

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041323\  
 Data File : BM039412.D  
 Acq On : 13 Apr 2023 15:37  
 Operator : CG/JU  
 Sample : PB152103BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB152103BL

Quant Time: Apr 13 16:09:33 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 16:05:42 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 250426   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.675 | 136  | 962821   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.516 | 164  | 524559   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.268 | 188  | 967648   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.456 | 240  | 729557   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.844 | 264  | 774497   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 2350394  | 141.403 | ng    | 0.02     |
| 7) Phenol-d6                | 7.069  | 99   | 2905649  | 135.152 | ng    | 0.04     |
| 23) Nitrobenzene-d5         | 9.034  | 82   | 1728222  | 87.239  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.016 | 330  | 759386   | 114.043 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.139 | 172  | 3452174  | 89.168  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.898 | 244  | 3848092  | 97.450  | ng    | 0.00     |

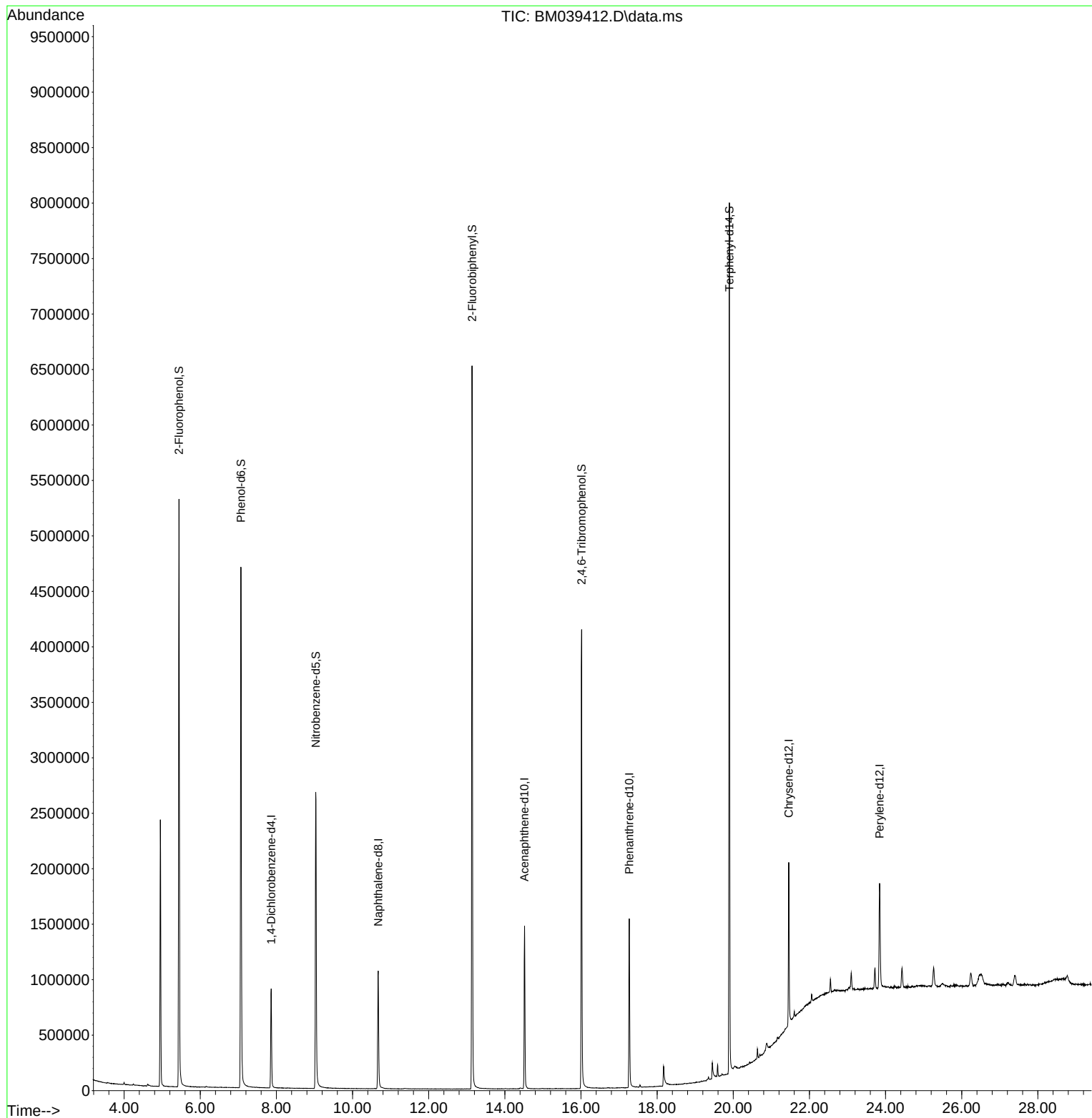
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

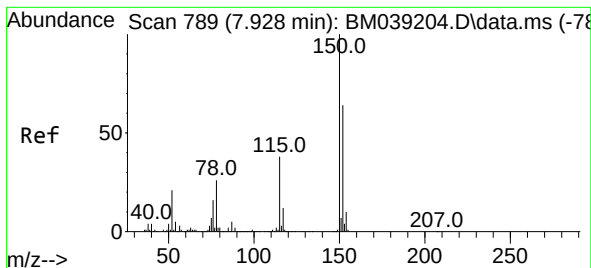
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.863 min Scan# 795

Delta R.T. 0.000 min

Lab File: BM039412.D

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PB152103BL

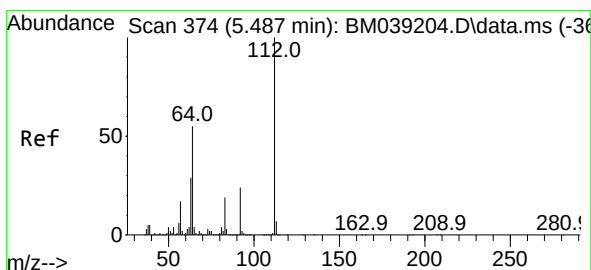
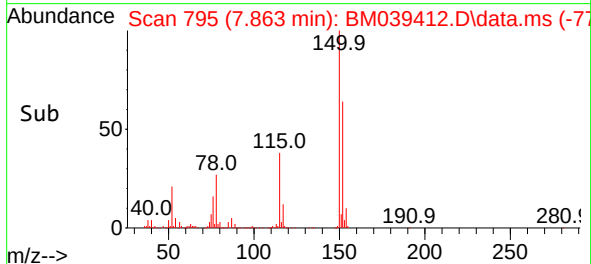
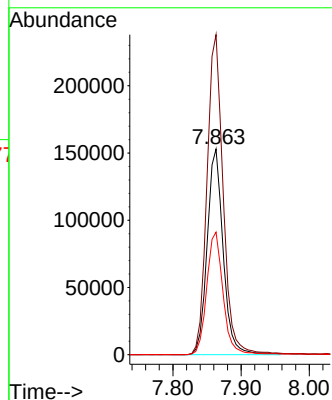
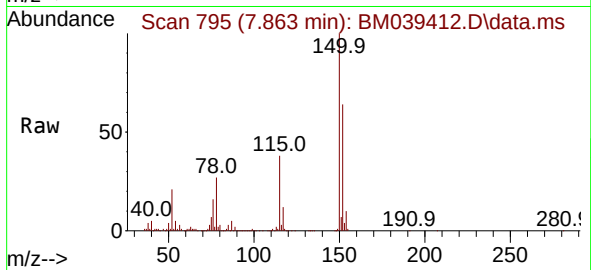
Tgt Ion:152 Resp: 250426

Ion Ratio Lower Upper

152 100

150 155.6 125.5 188.3

115 59.6 48.1 72.1



#5

2-Fluorophenol

Concen: 141.403 ng

RT: 5.440 min Scan# 383

Delta R.T. 0.018 min

Lab File: BM039412.D

Acq: 13 Apr 2023 15:37

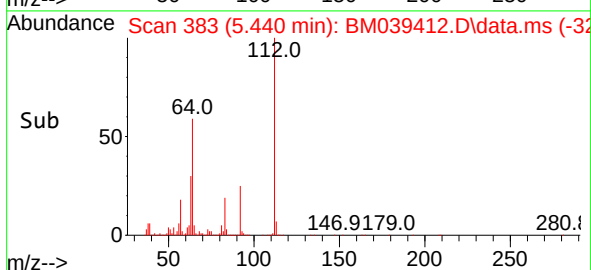
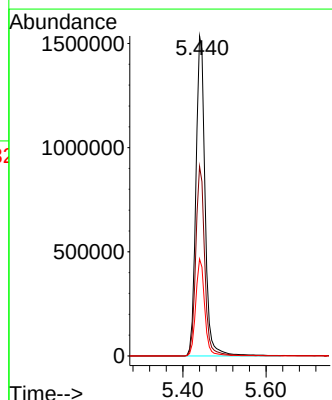
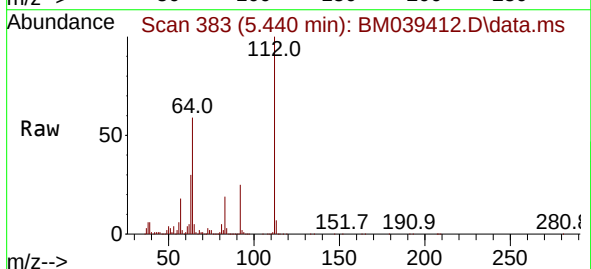
Tgt Ion:112 Resp: 2350394

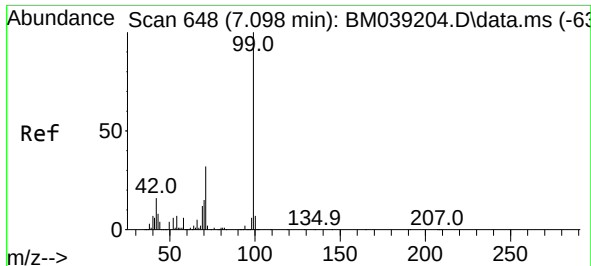
Ion Ratio Lower Upper

112 100

64 59.3 44.3 66.5

63 30.3 23.0 34.6

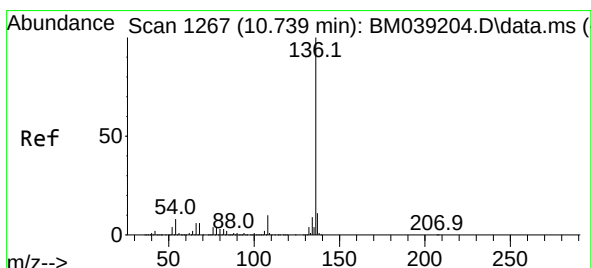
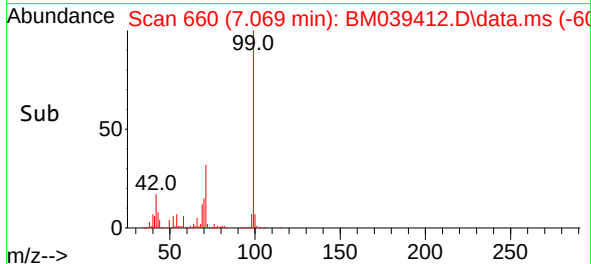
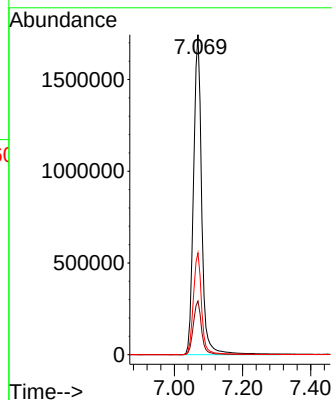
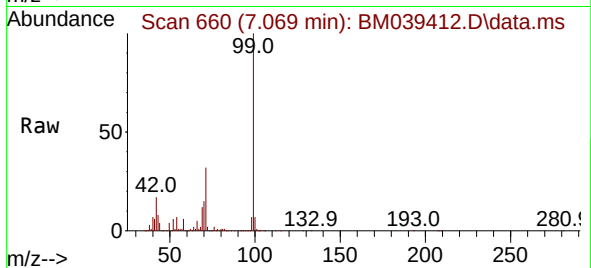




#7  
Phenol-d6  
Concen: 135.152 ng  
RT: 7.069 min Scan# 60  
Delta R.T. 0.035 min  
Lab File: BM039412.D  
Acq: 13 Apr 2023 15:37

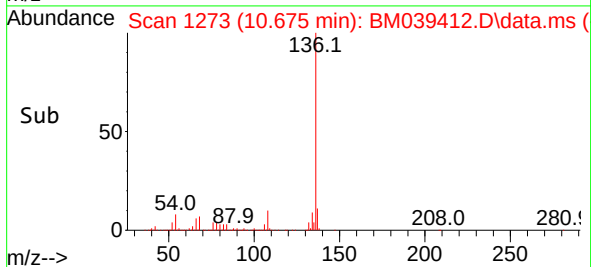
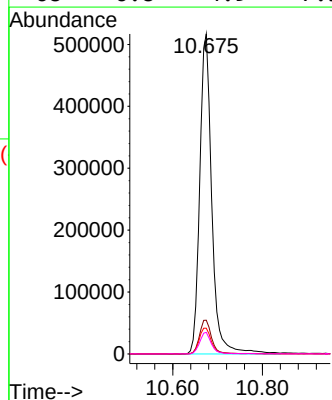
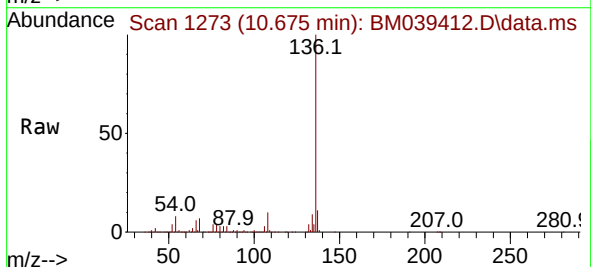
Instrument :  
BNA\_M  
ClientSampleId :  
PB152103BL

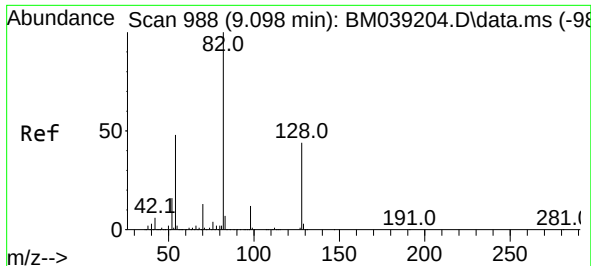
Tgt Ion: 99 Resp: 2905649  
Ion Ratio Lower Upper  
99 100  
42 16.8 13.0 19.6  
71 31.8 25.5 38.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.675 min Scan# 1273  
Delta R.T. 0.000 min  
Lab File: BM039412.D  
Acq: 13 Apr 2023 15:37

Tgt Ion: 136 Resp: 962821  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.9 13.3  
54 8.0 6.2 9.4  
68 6.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 87.239 ng

RT: 9.034 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039412.D

Acq: 13 Apr 2023 15:37

Instrument :

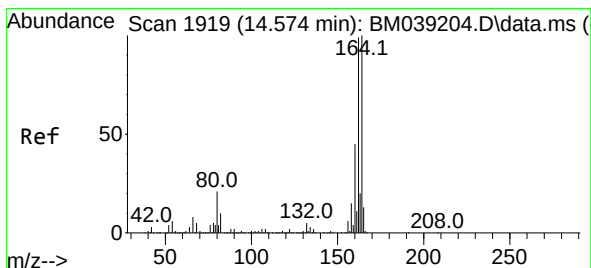
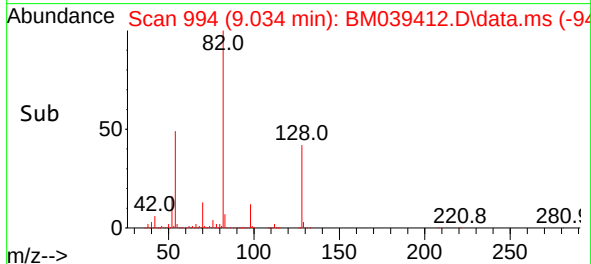
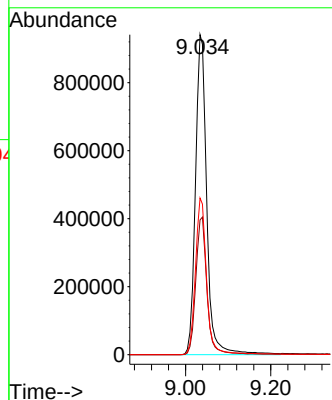
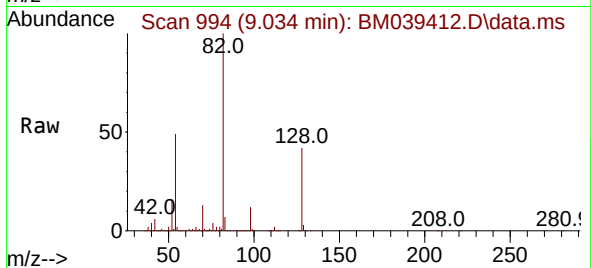
BNA\_M

ClientSampleId :

PB152103BL

Tgt Ion: 82 Resp: 1728222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.1  | 35.1  | 52.7  |
| 54  | 48.9  | 38.5  | 57.7  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.516 min Scan# 1926

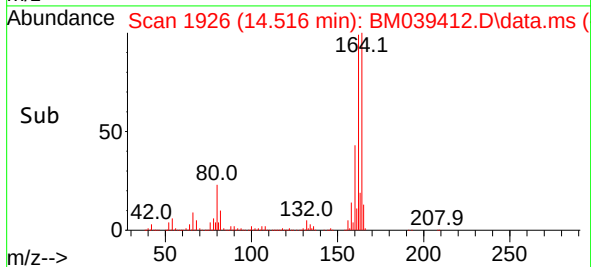
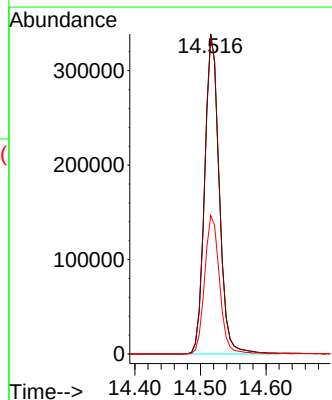
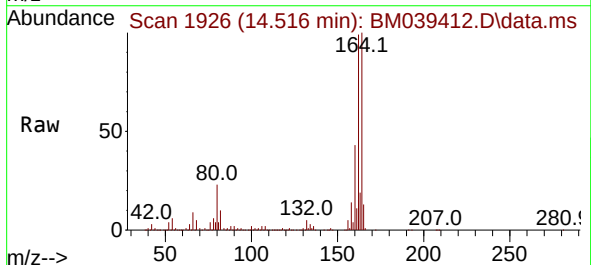
Delta R.T. 0.000 min

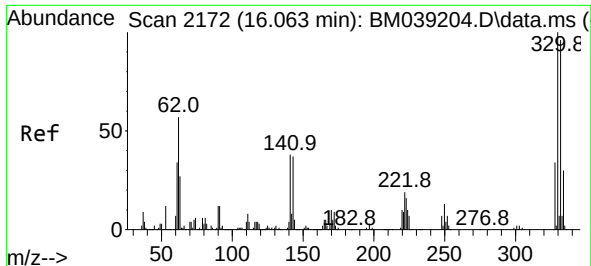
Lab File: BM039412.D

Acq: 13 Apr 2023 15:37

Tgt Ion: 164 Resp: 524559

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.4  | 79.1  | 118.7 |
| 160 | 43.2  | 35.8  | 53.8  |

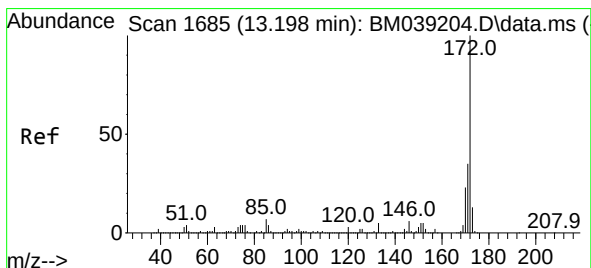
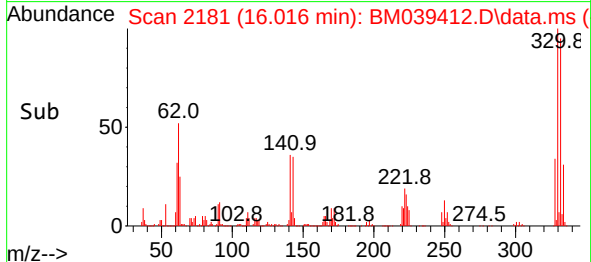
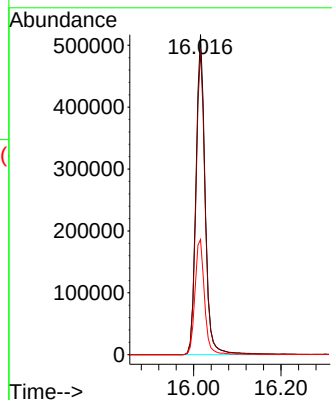
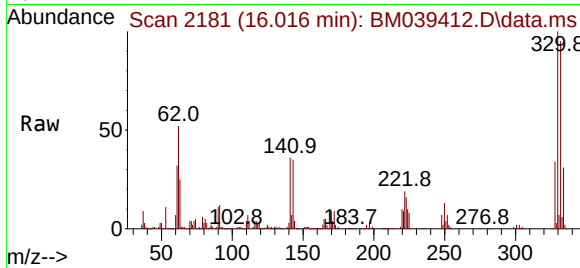




#42  
2,4,6-Tribromophenol  
Concen: 114.043 ng  
RT: 16.016 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BM039412.D  
Acq: 13 Apr 2023 15:37

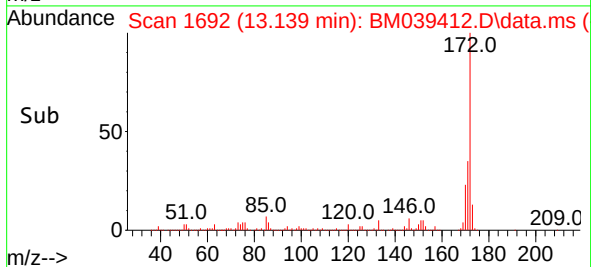
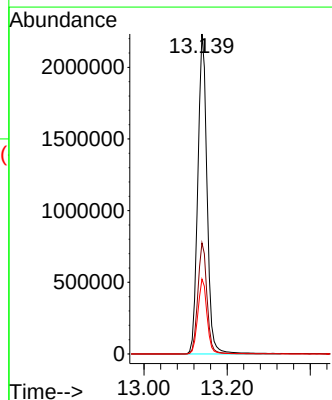
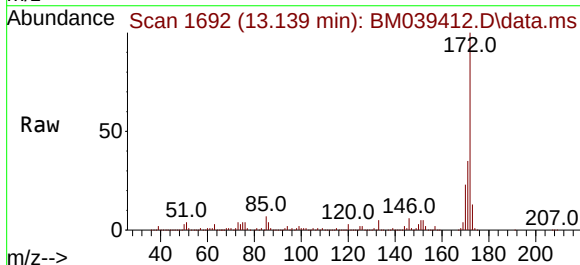
Instrument :  
BNA\_M  
ClientSampleId :  
PB152103BL

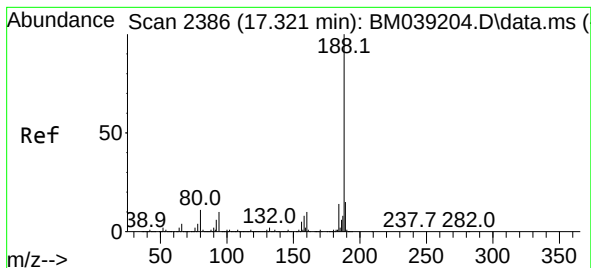
Tgt Ion:330 Resp: 759386  
Ion Ratio Lower Upper  
330 100  
332 95.2 77.4 116.0  
141 37.5 29.8 44.6



#45  
2-Fluorobiphenyl  
Concen: 89.168 ng  
RT: 13.139 min Scan# 1692  
Delta R.T. 0.000 min  
Lab File: BM039412.D  
Acq: 13 Apr 2023 15:37

Tgt Ion:172 Resp: 3452174  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.0 42.0  
170 23.4 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: BM039412.D

Acq: 13 Apr 2023 15:37

Instrument :

BNA\_M

ClientSampleId :

PB152103BL

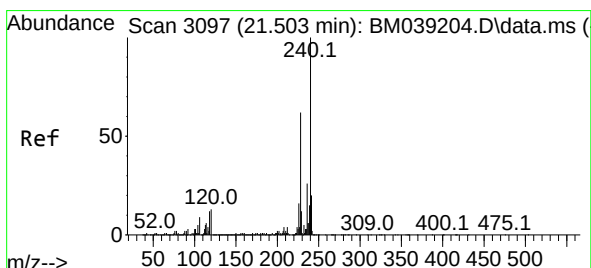
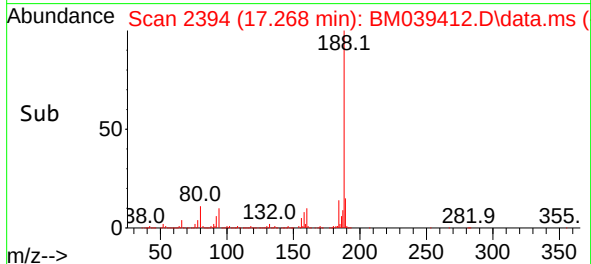
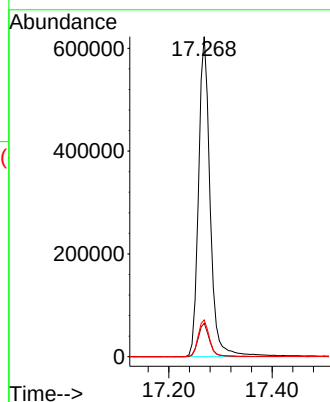
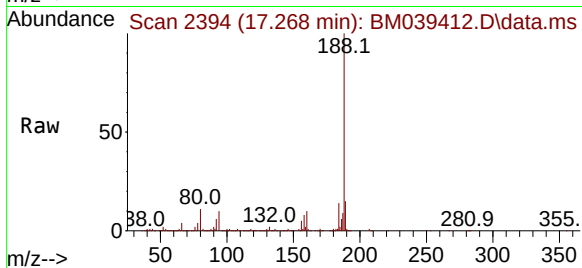
Tgt Ion:188 Resp: 967648

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.4

80 11.5 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039412.D

Acq: 13 Apr 2023 15:37

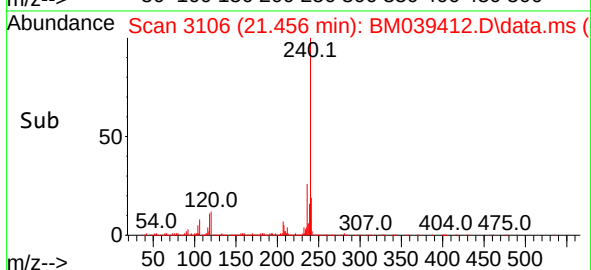
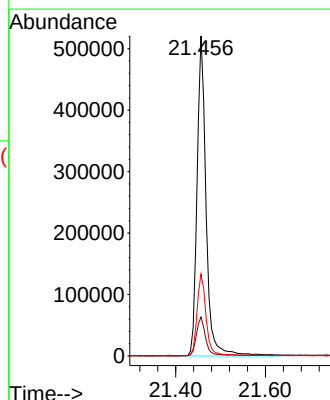
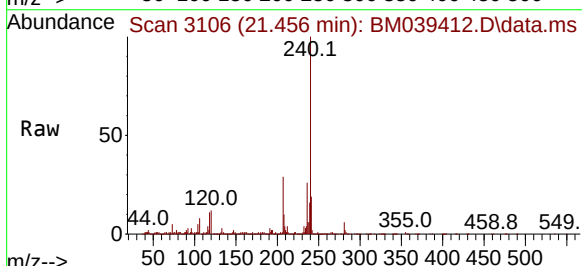
Tgt Ion:240 Resp: 729557

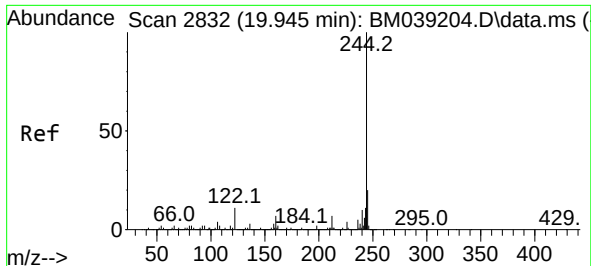
Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.2

236 25.6 20.9 31.3

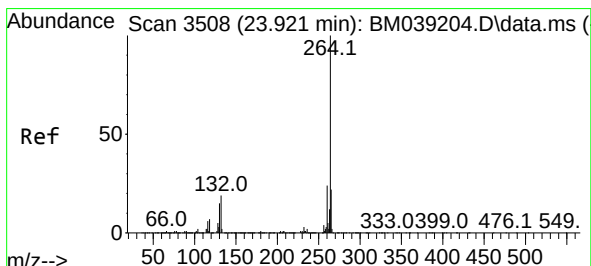
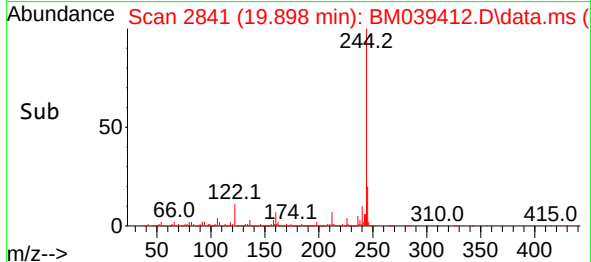
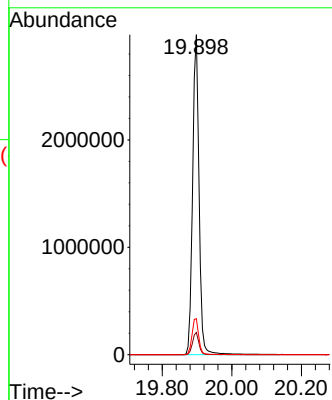
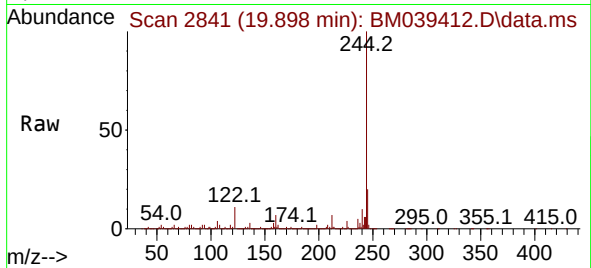




#79  
 Terphenyl-d14  
 Concen: 97.450 ng  
 RT: 19.898 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM039412.D  
 Acq: 13 Apr 2023 15:37

Instrument :  
 BNA\_M  
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 PB152103BL

Tgt Ion:244 Resp: 3848092  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 11.2 9.1 13.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.844 min Scan# 3512  
 Delta R.T. -0.006 min  
 Lab File: BM039412.D  
 Acq: 13 Apr 2023 15:37

Tgt Ion:264 Resp: 774497  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.0 28.6  
 265 23.0 18.1 27.1

