

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032023\  
 Data File : BM039059.D  
 Acq On : 21 Mar 2023 00:19  
 Operator : CG/JU  
 Sample : 01954-03RE  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SV-TP2-0316

Quant Time: Mar 21 03:53:00 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

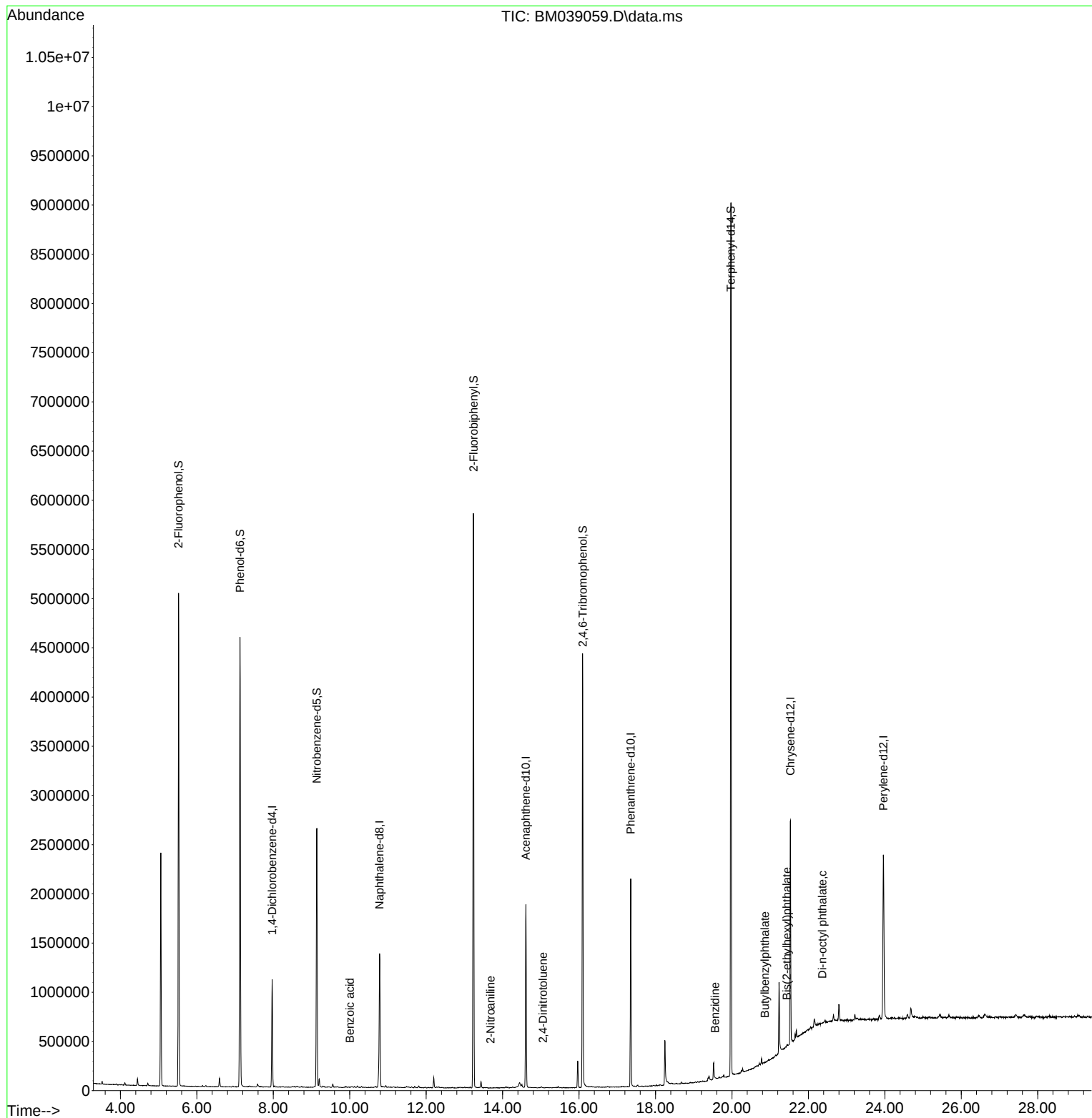
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.969  | 152  | 276793   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.781 | 136  | 1094878  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.610 | 164  | 595379   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.351 | 188  | 1189555  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.533 | 240  | 1044825  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.962 | 264  | 1183531  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 2053364  | 112.707 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.128  | 99   | 2559138  | 108.144 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.139  | 82   | 1497572  | 67.188  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.098 | 330  | 673398   | 97.770  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.239 | 172  | 2910185  | 63.631  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.974 | 244  | 3934890  | 68.856  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid              | 10.004 | 122  | 67       | 5.737   | ng    | # 41     |
| 48) 2-Nitroaniline            | 13.686 | 65   | 264      | 2.236   | ng    | # 6      |
| 57) 2,4-Dinitrotoluene        | 15.057 | 165  | 57       | 2.075   | ng    | # 20     |
| 77) Benzidine                 | 19.556 | 184  | 64       | 4.879   | ng    | # 1      |
| 80) Butylbenzylphthalate      | 20.862 | 149  | 507      | 3.330   | ng    | 94       |
| 84) Bis(2-ethylhexyl)phtha... | 21.439 | 149  | 6682     | 2.616   | ng    | # 86     |
| 85) Di-n-octyl phthalate      | 22.368 | 149  | 824      | 3.806   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

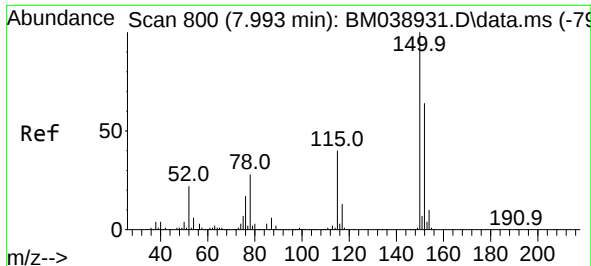
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032023\  
Data File : BM039059.D  
Acq On : 21 Mar 2023 00:19  
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Sample : 01954-03RE  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SV-TP2-0316

Quant Time: Mar 21 03:53:00 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  
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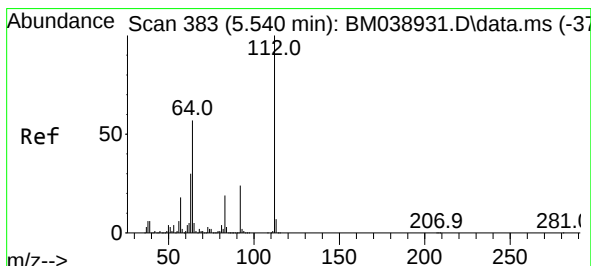
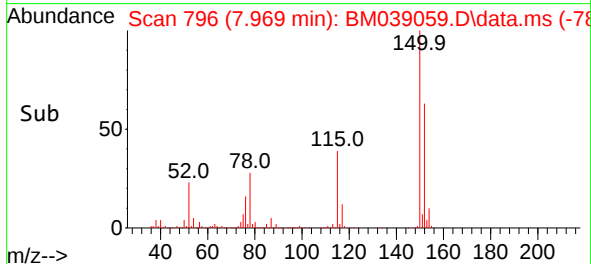
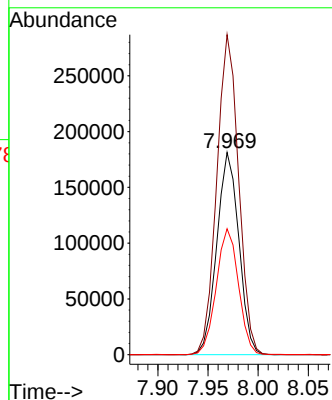
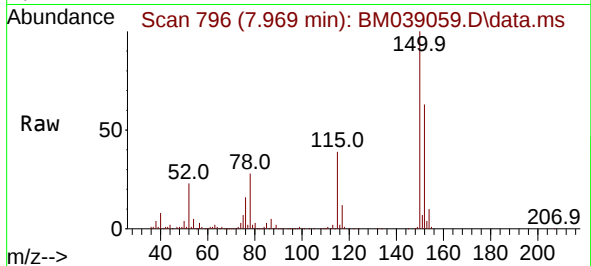




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.969 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: BM039059.D  
Acq: 21 Mar 2023 00:19

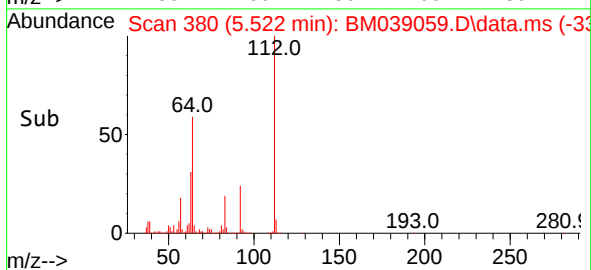
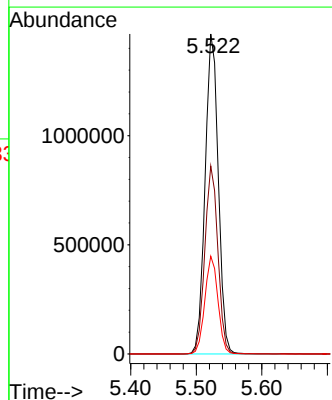
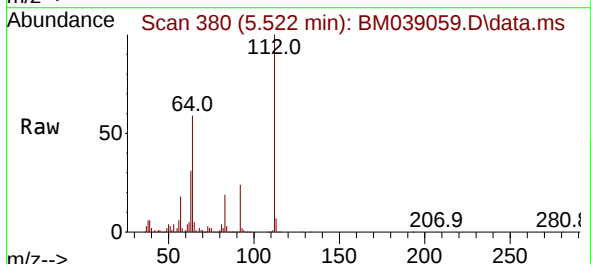
Instrument :  
BNA\_M  
ClientSampleId :  
SV-TP2-0316

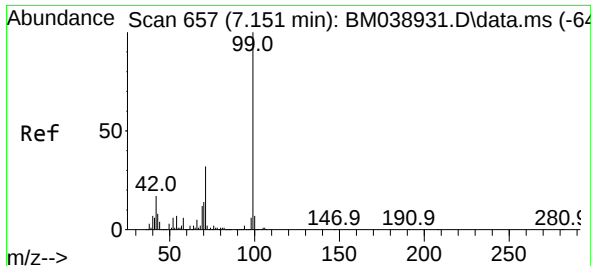
Tgt Ion:152 Resp: 276793  
Ion Ratio Lower Upper  
152 100  
150 158.2 125.1 187.7  
115 62.2 49.6 74.4



#5  
2-Fluorophenol  
Concen: 112.707 ng  
RT: 5.522 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: BM039059.D  
Acq: 21 Mar 2023 00:19

Tgt Ion:112 Resp: 2053364  
Ion Ratio Lower Upper  
112 100  
64 58.8 45.9 68.9  
63 30.5 23.8 35.8



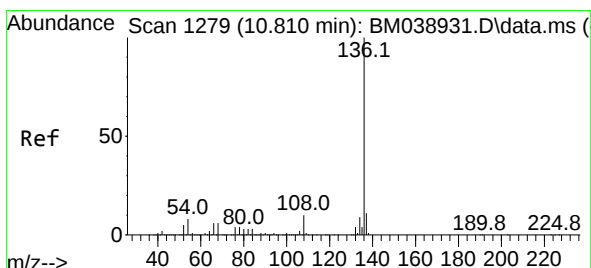
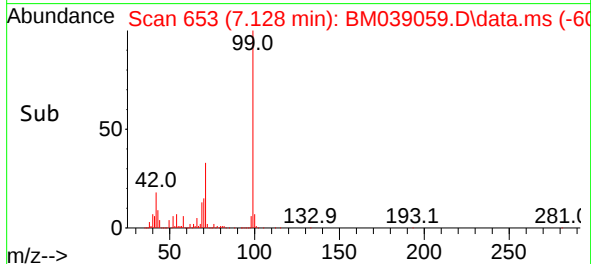
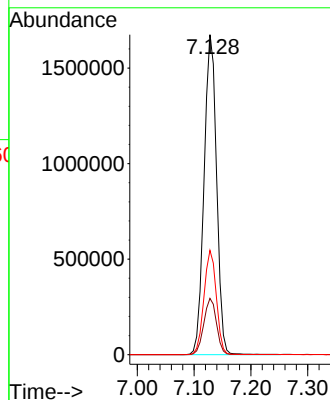
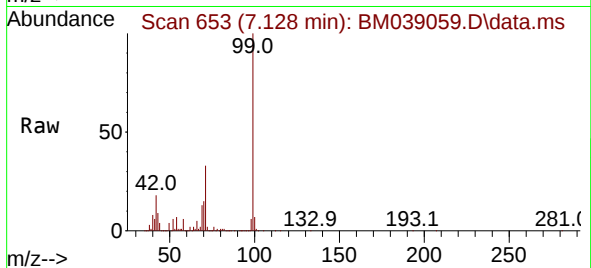


#7  
Phenol-d6  
Concen: 108.144 ng  
RT: 7.128 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM039059.D  
Acq: 21 Mar 2023 00:19

Instrument :  
BNA\_M  
ClientSampleId :  
SV-TP2-0316

Tgt Ion: 99 Resp: 2559138

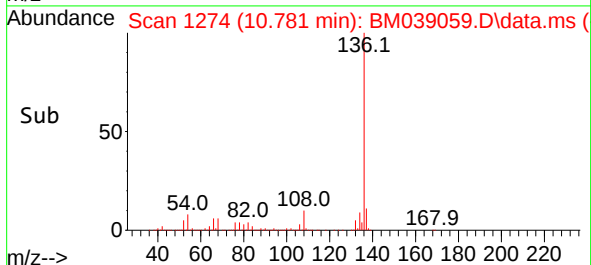
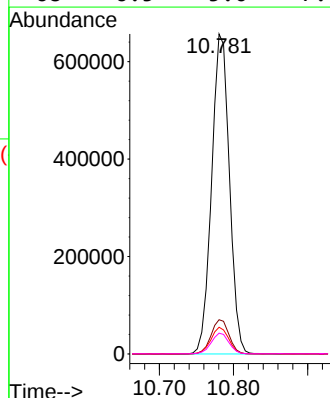
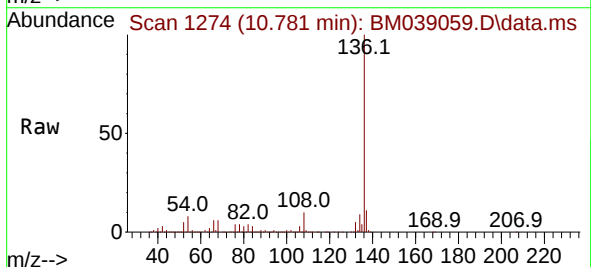
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.6  | 13.5  | 20.3  |
| 71  | 32.6  | 25.6  | 38.4  |

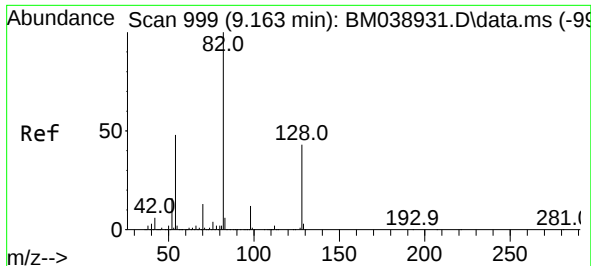


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.781 min Scan# 1274  
Delta R.T. -0.012 min  
Lab File: BM039059.D  
Acq: 21 Mar 2023 00:19

Tgt Ion: 136 Resp: 1094878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.7   | 13.1  |
| 54  | 8.3   | 6.3   | 9.5   |
| 68  | 6.5   | 5.0   | 7.6   |

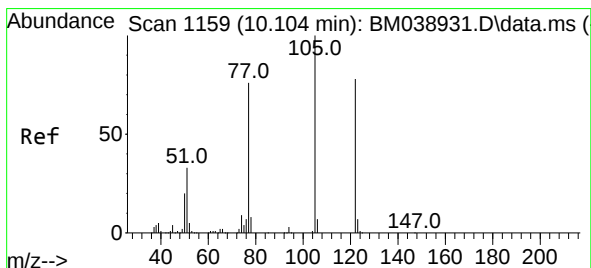
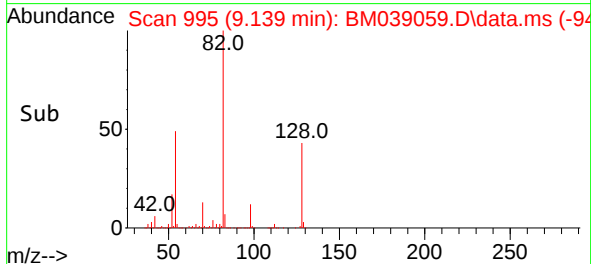
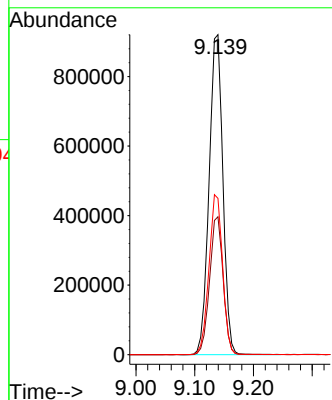
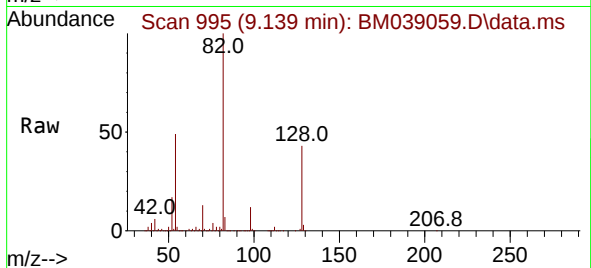




#23  
Nitrobenzene-d5  
Concen: 67.188 ng  
RT: 9.139 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM039059.D  
Acq: 21 Mar 2023 00:19

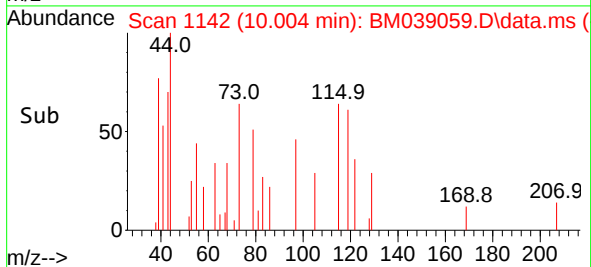
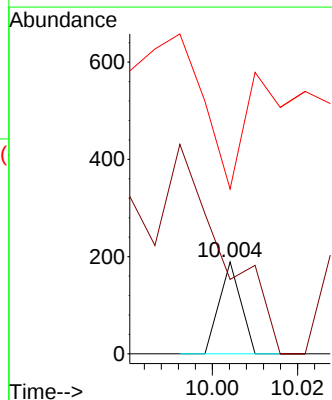
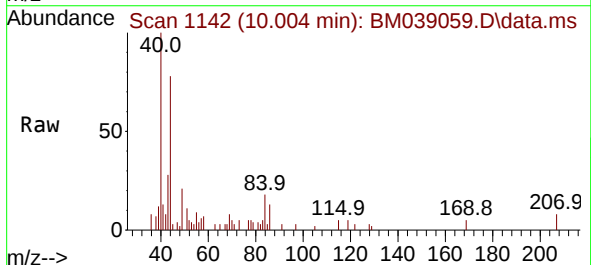
Instrument :  
BNA\_M  
ClientSampleId :  
SV-TP2-0316

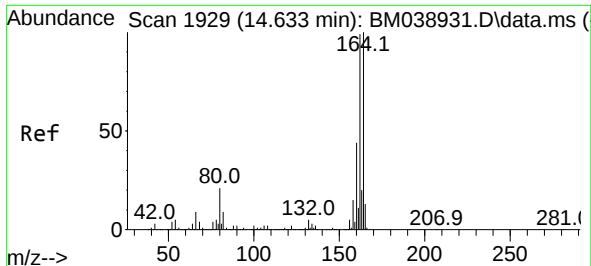
Tgt Ion: 82 Resp: 1497572  
Ion Ratio Lower Upper  
82 100  
128 43.1 34.4 51.6  
54 48.9 38.8 58.2



#32  
Benzoic acid  
Concen: 5.737 ng  
RT: 10.004 min Scan# 1142  
Delta R.T. -0.094 min  
Lab File: BM039059.D  
Acq: 21 Mar 2023 00:19

Tgt Ion:122 Resp: 67  
Ion Ratio Lower Upper  
122 100  
105 81.0 104.2 144.2#  
77 179.4 75.1 115.1#

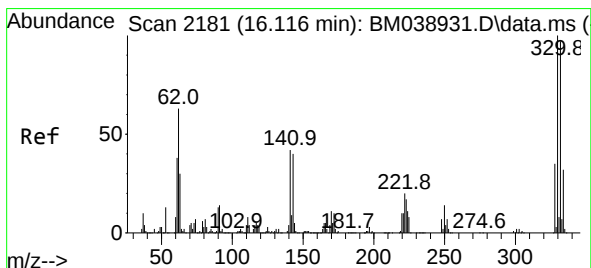
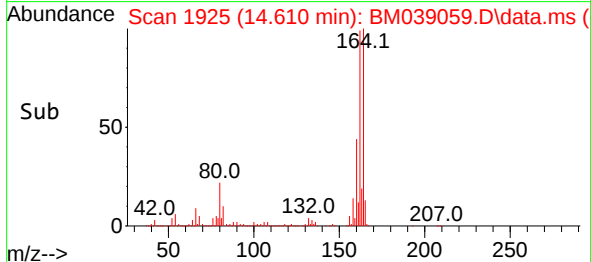
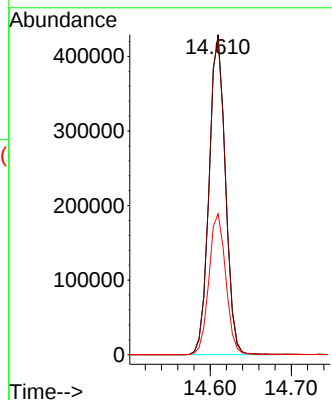
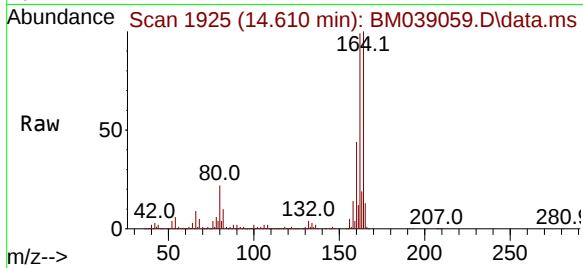




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.610 min Scan# 1925  
Delta R.T. -0.006 min  
Lab File: BM039059.D  
Acq: 21 Mar 2023 00:19

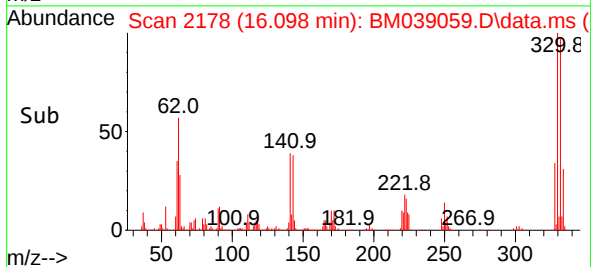
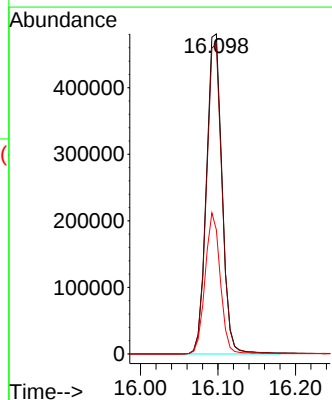
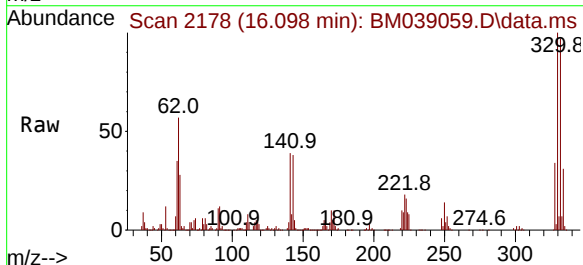
Instrument :  
BNA\_M  
ClientSampleId :  
SV-TP2-0316

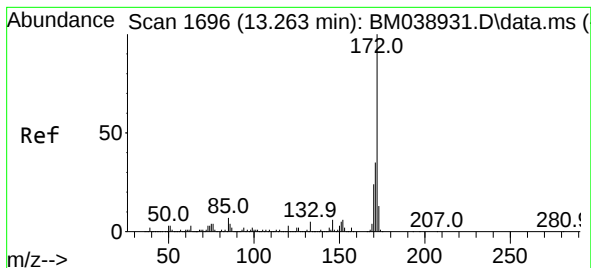
Tgt Ion:164 Resp: 595379  
Ion Ratio Lower Upper  
164 100  
162 98.6 79.2 118.8  
160 44.0 35.5 53.3



#42  
2,4,6-Tribromophenol  
Concen: 97.770 ng  
RT: 16.098 min Scan# 2178  
Delta R.T. -0.006 min  
Lab File: BM039059.D  
Acq: 21 Mar 2023 00:19

Tgt Ion:330 Resp: 673398  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.4 116.0  
141 43.0 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 63.631 ng

RT: 13.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039059.D

Acq: 21 Mar 2023 00:19

Instrument :

BNA\_M

ClientSampleId :

SV-TP2-0316

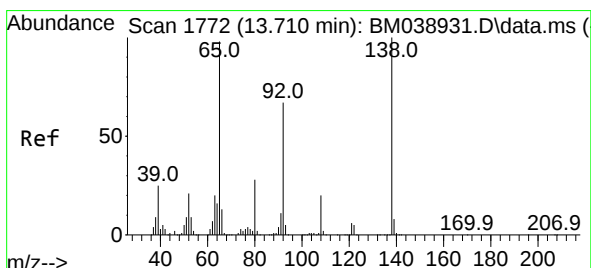
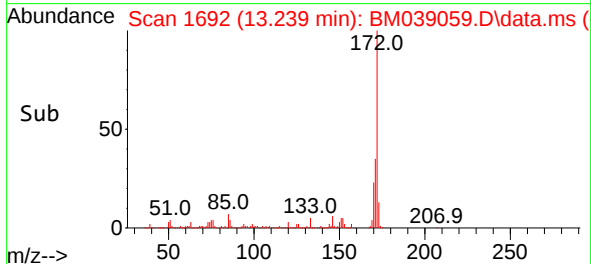
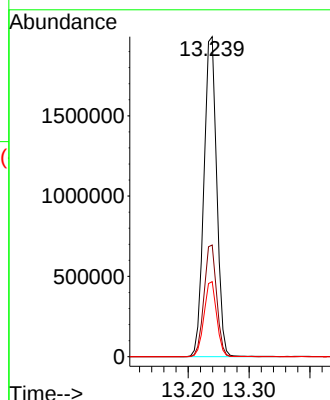
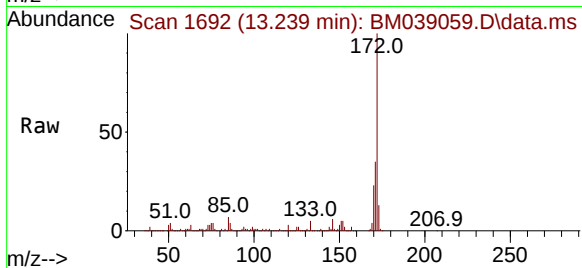
Tgt Ion:172 Resp: 2910185

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.4 19.1 28.7



#48

2-Nitroaniline

Concen: 2.236 ng

RT: 13.686 min Scan# 1768

Delta R.T. -0.012 min

Lab File: BM039059.D

Acq: 21 Mar 2023 00:19

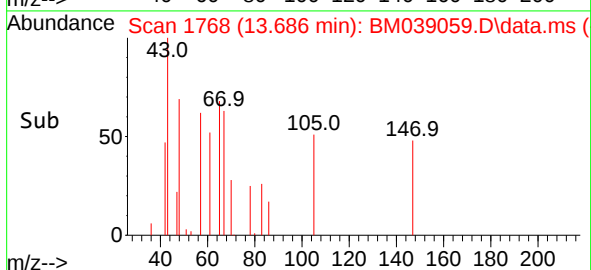
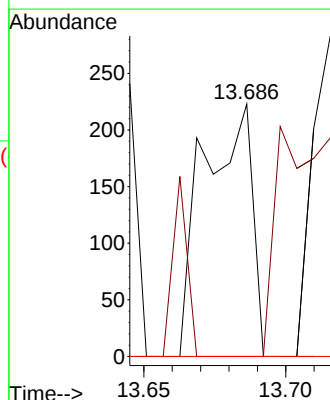
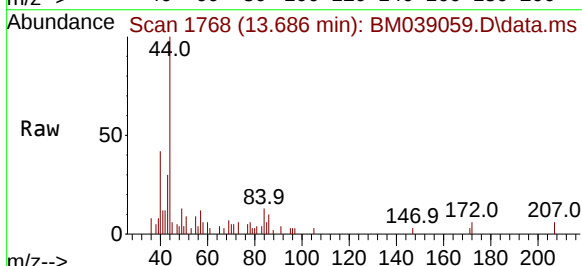
Tgt Ion: 65 Resp: 264

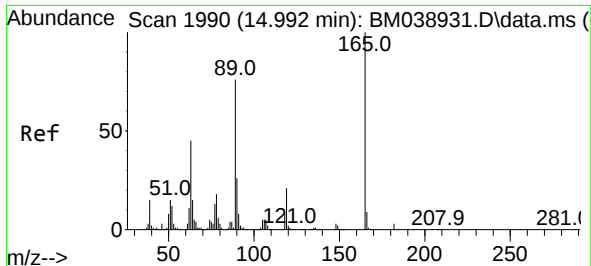
Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

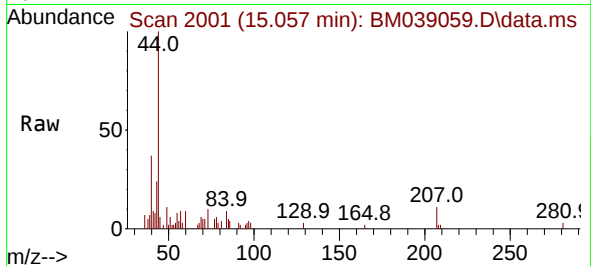
138 0.0 81.6 122.4#



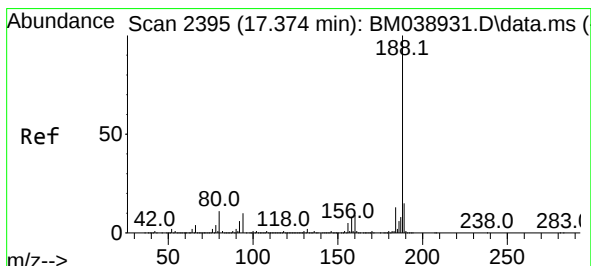
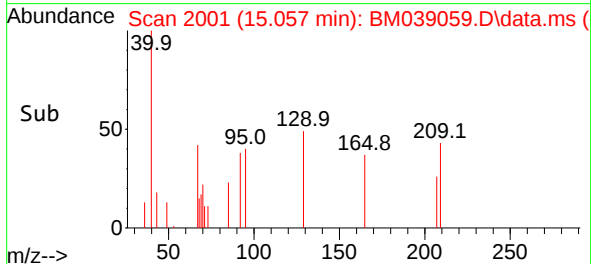
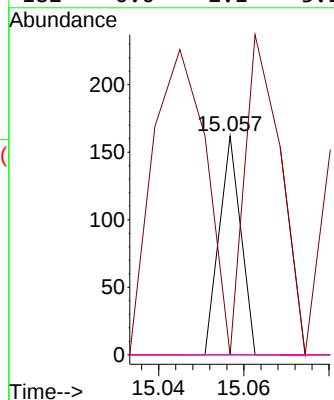


#57  
2,4-Dinitrotoluene  
Concen: 2.075 ng  
RT: 15.057 min Scan# 20  
Delta R.T. 0.082 min  
Lab File: BM039059.D  
Acq: 21 Mar 2023 00:19

Instrument :  
BNA\_M  
ClientSampleId :  
SV-TP2-0316

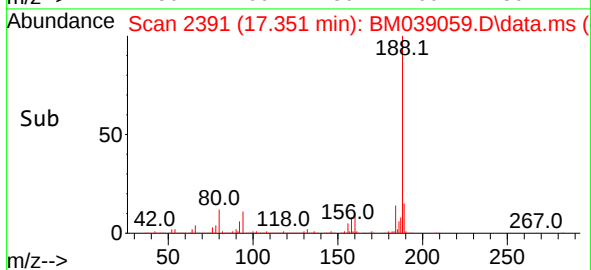
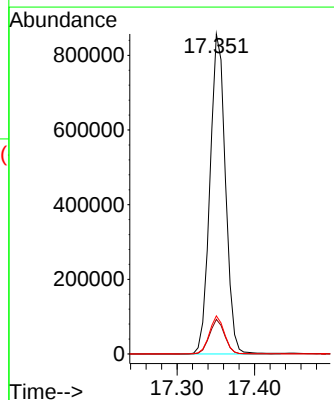
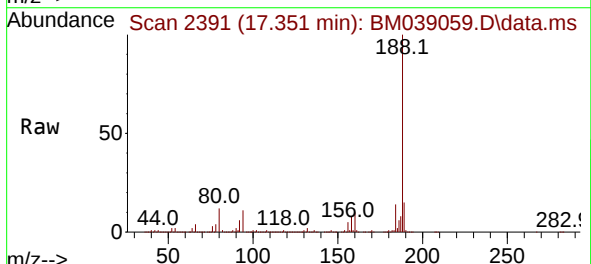


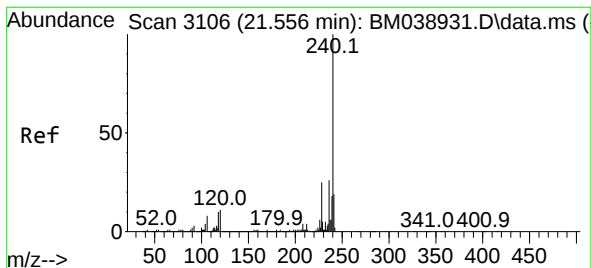
Tgt Ion:165 Resp: 57  
Ion Ratio Lower Upper  
165 100  
63 0.0 35.9 53.9#  
89 0.0 61.0 91.6#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.351 min Scan# 2391  
Delta R.T. -0.012 min  
Lab File: BM039059.D  
Acq: 21 Mar 2023 00:19

Tgt Ion:188 Resp: 1189555  
Ion Ratio Lower Upper  
188 100  
94 10.8 7.9 11.9  
80 11.9 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039059.D

Acq: 21 Mar 2023 00:19

Instrument :

BNA\_M

ClientSampleId :

SV-TP2-0316

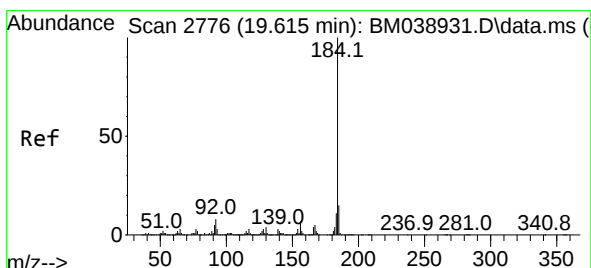
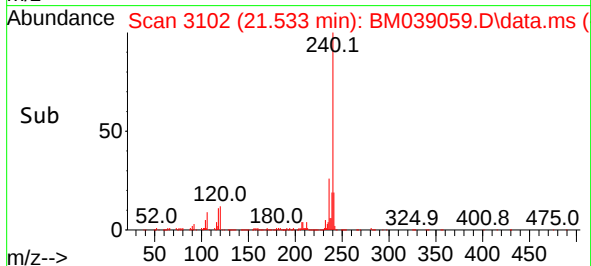
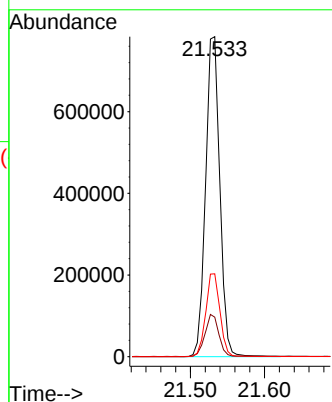
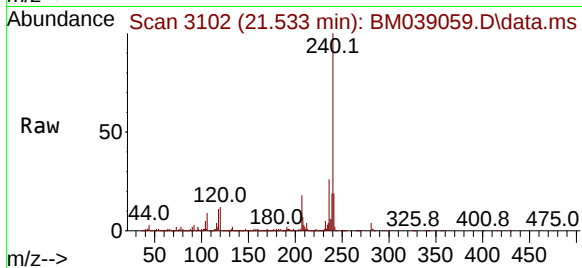
Tgt Ion:240 Resp: 1044825

Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 25.9 20.8 31.2



#77

Benzidine

Concen: 4.879 ng

RT: 19.556 min Scan# 2766

Delta R.T. -0.041 min

Lab File: BM039059.D

Acq: 21 Mar 2023 00:19

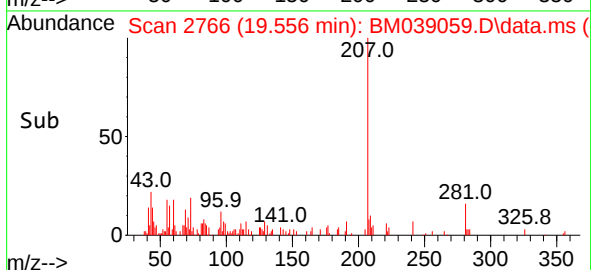
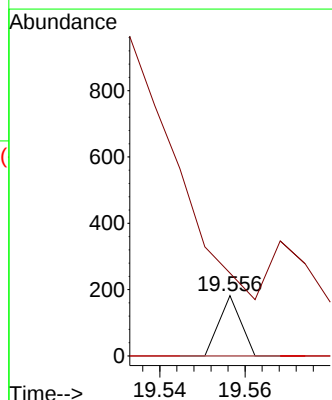
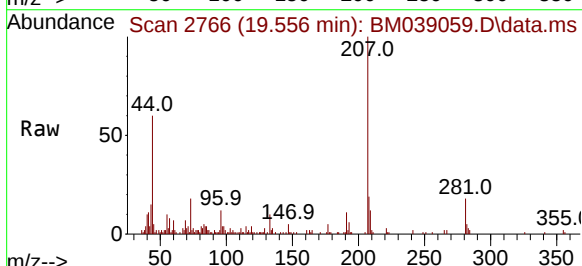
Tgt Ion:184 Resp: 64

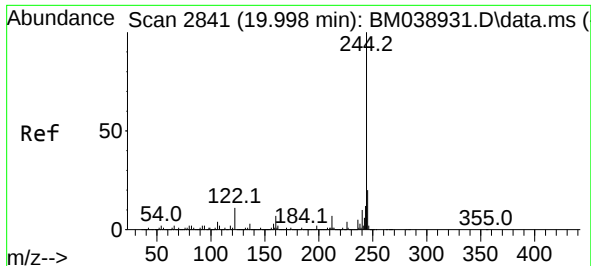
Ion Ratio Lower Upper

184 100

185 137.4 12.2 18.4#

183 0.0 8.8 13.2#

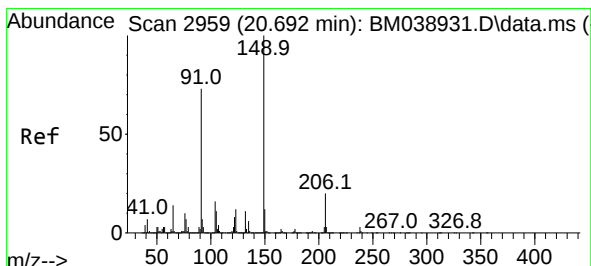
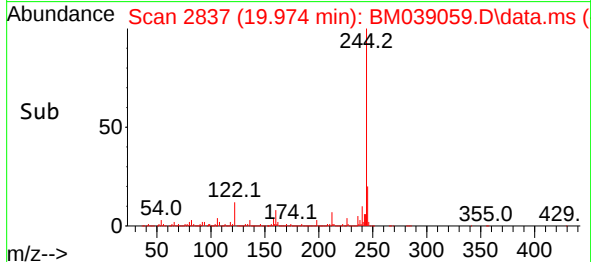
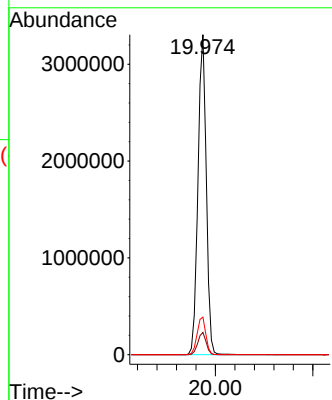
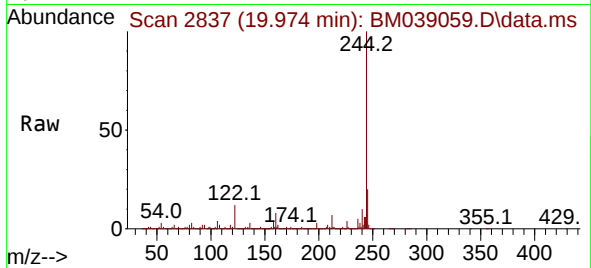




#79  
 Terphenyl-d14  
 Concen: 68.856 ng  
 RT: 19.974 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM039059.D  
 Acq: 21 Mar 2023 00:19

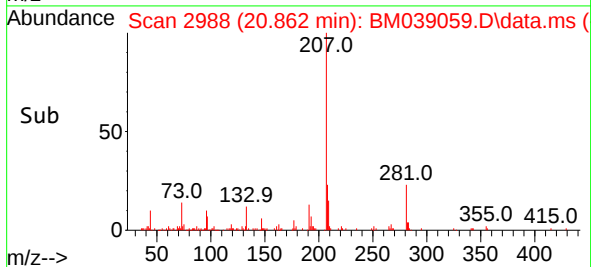
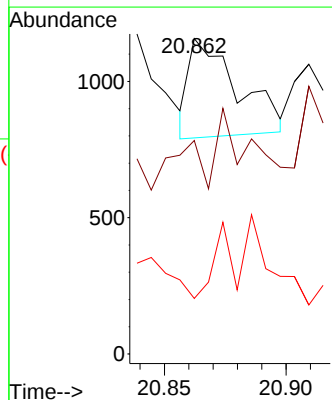
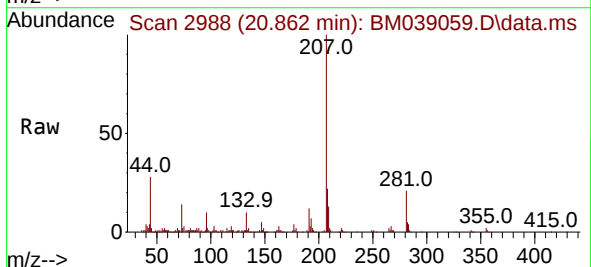
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SV-TP2-0316

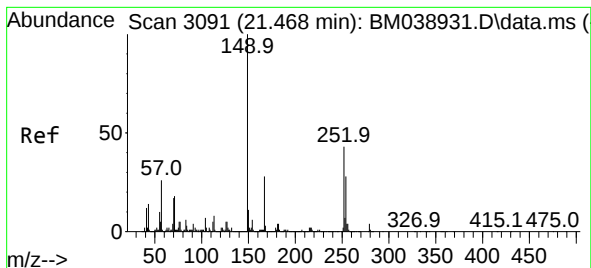
Tgt Ion:244 Resp: 3934890  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.5 8.3  
 122 11.8 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 3.330 ng  
 RT: 20.862 min Scan# 2988  
 Delta R.T. 0.188 min  
 Lab File: BM039059.D  
 Acq: 21 Mar 2023 00:19

Tgt Ion:149 Resp: 507  
 Ion Ratio Lower Upper  
 149 100  
 91 67.7 58.4 87.6  
 206 17.6 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.616 ng

RT: 21.439 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM039059.D

Acq: 21 Mar 2023 00:19

Instrument :

BNA\_M

ClientSampleId :

SV-TP2-0316

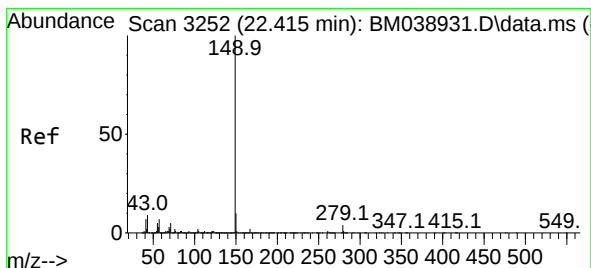
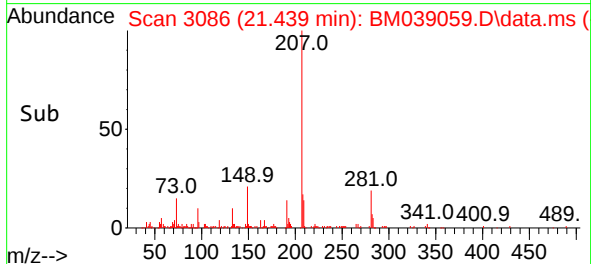
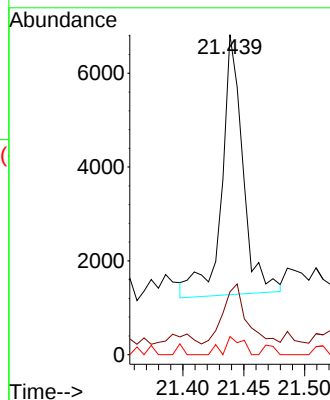
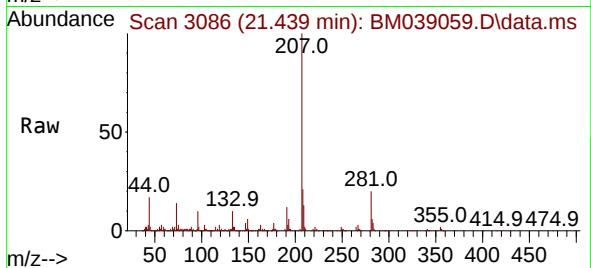
Tgt Ion:149 Resp: 6682

Ion Ratio Lower Upper

149 100

167 19.7 22.3 33.5#

279 5.6 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 3.806 ng

RT: 22.368 min Scan# 3244

Delta R.T. -0.023 min

Lab File: BM039059.D

Acq: 21 Mar 2023 00:19

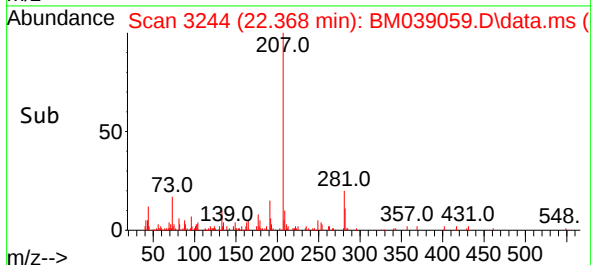
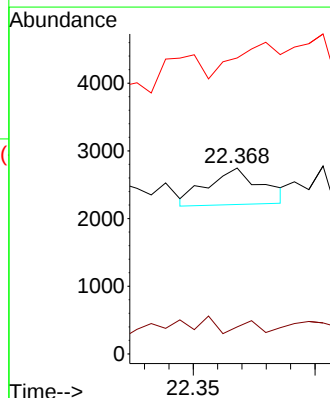
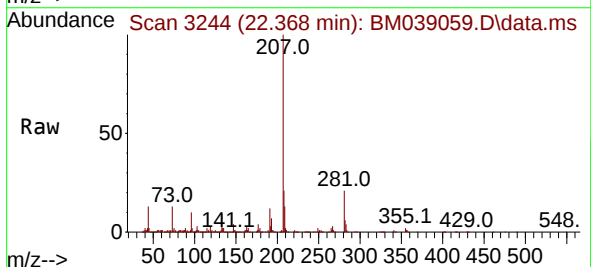
Tgt Ion:149 Resp: 824

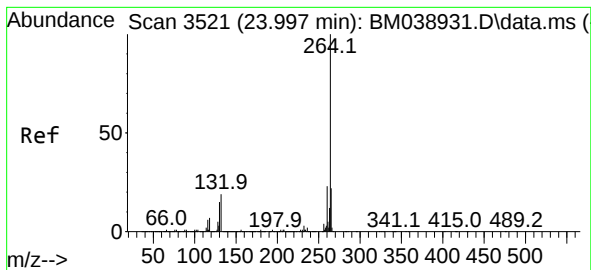
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 81.4 7.4 11.2#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.962 min Scan# 31  
 Delta R.T. -0.018 min  
 Lab File: BM039059.D  
 Acq: 21 Mar 2023 00:19

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SV-TP2-0316

Tgt Ion:264 Resp: 1183531  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.7 28.1  
 265 22.5 17.9 26.9

