

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021424\  
 Data File : BM044084.D  
 Acq On : 14 Feb 2024 16:00  
 Operator : MA/JU  
 Sample : P1367-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EB-7-5-7D

Quant Time: Feb 14 16:34:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 09 02:42:01 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.904  | 152  | 455914   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 1794732  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.545 | 164  | 992793   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.298 | 188  | 1952123  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.497 | 240  | 1328621  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.891 | 264  | 1400570  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 4035526  | 128.739 | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 4602826  | 115.406 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.075  | 82   | 3069483  | 90.753  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.039 | 330  | 1355627  | 126.114 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.174 | 172  | 6032482  | 85.756  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.939 | 244  | 6909313  | 91.164  | ng    | 0.00     |

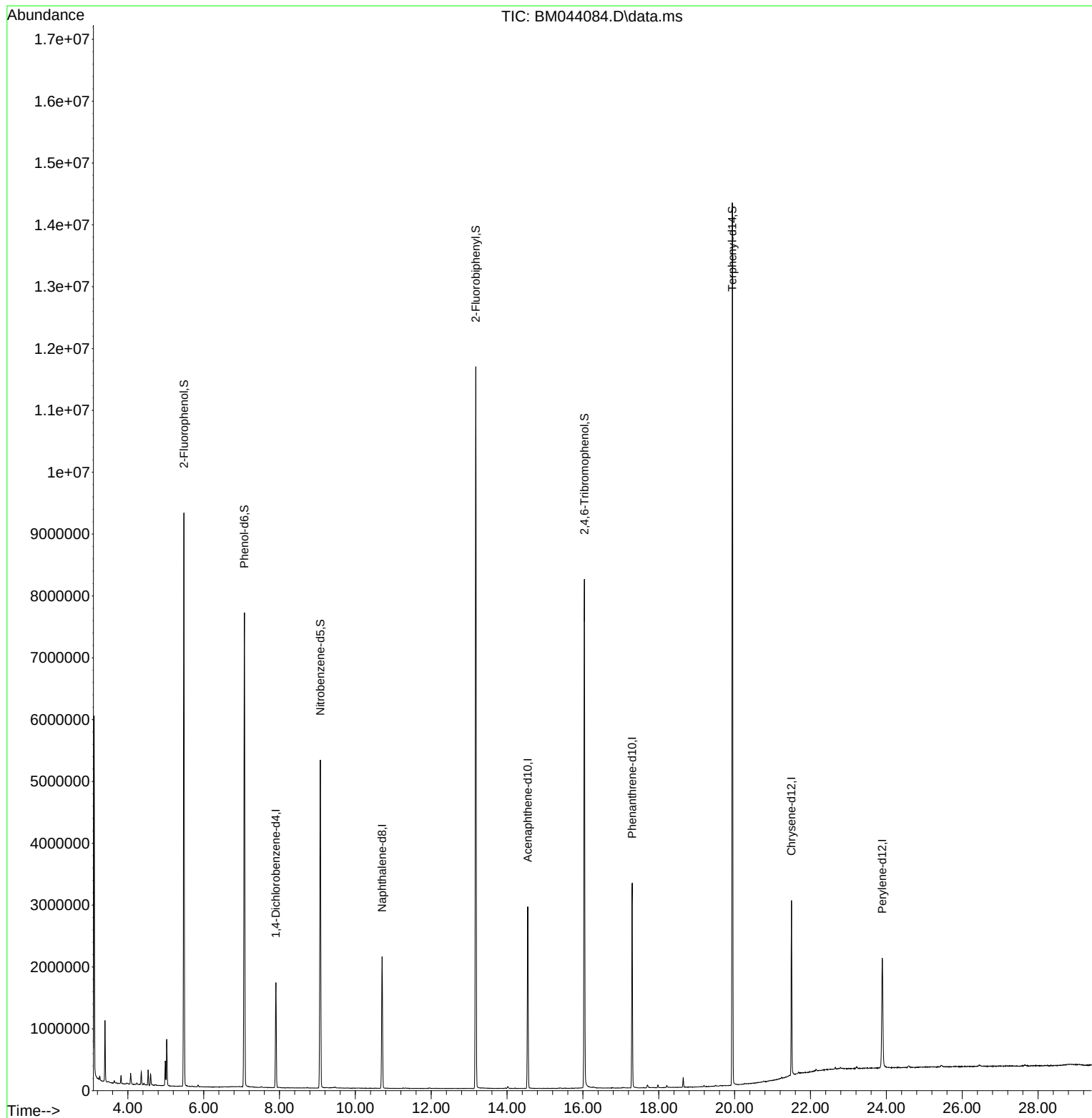
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

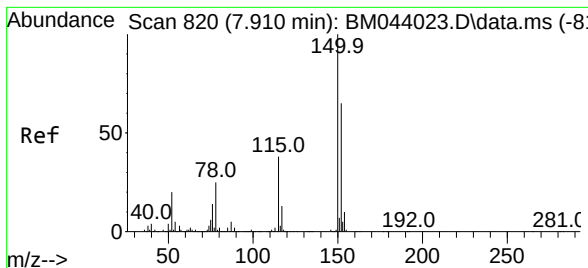
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021424\  
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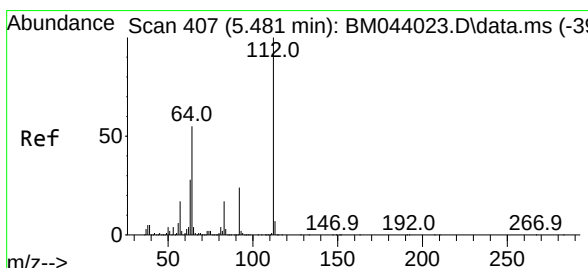
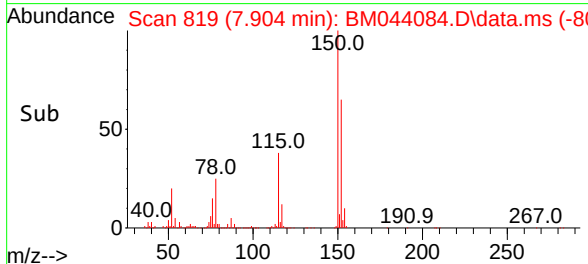
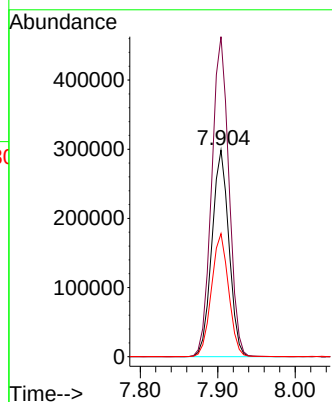
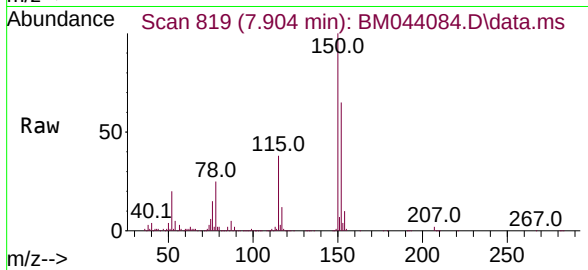




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.904 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BM044084.D  
 Acq: 14 Feb 2024 16:00

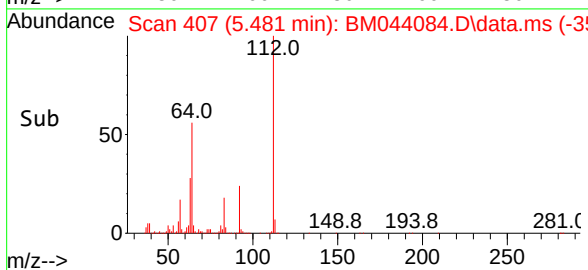
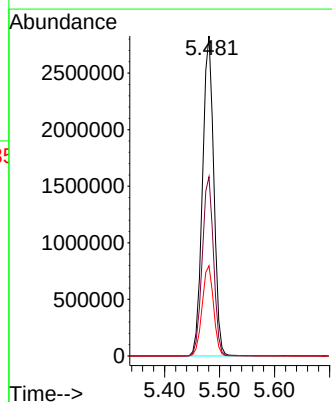
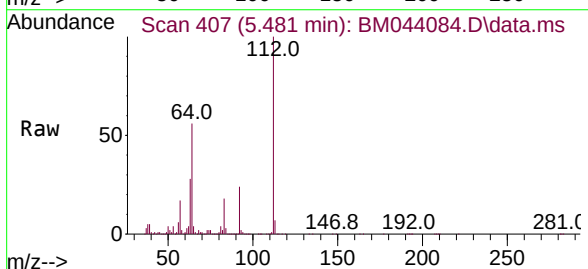
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EB-7-5-7D

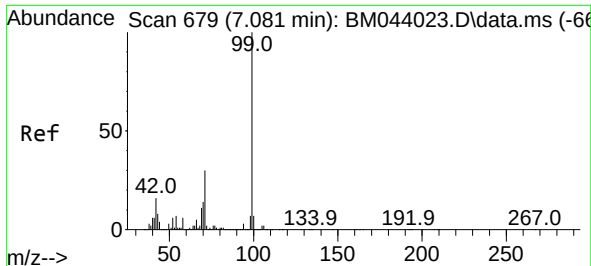
Tgt Ion:152 Resp: 455914  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 122.7 184.1  
 115 59.6 47.0 70.6



#5  
 2-Fluorophenol  
 Concen: 128.739 ng  
 RT: 5.481 min Scan# 407  
 Delta R.T. -0.000 min  
 Lab File: BM044084.D  
 Acq: 14 Feb 2024 16:00

Tgt Ion:112 Resp: 4035526  
 Ion Ratio Lower Upper  
 112 100  
 64 56.0 44.2 66.4  
 63 28.2 22.6 34.0



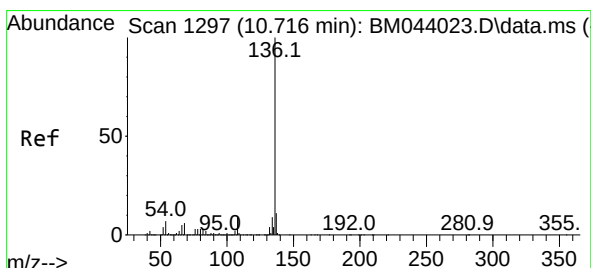
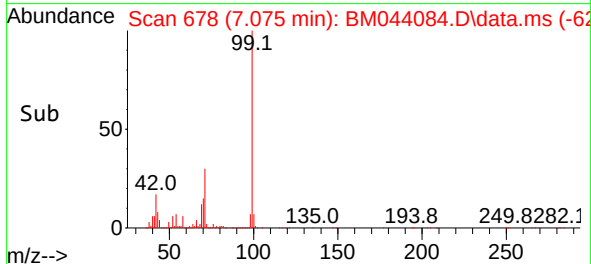
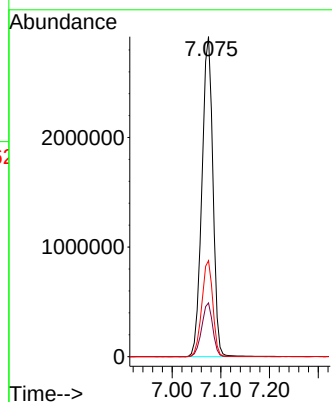
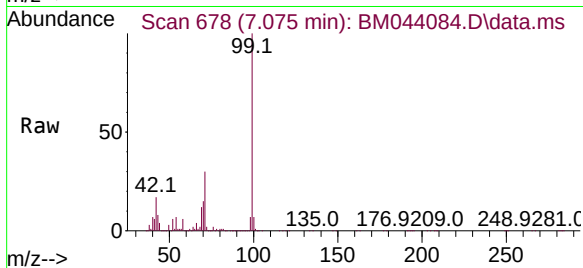


#7  
Phenol-d6  
Concen: 115.406 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM044084.D  
Acq: 14 Feb 2024 16:00

Instrument :  
BNA\_M  
ClientSampleId :  
EB-7-5-7D

Tgt Ion: 99 Resp: 4602826

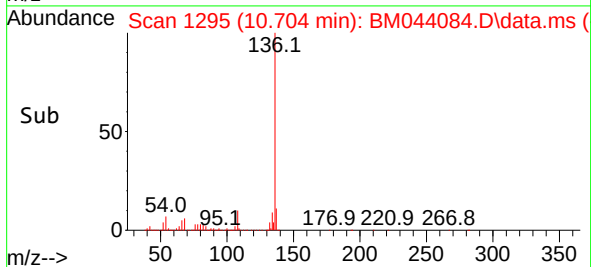
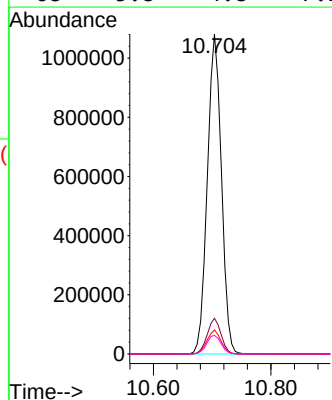
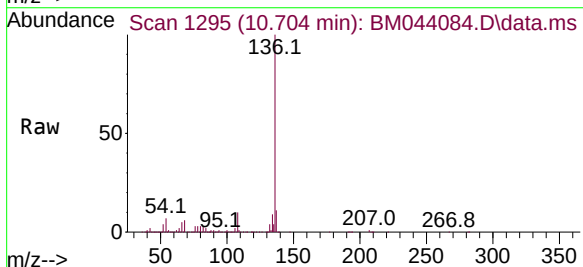
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.8  | 12.9  | 19.3  |
| 71  | 30.0  | 23.9  | 35.9  |

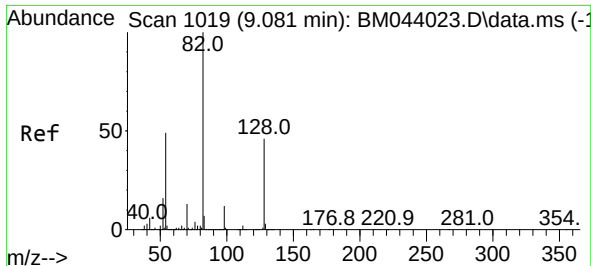


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.012 min  
Lab File: BM044084.D  
Acq: 14 Feb 2024 16:00

Tgt Ion: 136 Resp: 1794732

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.9   | 13.3  |
| 54  | 7.5   | 5.9   | 8.9   |
| 68  | 5.8   | 4.8   | 7.2   |

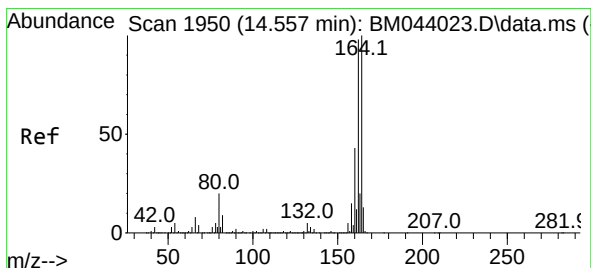
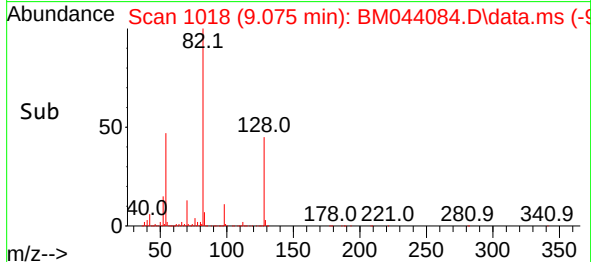
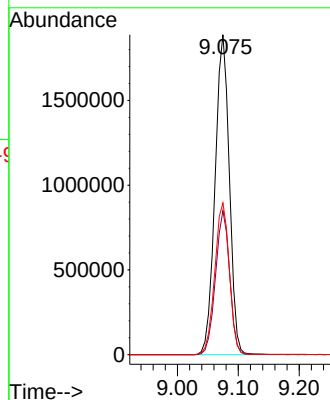
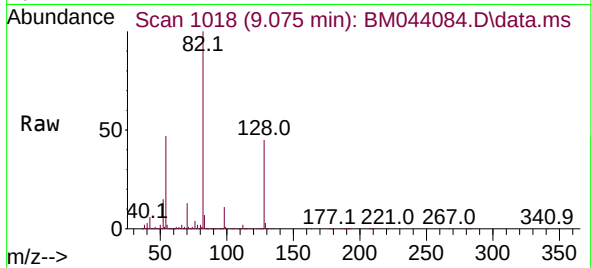




#23  
Nitrobenzene-d5  
Concen: 90.753 ng  
RT: 9.075 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BM044084.D  
Acq: 14 Feb 2024 16:00

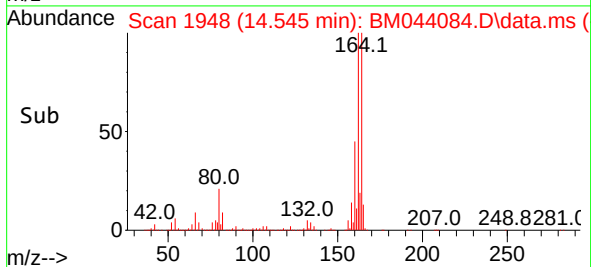
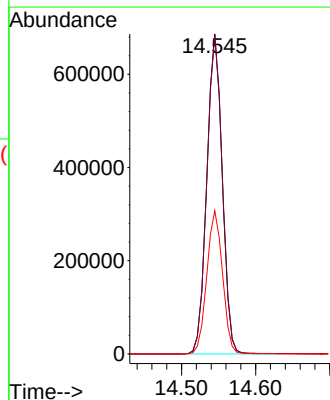
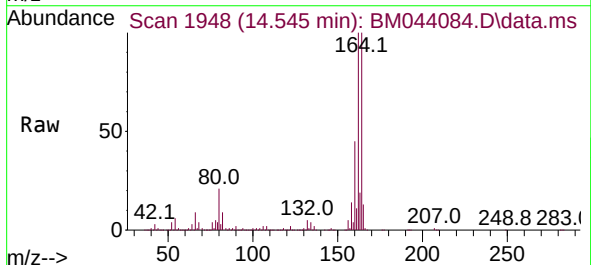
Instrument :  
BNA\_M  
ClientSampleId :  
EB-7-5-7D

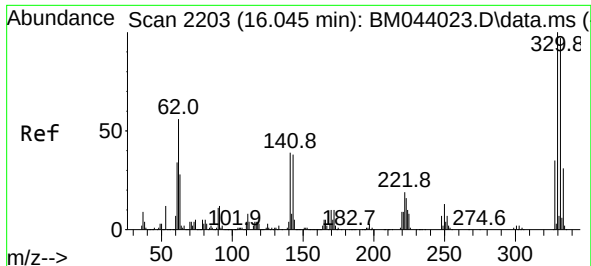
Tgt Ion: 82 Resp: 3069483  
Ion Ratio Lower Upper  
82 100  
128 45.0 37.1 55.7  
54 47.5 38.9 58.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.545 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BM044084.D  
Acq: 14 Feb 2024 16:00

Tgt Ion:164 Resp: 992793  
Ion Ratio Lower Upper  
164 100  
162 99.7 78.4 117.6  
160 44.8 34.6 51.8

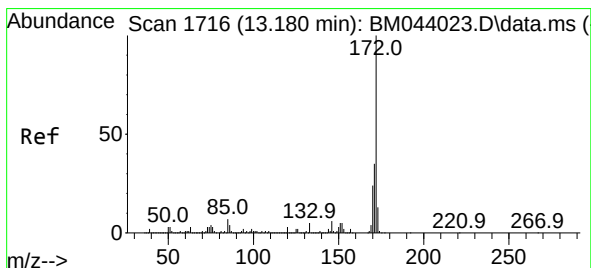
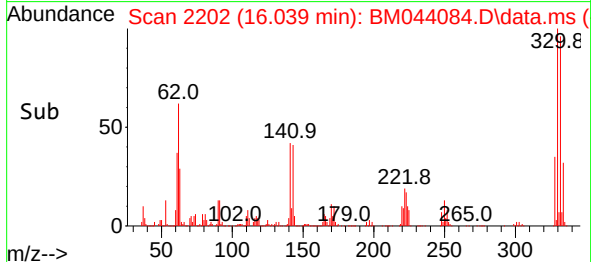
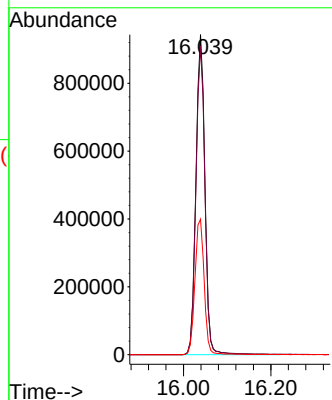
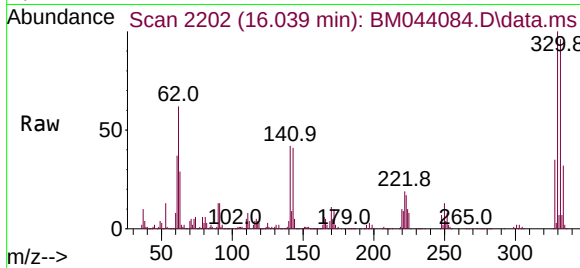




#42  
2,4,6-Tribromophenol  
Concen: 126.114 ng  
RT: 16.039 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM044084.D  
Acq: 14 Feb 2024 16:00

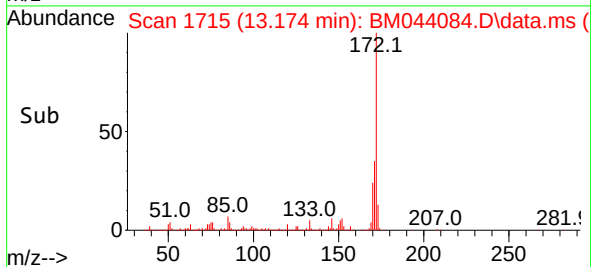
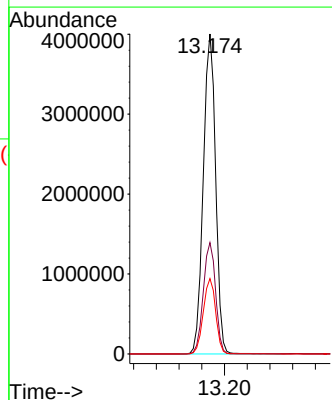
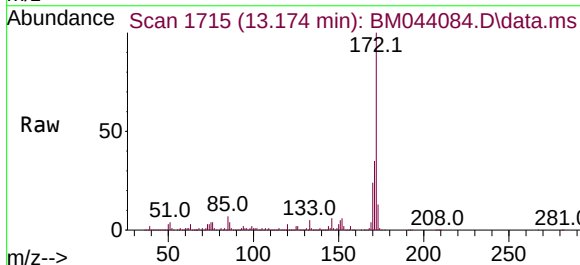
Instrument :  
BNA\_M  
ClientSampleId :  
EB-7-5-7D

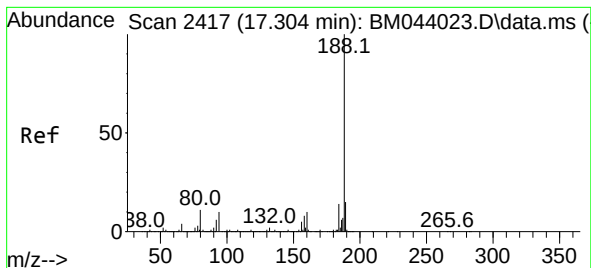
Tgt Ion:330 Resp: 1355627  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.7 116.5  
141 43.5 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 85.756 ng  
RT: 13.174 min Scan# 1715  
Delta R.T. -0.006 min  
Lab File: BM044084.D  
Acq: 14 Feb 2024 16:00

Tgt Ion:172 Resp: 6032482  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.9 41.9  
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM044084.D

Acq: 14 Feb 2024 16:00

Instrument :

BNA\_M

ClientSampleId :

EB-7-5-7D

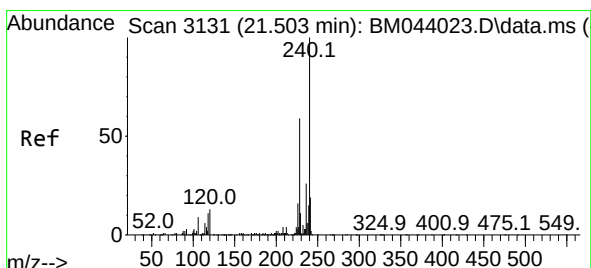
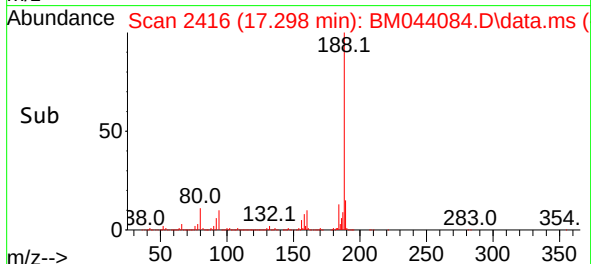
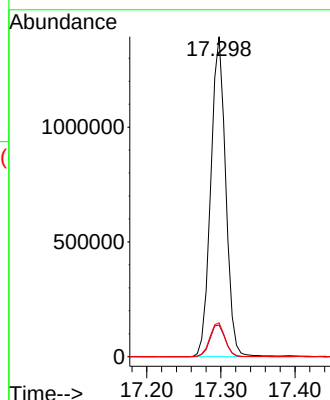
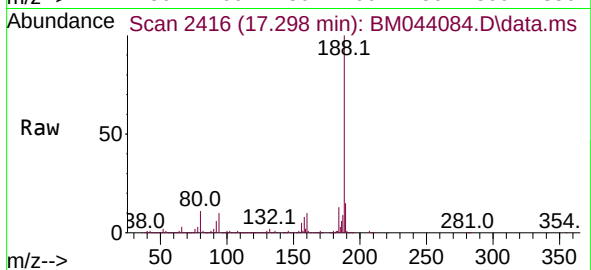
Tgt Ion:188 Resp: 1952123

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.6 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044084.D

Acq: 14 Feb 2024 16:00

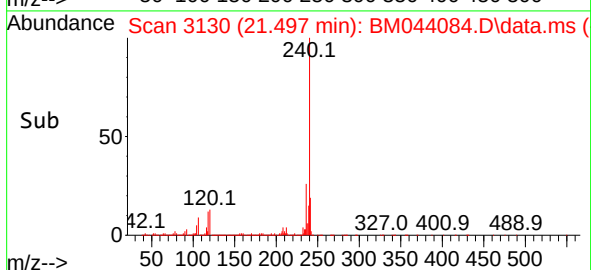
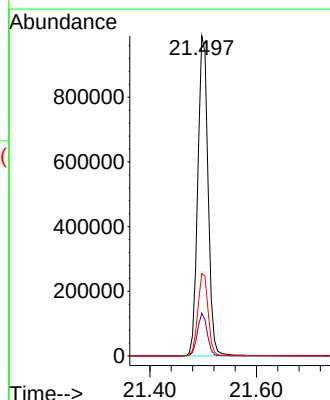
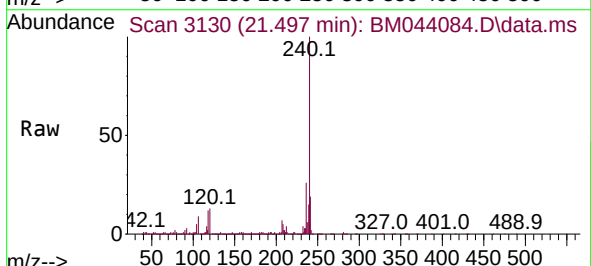
Tgt Ion:240 Resp: 1328621

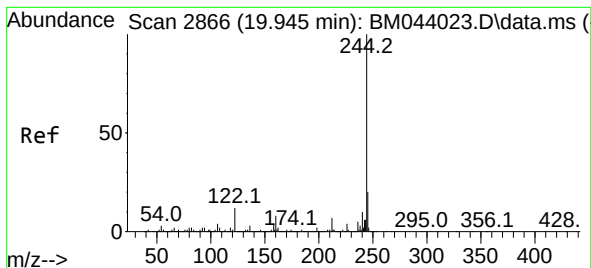
Ion Ratio Lower Upper

240 100

120 13.3 10.1 15.1

236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 91.164 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044084.D

Acq: 14 Feb 2024 16:00

Instrument :

BNA\_M

ClientSampleId :

EB-7-5-7D

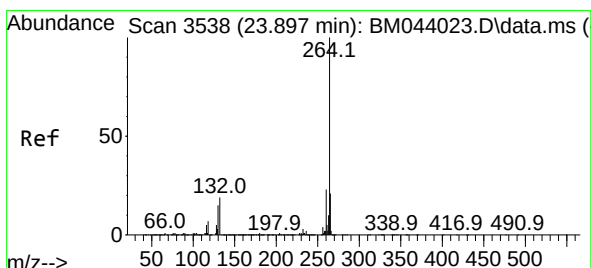
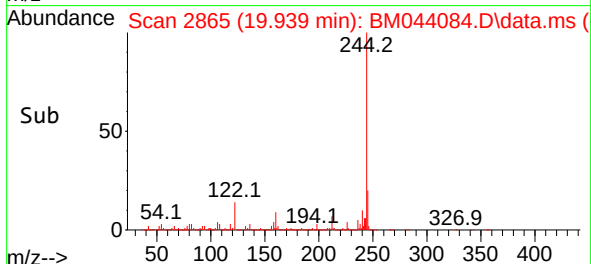
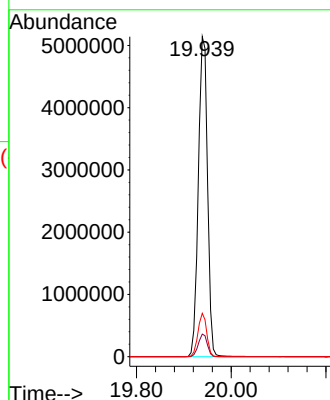
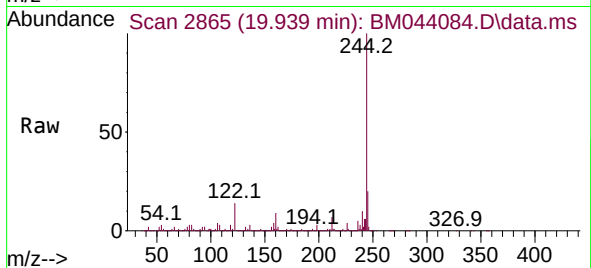
Tgt Ion:244 Resp: 6909313

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 13.5 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.891 min Scan# 3537

Delta R.T. -0.006 min

Lab File: BM044084.D

Acq: 14 Feb 2024 16:00

Tgt Ion:264 Resp: 1400570

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.7 17.3 25.9

