. -0.006 min  
Lab File: BM039047.D  
Acq: 20 Mar 2023 16:37

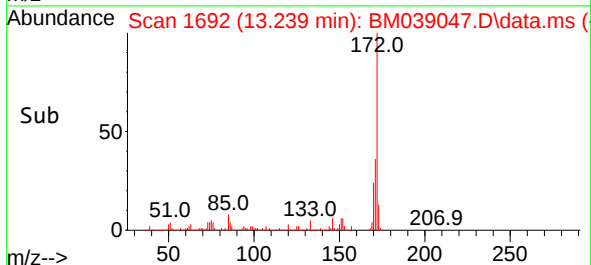
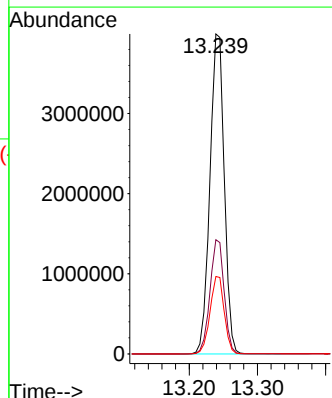
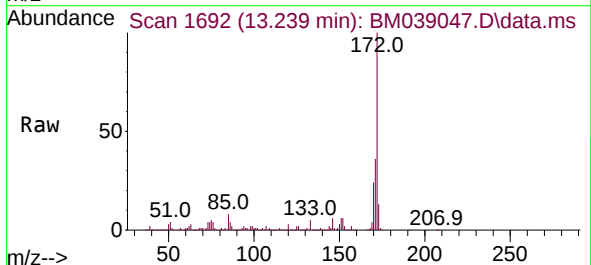
Instrument :  
BNA\_M  
ClientSampleId :  
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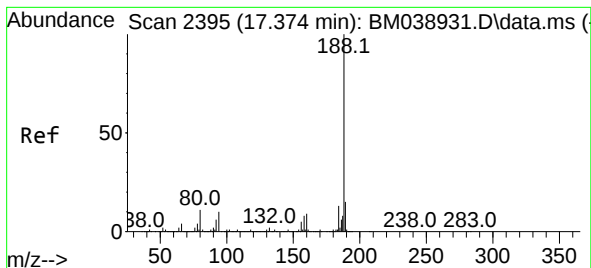
Tgt Ion:330 Resp: 1515413  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.4 116.0  
141 41.5 32.2 48.4



#45  
2-Fluorobiphenyl  
Concen: 85.445 ng  
RT: 13.239 min Scan# 1692  
Delta R.T. -0.006 min  
Lab File: BM039047.D  
Acq: 20 Mar 2023 16:37

Tgt Ion:172 Resp: 5827535  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.2 42.2  
170 24.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2392

Delta R.T. -0.006 min

Lab File: BM039047.D

Acq: 20 Mar 2023 16:37

Instrument :

BNA\_M

ClientSampleId :

PB151485BL

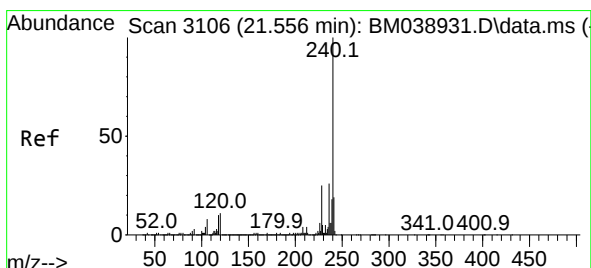
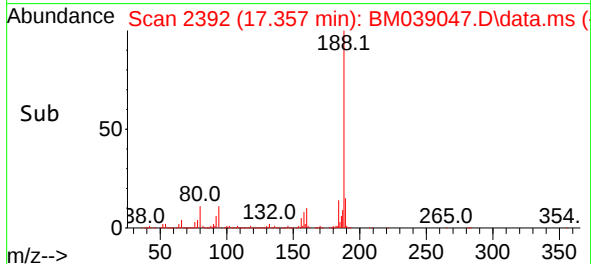
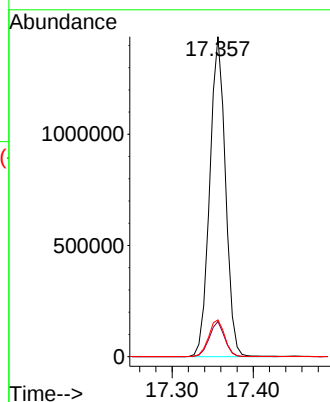
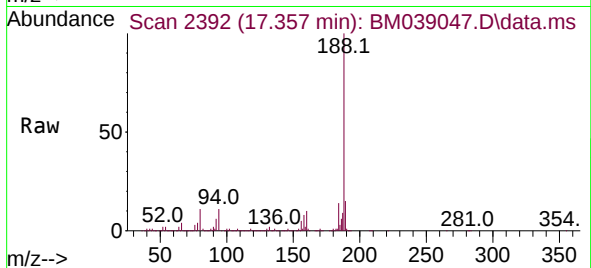
Tgt Ion:188 Resp: 1944143

Ion Ratio Lower Upper

188 100

94 11.0 7.9 11.9

80 11.5 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM039047.D

Acq: 20 Mar 2023 16:37

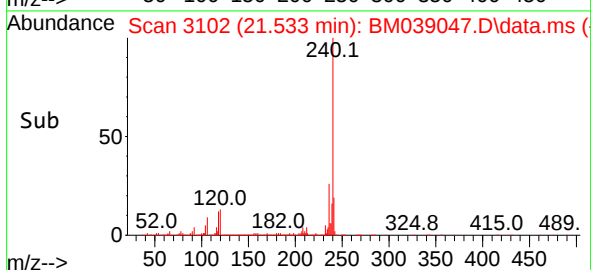
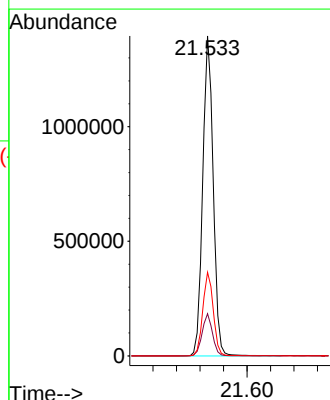
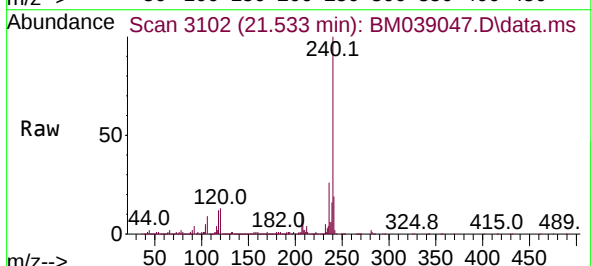
Tgt Ion:240 Resp: 1727135

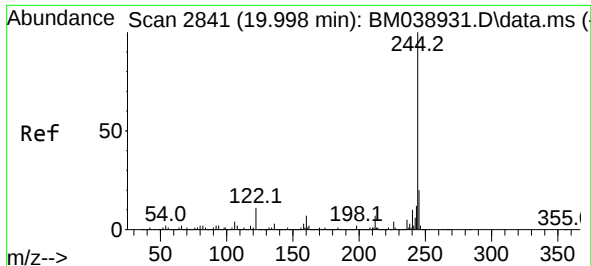
Ion Ratio Lower Upper

240 100

120 13.2 9.2 13.8

236 26.1 20.8 31.2

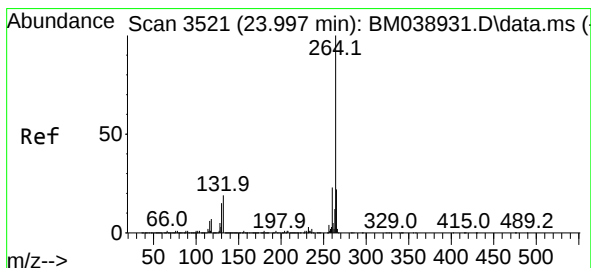
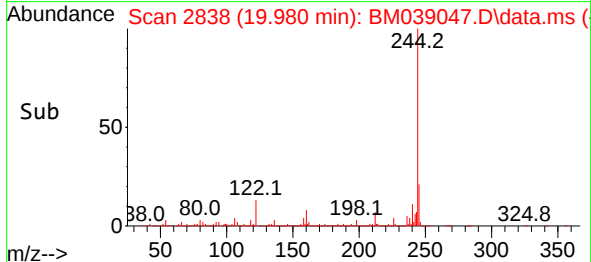
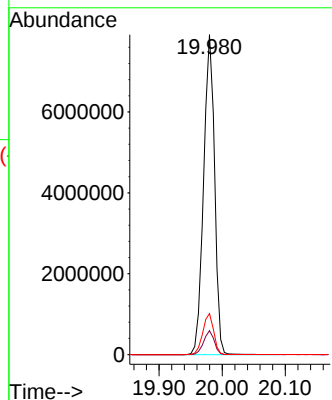
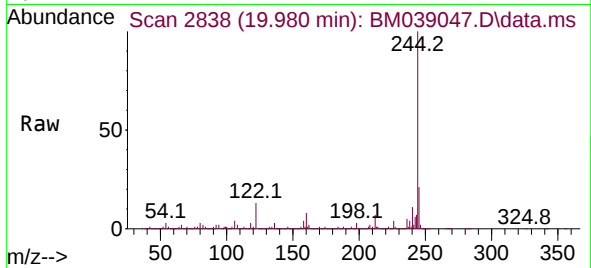




#79  
 Terphenyl-d14  
 Concen: 100.769 ng  
 RT: 19.980 min Scan# 2841  
 Delta R.T. 0.000 min  
 Lab File: BM039047.D  
 Acq: 20 Mar 2023 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB151485BL

Tgt Ion:244 Resp: 9519144  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.5 8.3  
 122 12.8 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.968 min Scan# 3516  
 Delta R.T. -0.012 min  
 Lab File: BM039047.D  
 Acq: 20 Mar 2023 16:37

Tgt Ion:264 Resp: 1777738  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.7 28.1  
 265 22.1 17.9 26.9

