

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060623\  
 Data File : BM040105.D  
 Acq On : 06 Jun 2023 15:53  
 Operator : MA/JU  
 Sample : 02986-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-13-0A

Quant Time: Jun 06 17:06:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 06 16:45:42 2023  
 Response via : Initial Calibration

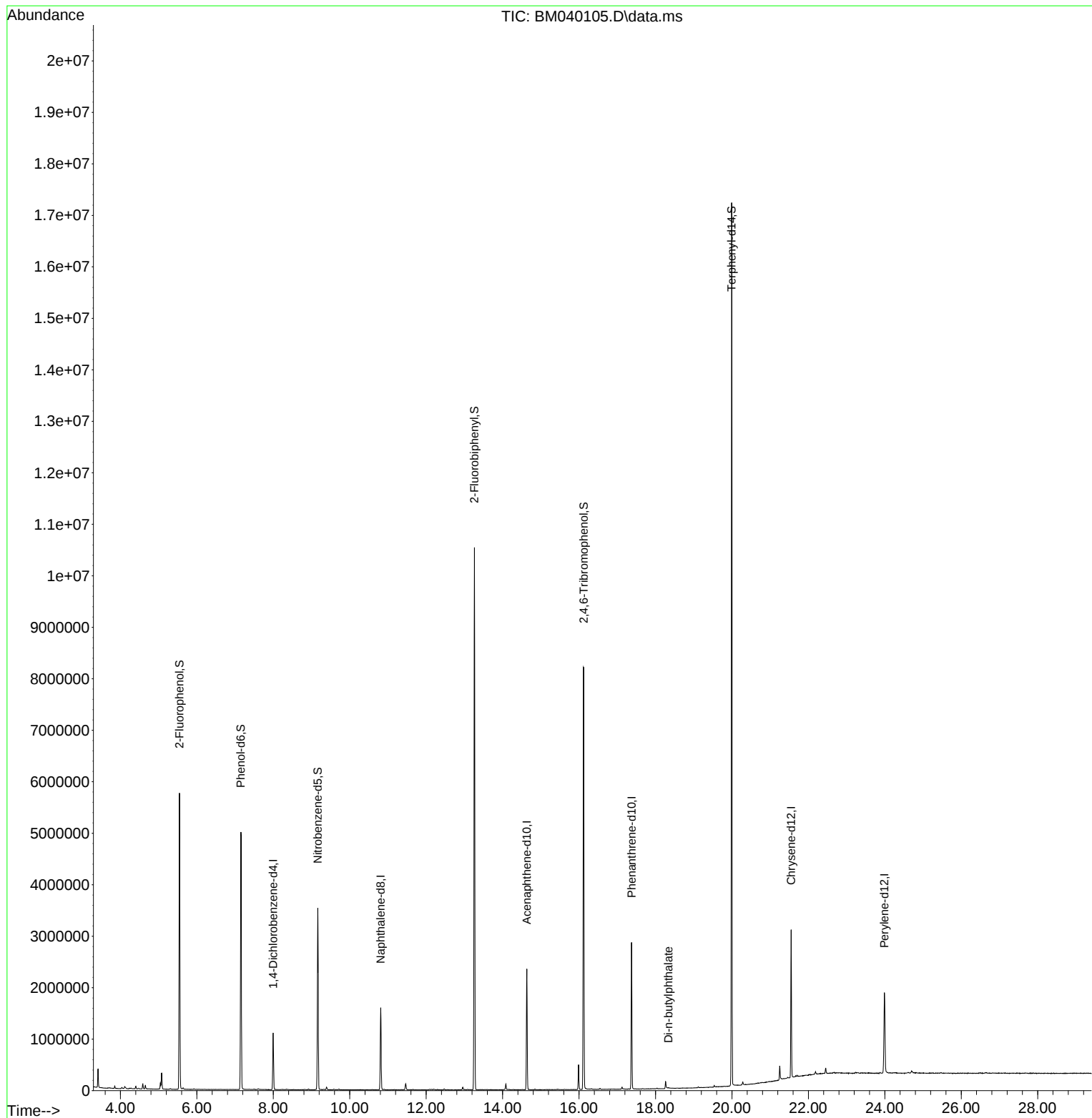
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)    |
|-----------------------------|--------|------|----------|---------|-------|-------------|
| -----                       |        |      |          |         |       |             |
| Internal Standards          |        |      |          |         |       |             |
| 1) 1,4-Dichlorobenzene-d4   | 7.998  | 152  | 302962   | 20.000  | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.810 | 136  | 1303940  | 20.000  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 14.633 | 164  | 748280   | 20.000  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 17.374 | 188  | 1515709  | 20.000  | ng    | 0.00        |
| 76) Chrysene-d12            | 21.550 | 240  | 1134941  | 20.000  | ng    | 0.00        |
| 86) Perylene-d12            | 23.991 | 264  | 1044775  | 20.000  | ng    | 0.00        |
| System Monitoring Compounds |        |      |          |         |       |             |
| 5) 2-Fluorophenol           | 5.545  | 112  | 2590416  | 131.156 | ng    | 0.00        |
| 7) Phenol-d6                | 7.151  | 99   | 3065310  | 118.976 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 9.163  | 82   | 1986198  | 82.194  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 16.121 | 330  | 1593248  | 164.048 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 13.263 | 172  | 5118069  | 80.674  | ng    | 0.00        |
| 79) Terphenyl-d14           | 19.992 | 244  | 8049413  | 110.123 | ng    | 0.00        |
| Target Compounds            |        |      |          |         |       |             |
| 74) Di-n-butylphthalate     | 18.339 | 149  | 6524     | 3.720   | ng    | Qvalue # 93 |
| -----                       |        |      |          |         |       |             |

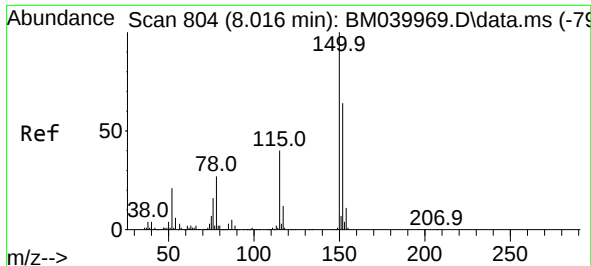
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060623\  
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BNA\_M  
ClientSampleId :  
TP-13-0A

Quant Time: Jun 06 17:06:16 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 06 16:45:42 2023  
Response via : Initial Calibration

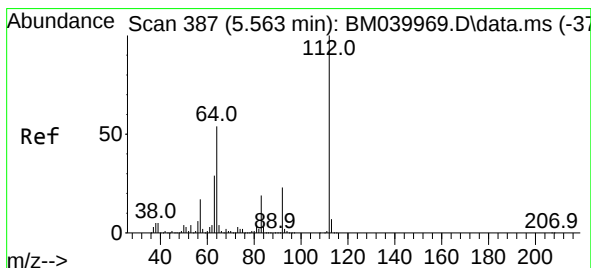
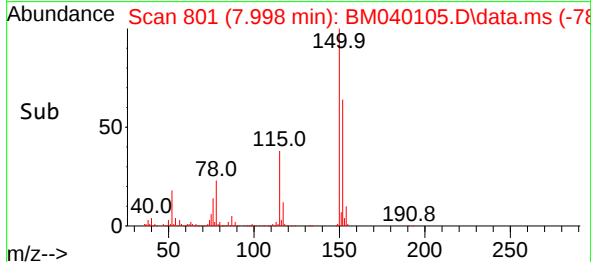
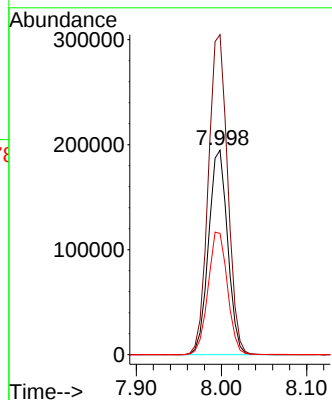
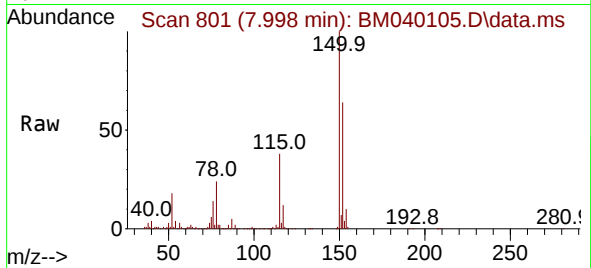




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.998 min Scan# 804  
Delta R.T. -0.001 min  
Lab File: BM040105.D  
Acq: 06 Jun 2023 15:53

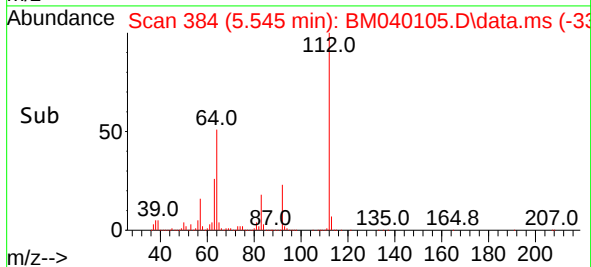
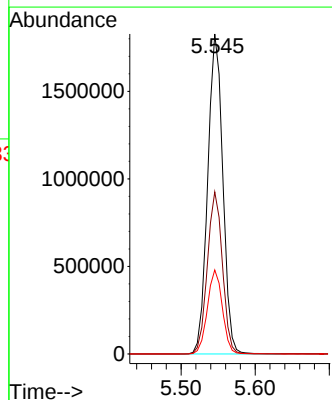
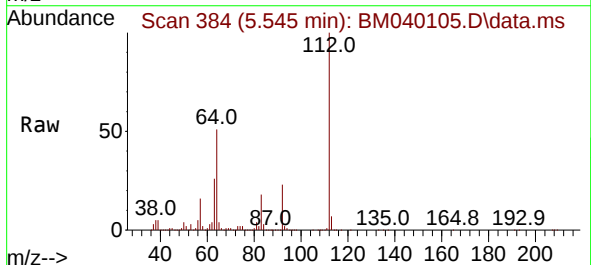
Instrument :  
BNA\_M  
ClientSampleId :  
TP-13-0A

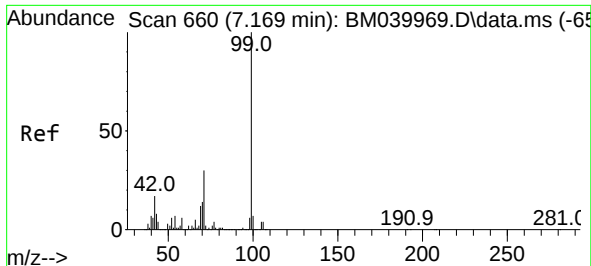
Tgt Ion:152 Resp: 302962  
Ion Ratio Lower Upper  
152 100  
150 156.5 125.5 188.3  
115 59.3 50.2 75.2



#5  
2-Fluorophenol  
Concen: 131.156 ng  
RT: 5.545 min Scan# 384  
Delta R.T. 0.005 min  
Lab File: BM040105.D  
Acq: 06 Jun 2023 15:53

Tgt Ion:112 Resp: 2590416  
Ion Ratio Lower Upper  
112 100  
64 50.6 43.0 64.4  
63 26.3 22.9 34.3



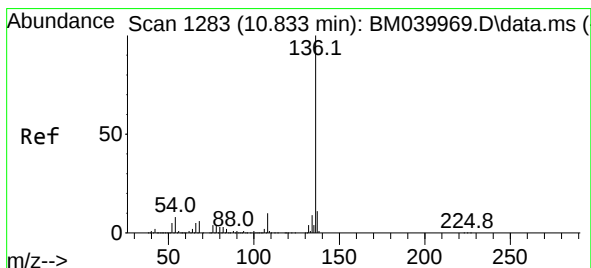
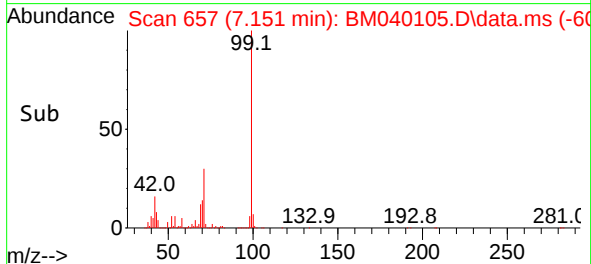
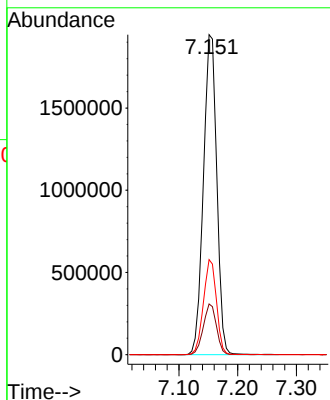
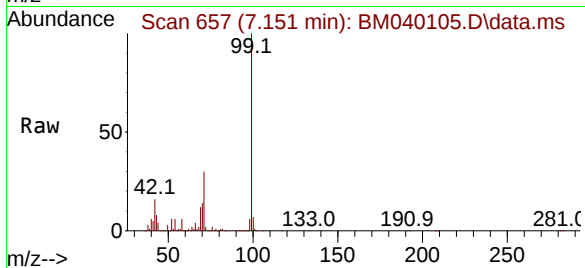


#7  
Phenol-d6  
Concen: 118.976 ng  
RT: 7.151 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM040105.D  
Acq: 06 Jun 2023 15:53

Instrument :  
BNA\_M  
ClientSampleId :  
TP-13-0A

Tgt Ion: 99 Resp: 3065310

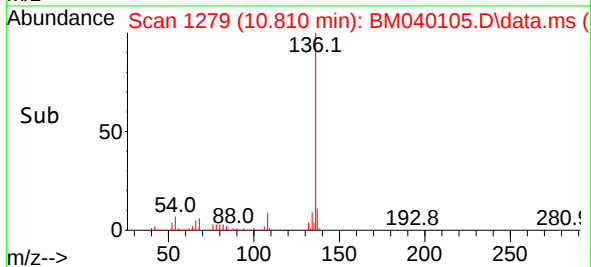
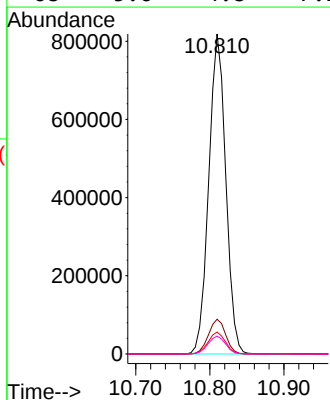
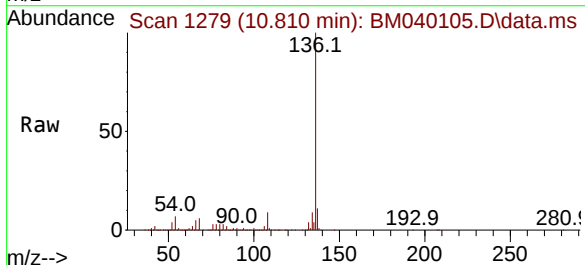
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.8  | 13.8  | 20.6  |
| 71  | 29.7  | 24.4  | 36.6  |

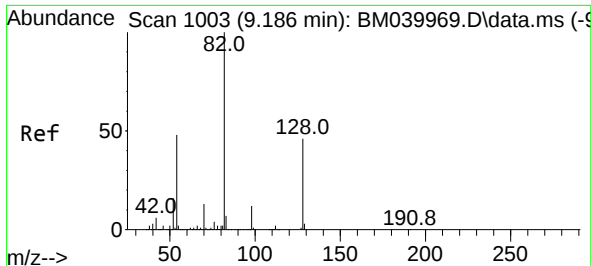


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.810 min Scan# 1279  
Delta R.T. -0.000 min  
Lab File: BM040105.D  
Acq: 06 Jun 2023 15:53

Tgt Ion:136 Resp: 1303940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 6.9   | 6.1   | 9.1   |
| 68  | 5.6   | 4.8   | 7.2   |

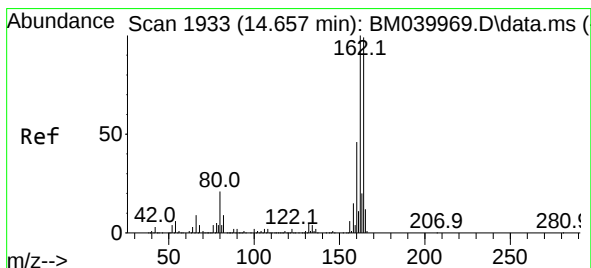
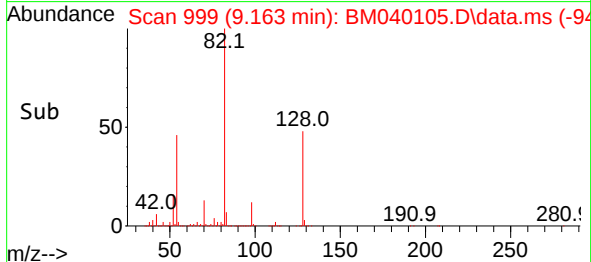
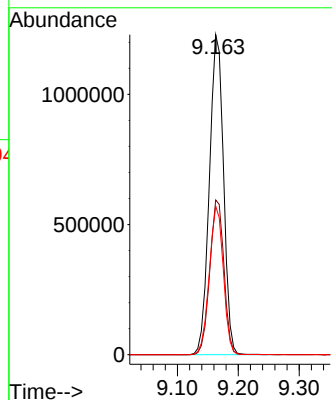
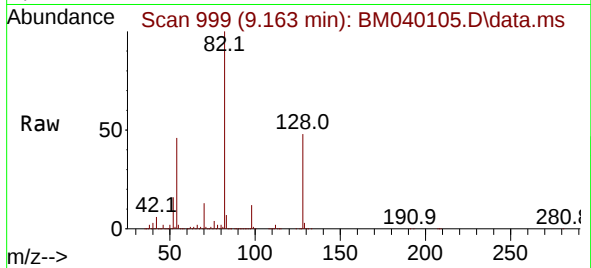




#23  
Nitrobenzene-d5  
Concen: 82.194 ng  
RT: 9.163 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM040105.D  
Acq: 06 Jun 2023 15:53

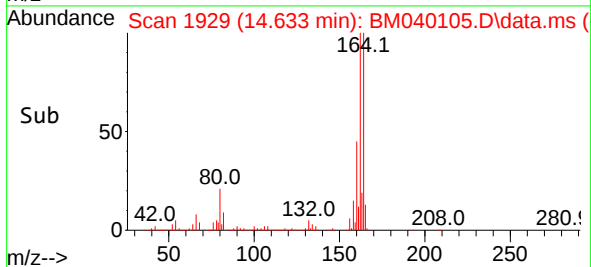
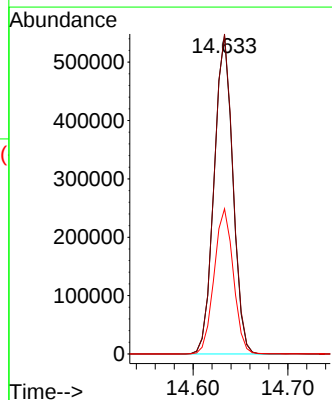
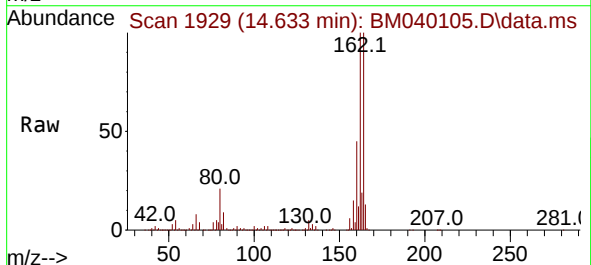
Instrument :  
BNA\_M  
ClientSampleId :  
TP-13-0A

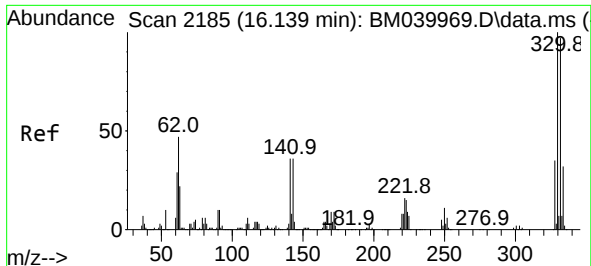
Tgt Ion: 82 Resp: 1986198  
Ion Ratio Lower Upper  
82 100  
128 48.4 36.5 54.7  
54 46.3 38.3 57.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.633 min Scan# 1929  
Delta R.T. -0.000 min  
Lab File: BM040105.D  
Acq: 06 Jun 2023 15:53

Tgt Ion:164 Resp: 748280  
Ion Ratio Lower Upper  
164 100  
162 100.4 80.6 120.8  
160 45.6 36.7 55.1

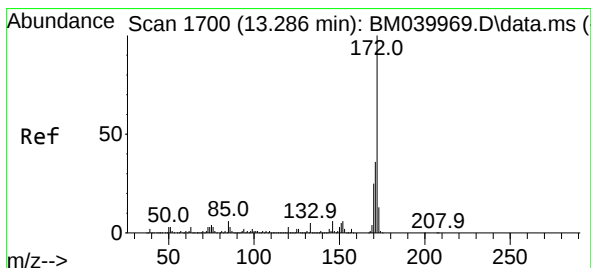
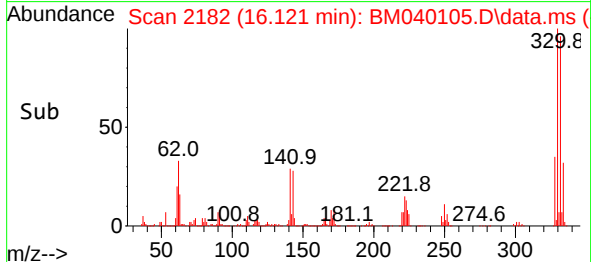
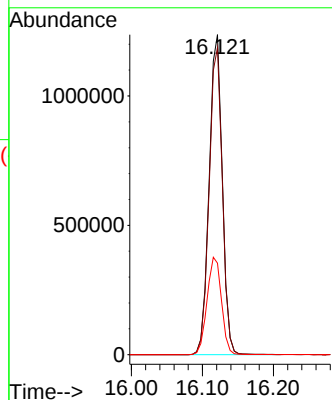
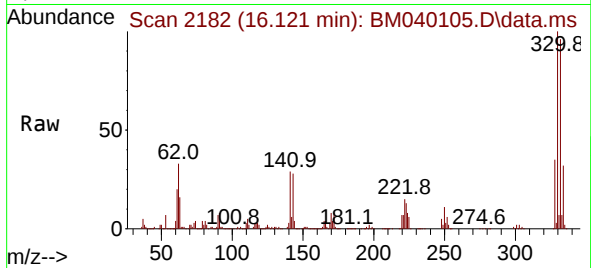




#42  
2,4,6-Tribromophenol  
Concen: 164.048 ng  
RT: 16.121 min Scan# 2185  
Delta R.T. -0.000 min  
Lab File: BM040105.D  
Acq: 06 Jun 2023 15:53

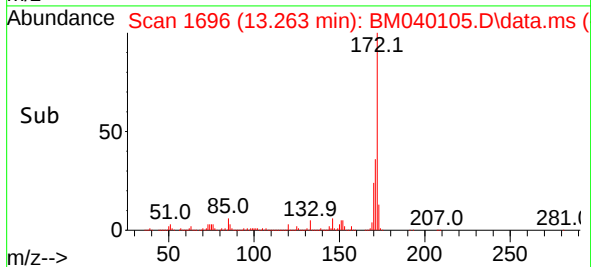
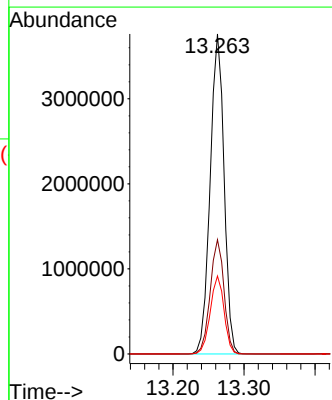
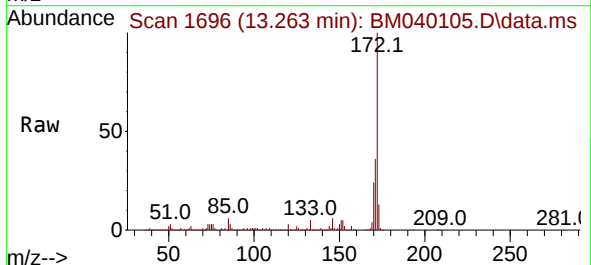
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ClientSampleId :  
TP-13-0A

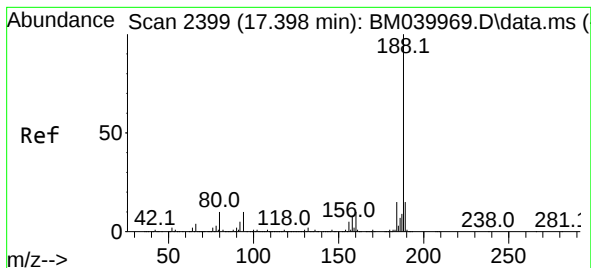
Tgt Ion:330 Resp: 1593248  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.4 116.2  
141 33.5 31.6 47.4



#45  
2-Fluorobiphenyl  
Concen: 80.674 ng  
RT: 13.263 min Scan# 1696  
Delta R.T. -0.000 min  
Lab File: BM040105.D  
Acq: 06 Jun 2023 15:53

Tgt Ion:172 Resp: 5118069  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.8 43.2  
170 24.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040105.D

Acq: 06 Jun 2023 15:53

Instrument :

BNA\_M

ClientSampleId :

TP-13-0A

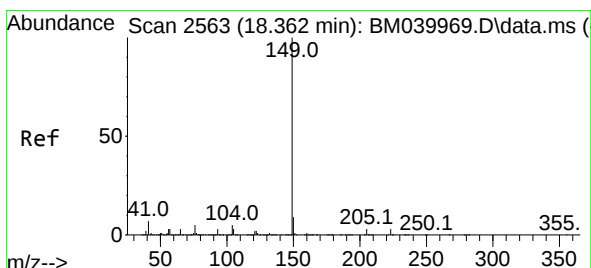
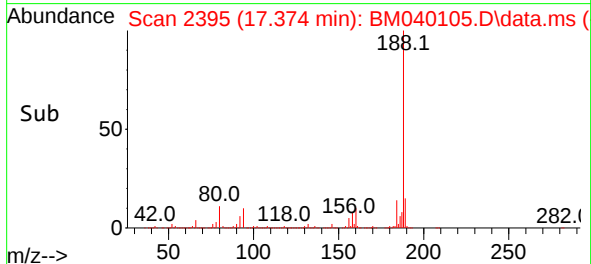
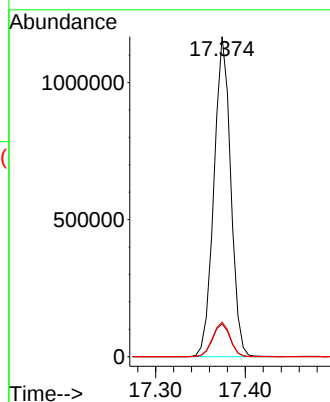
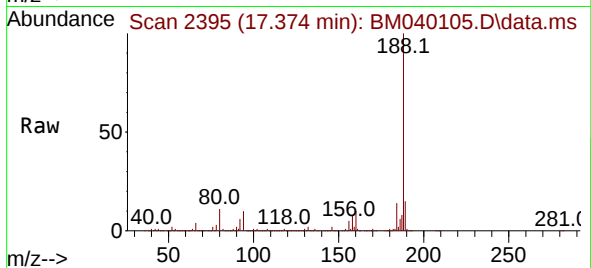
Tgt Ion:188 Resp: 1515709

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.8

80 10.8 8.2 12.4



#74

Di-n-butylphthalate

Concen: 3.720 ng

RT: 18.339 min Scan# 2559

Delta R.T. -0.006 min

Lab File: BM040105.D

Acq: 06 Jun 2023 15:53

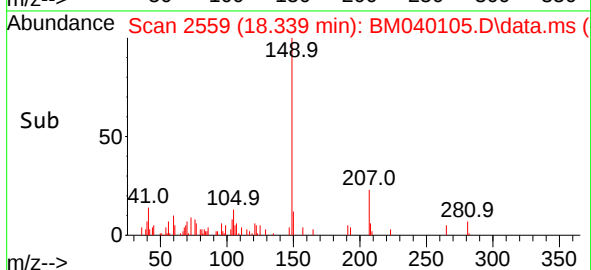
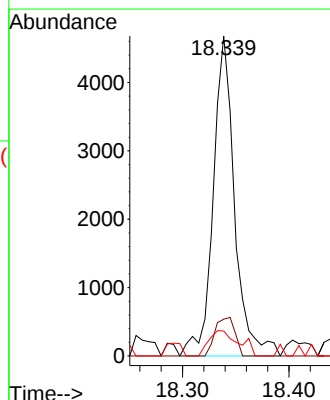
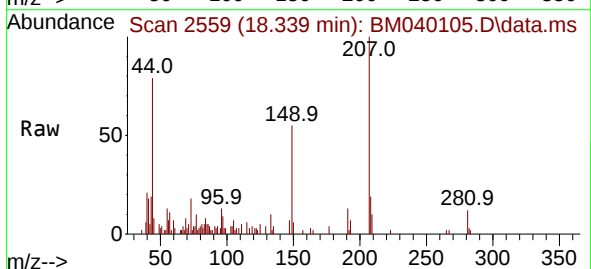
Tgt Ion:149 Resp: 6524

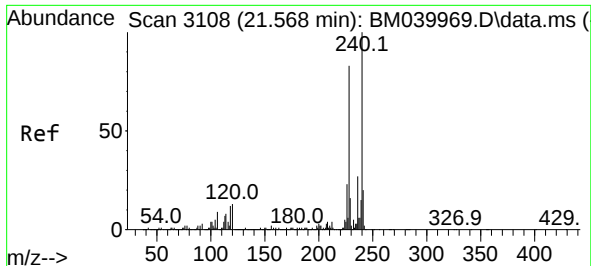
Ion Ratio Lower Upper

149 100

150 11.5 7.4 11.2#

104 7.8 4.2 6.2#

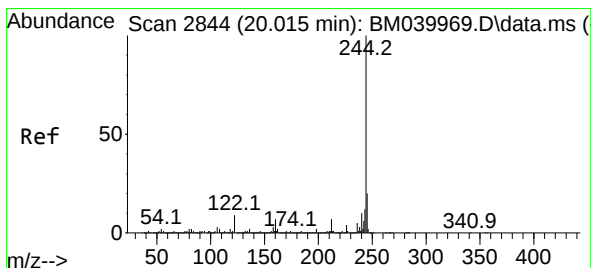
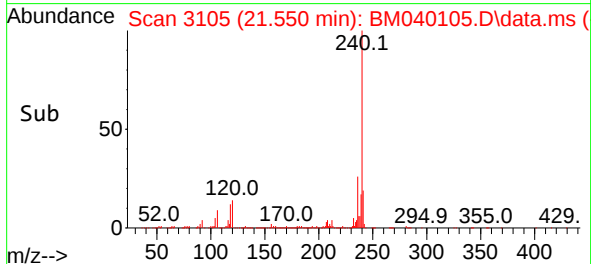
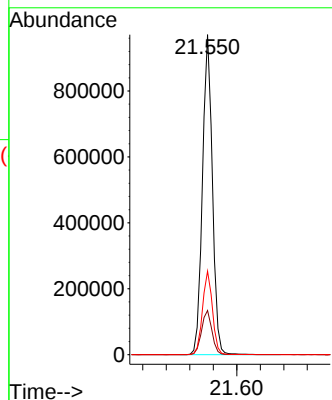
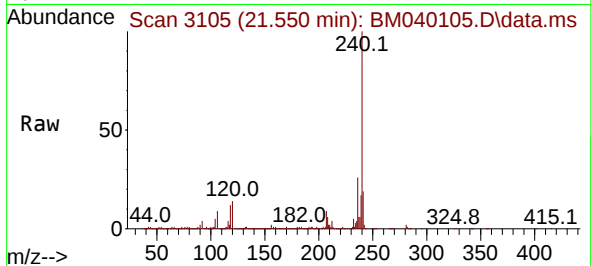




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.550 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM040105.D  
Acq: 06 Jun 2023 15:53

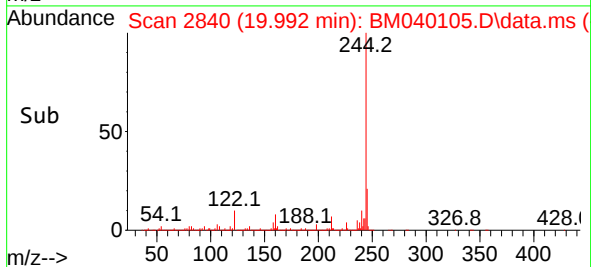
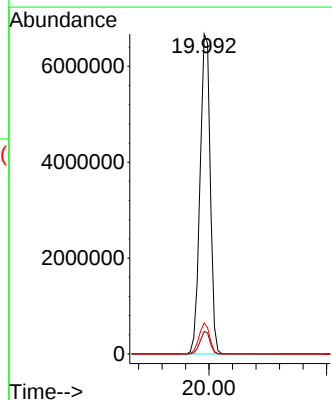
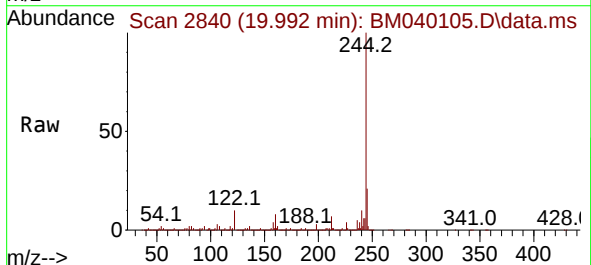
Instrument :  
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TP-13-0A

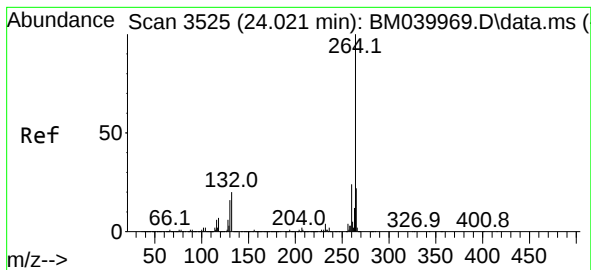
Tgt Ion:240 Resp: 1134941  
Ion Ratio Lower Upper  
240 100  
120 13.8 10.1 15.1  
236 26.1 21.3 31.9



#79  
Terphenyl-d14  
Concen: 110.123 ng  
RT: 19.992 min Scan# 2840  
Delta R.T. -0.000 min  
Lab File: BM040105.D  
Acq: 06 Jun 2023 15:53

Tgt Ion:244 Resp: 8049413  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.4 8.0  
122 9.7 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.991 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM040105.D

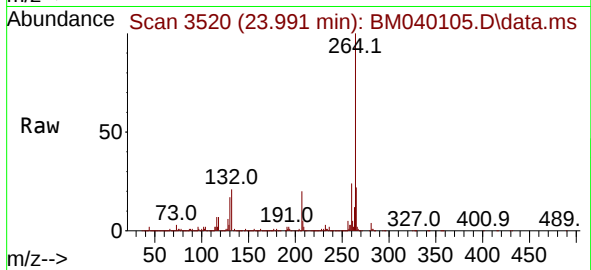
Acq: 06 Jun 2023 15:53

Instrument :

BNA\_M

ClientSampleId :

TP-13-0A



Tgt Ion:264 Resp: 1044775

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.9 17.7 26.5

