

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052423\  
 Data File : BM039985.D  
 Acq On : 24 May 2023 15:46  
 Operator : CG/JU  
 Sample : 02812-19  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WG-0516-B3-GW

Quant Time: May 24 16:25:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 24 01:06:13 2023  
 Response via : Initial Calibration

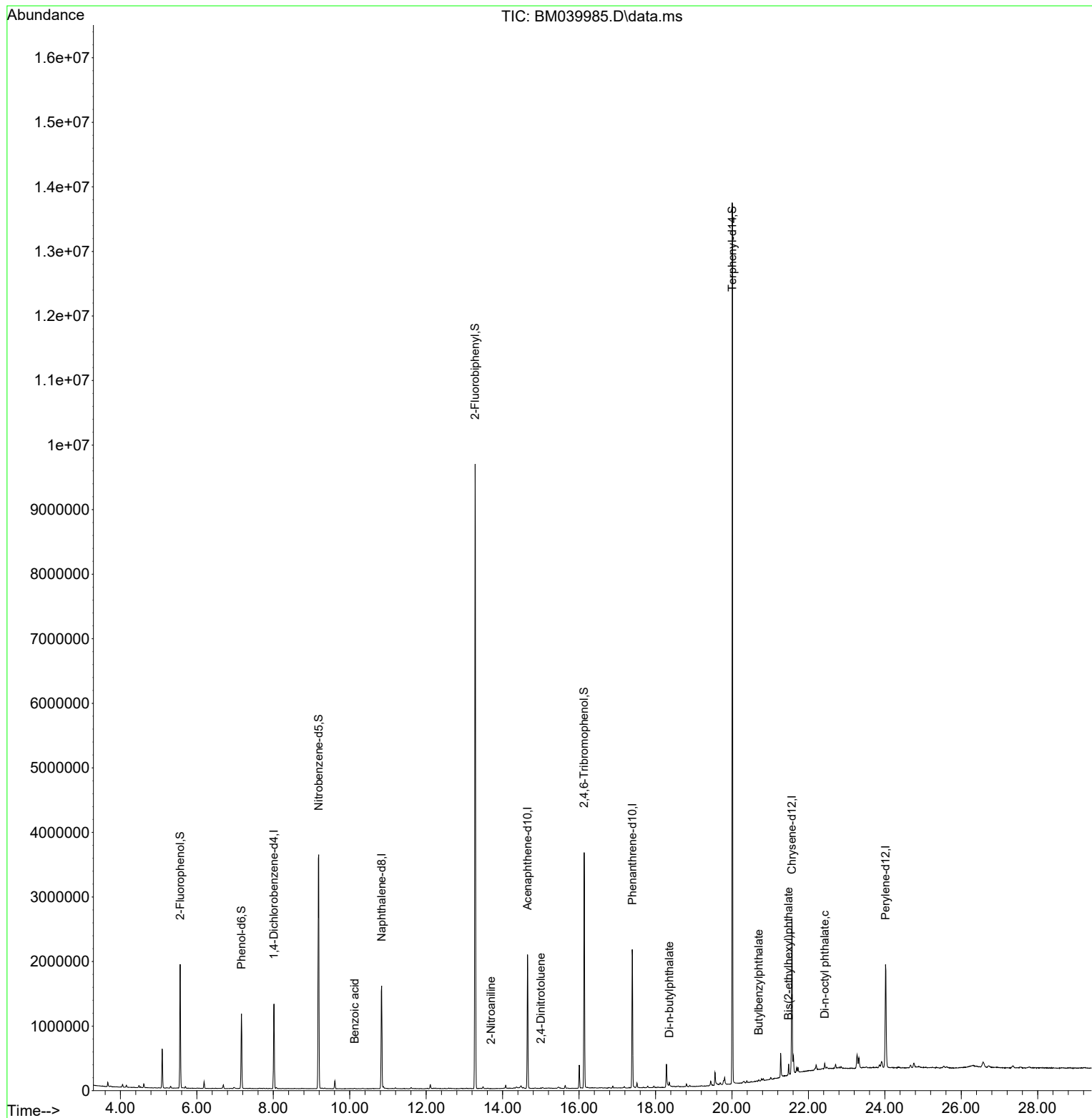
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.016  | 152  | 351392   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.833 | 136  | 1357160  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.651 | 164  | 672663   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.392 | 188  | 1219184  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.568 | 240  | 1054003  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.021 | 264  | 1125240  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.563  | 112  | 844495   | 36.865 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.169  | 99   | 687113   | 22.994 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.186  | 82   | 2087694  | 83.006 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.133 | 330  | 615385   | 70.486 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.280 | 172  | 4700983  | 82.430 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.009 | 244  | 6207532  | 91.446 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid              | 10.128 | 122  | 66       | 7.807  | ng    | # 41     |
| 48) 2-Nitroaniline            | 13.698 | 65   | 350      | 2.589  | ng    | # 2      |
| 57) 2,4-Dinitrotoluene        | 14.998 | 165  | 1826     | 3.869  | ng    | # 80     |
| 74) Di-n-butylphthalate       | 18.362 | 149  | 38747    | 4.091  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.703 | 149  | 6599     | 5.018  | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.480 | 149  | 69628    | 4.873  | ng    | # 95     |
| 85) Di-n-octyl phthalate      | 22.427 | 149  | 61134    | 7.290  | ng    | # 95     |
| -----                         |        |      |          |        |       |          |

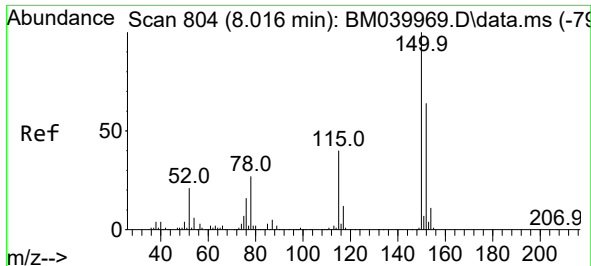
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 24 01:06:13 2023  
Response via : Initial Calibration

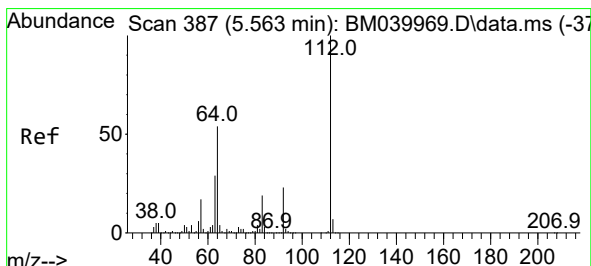
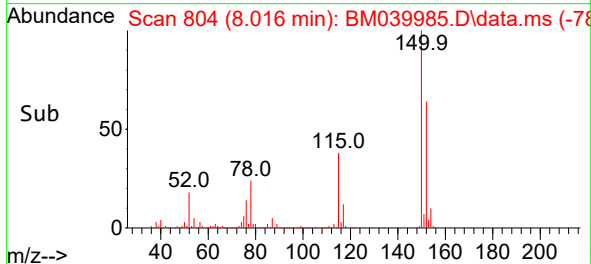
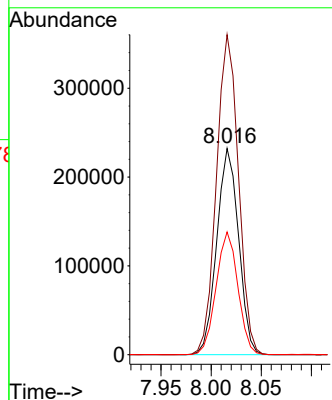
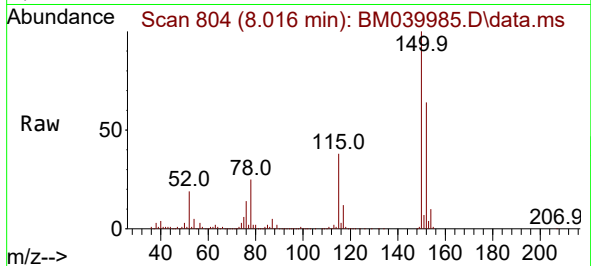




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.016 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: BM039985.D  
Acq: 24 May 2023 15:46

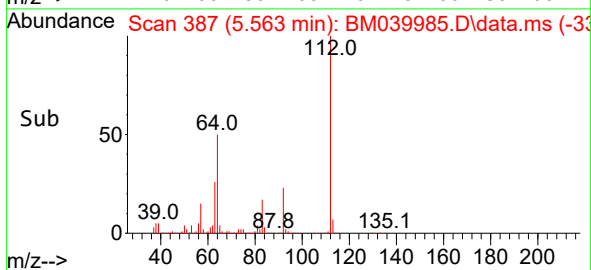
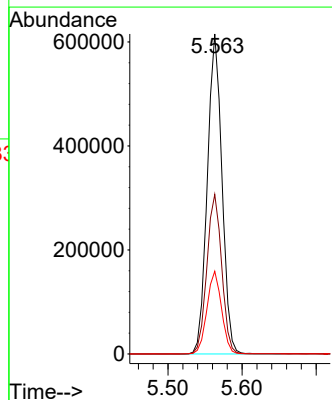
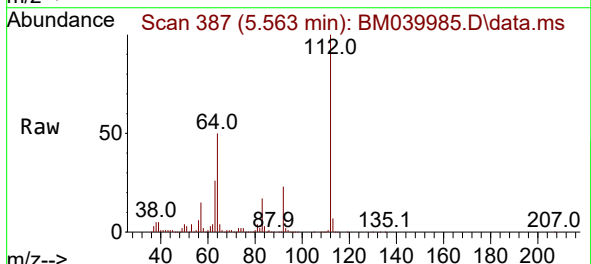
Instrument :  
BNA\_M  
ClientSampleId :  
WG-0516-B3-GW

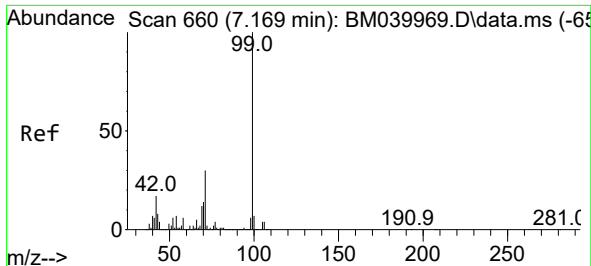
Tgt Ion:152 Resp: 351392  
Ion Ratio Lower Upper  
152 100  
150 155.1 125.5 188.3  
115 59.5 50.2 75.2



#5  
2-Fluorophenol  
Concen: 36.865 ng  
RT: 5.563 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: BM039985.D  
Acq: 24 May 2023 15:46

Tgt Ion:112 Resp: 844495  
Ion Ratio Lower Upper  
112 100  
64 49.8 43.0 64.4  
63 25.9 22.9 34.3

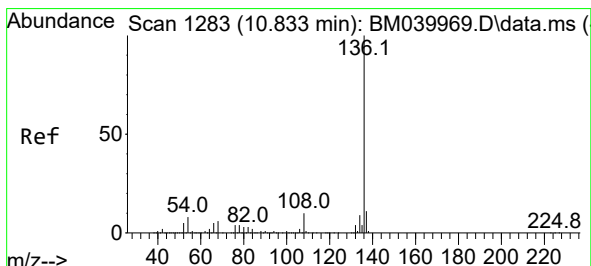
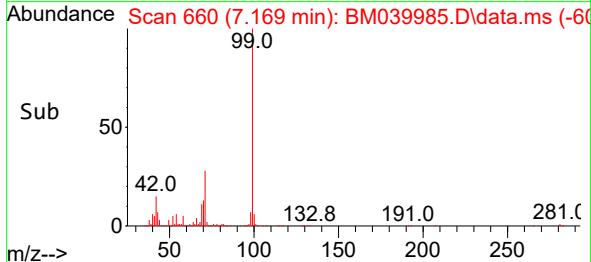
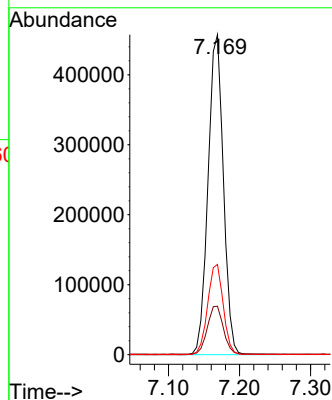
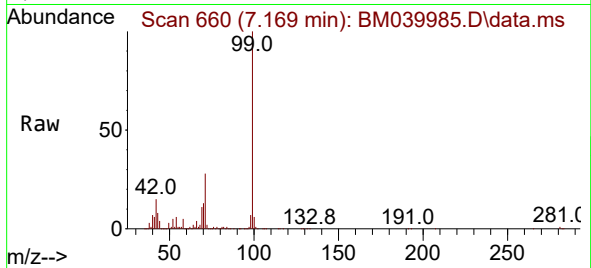




#7  
Phenol-d6  
Concen: 22.994 ng  
RT: 7.169 min Scan# 660  
Delta R.T. -0.000 min  
Lab File: BM039985.D  
Acq: 24 May 2023 15:46

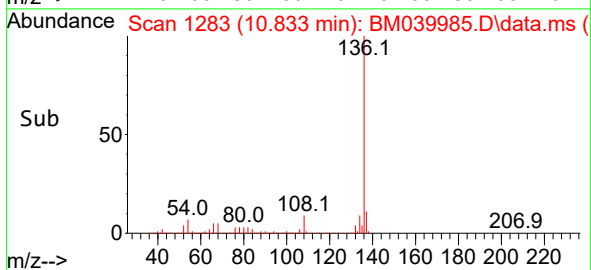
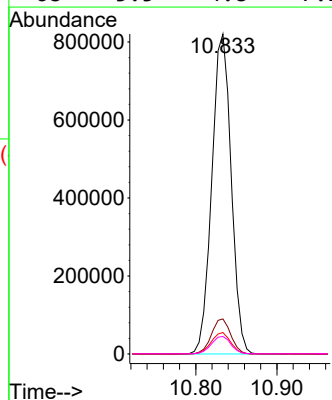
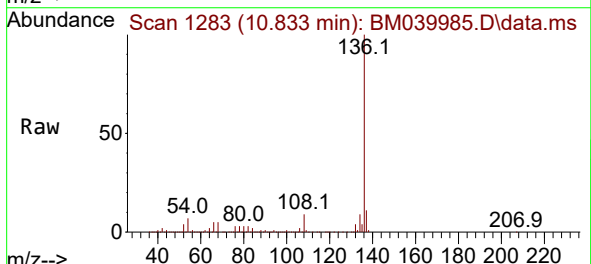
Instrument :  
BNA\_M  
ClientSampleId :  
WG-0516-B3-GW

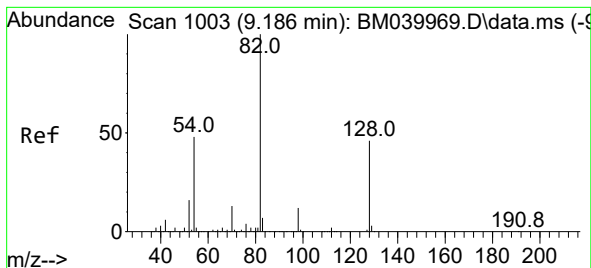
Tgt Ion: 99 Resp: 687113  
Ion Ratio Lower Upper  
99 100  
42 15.2 13.8 20.6  
71 28.2 24.4 36.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.833 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BM039985.D  
Acq: 24 May 2023 15:46

Tgt Ion: 136 Resp: 1357160  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 6.7 6.1 9.1  
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 83.006 ng

RT: 9.186 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

Instrument :

BNA\_M

ClientSampleId :

WG-0516-B3-GW

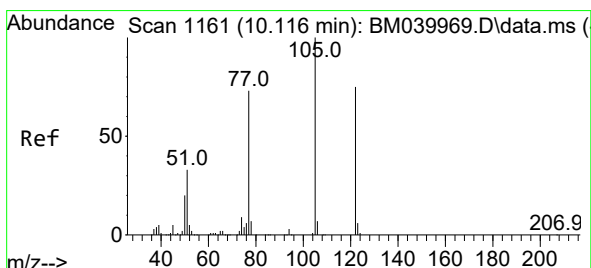
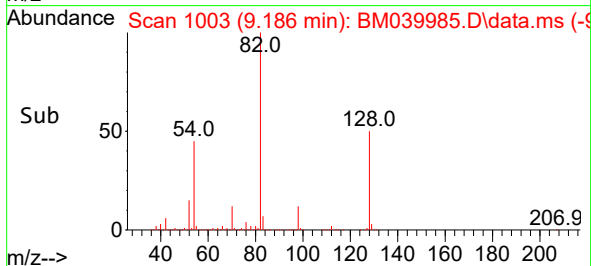
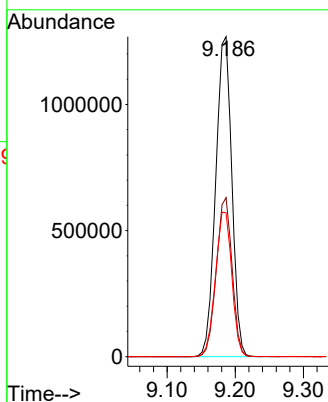
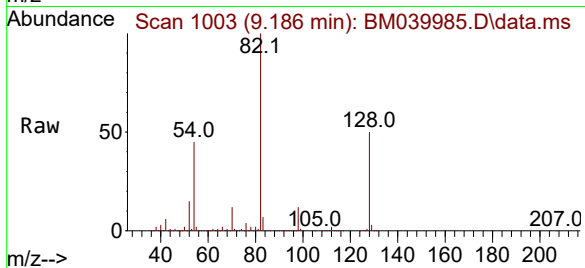
Tgt Ion: 82 Resp: 2087694

Ion Ratio Lower Upper

82 100

128 49.7 36.5 54.7

54 45.0 38.3 57.5



#32

Benzoic acid

Concen: 7.807 ng

RT: 10.128 min Scan# 1163

Delta R.T. 0.012 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

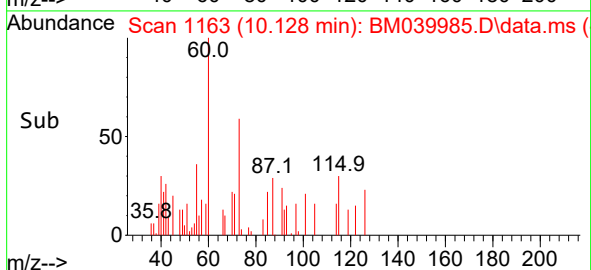
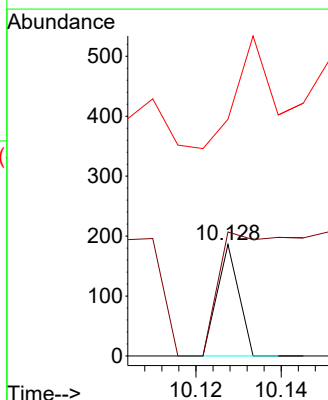
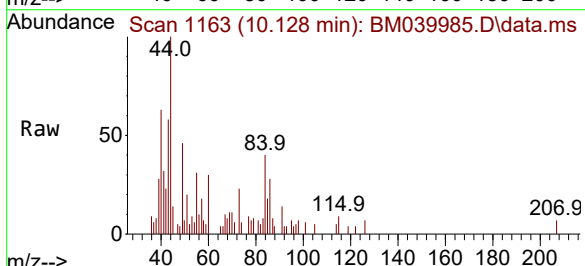
Tgt Ion:122 Resp: 66

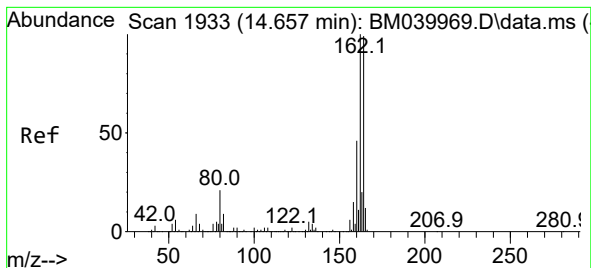
Ion Ratio Lower Upper

122 100

105 111.3 106.0 146.0

77 212.4 74.7 114.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.651 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

Instrument :

BNA\_M

ClientSampleId :

WG-0516-B3-GW

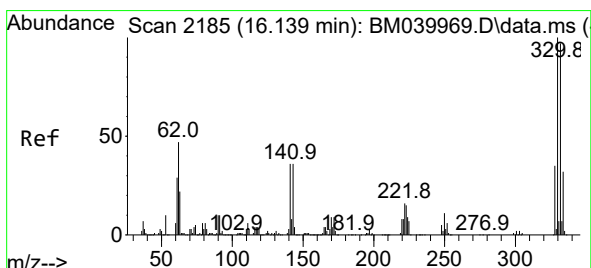
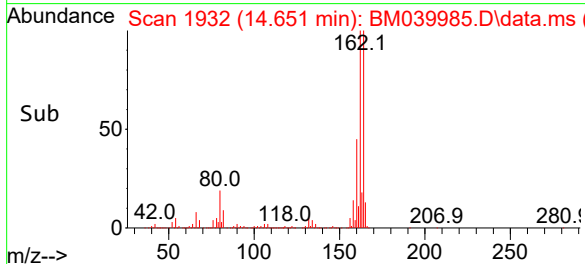
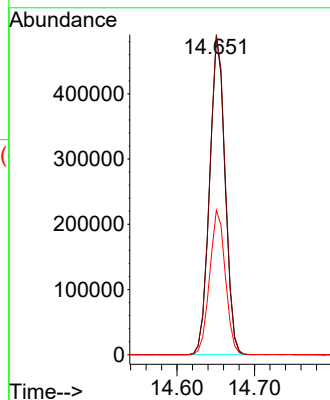
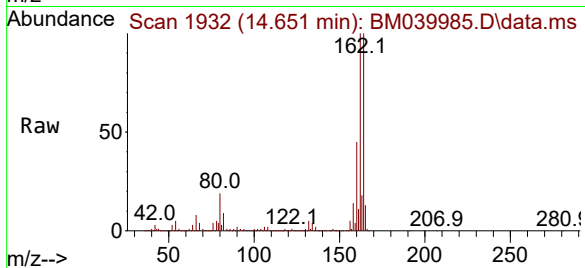
Tgt Ion:164 Resp: 672663

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 45.3 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 70.486 ng

RT: 16.133 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

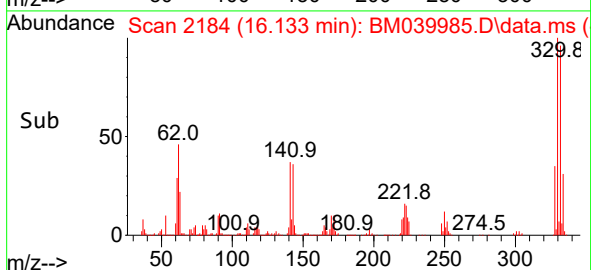
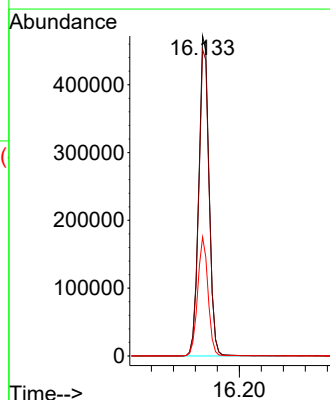
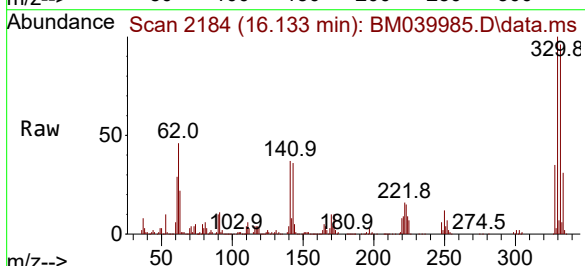
Tgt Ion:330 Resp: 615385

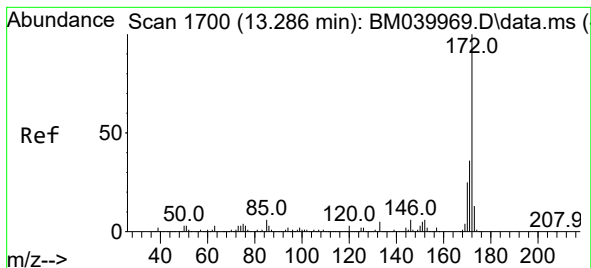
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 37.2 31.6 47.4

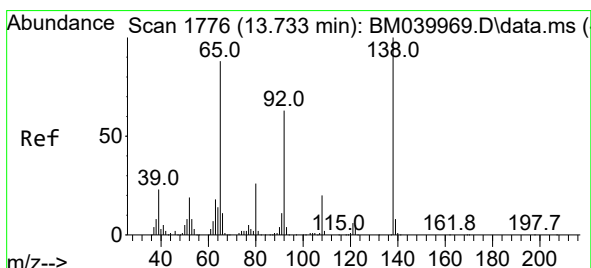
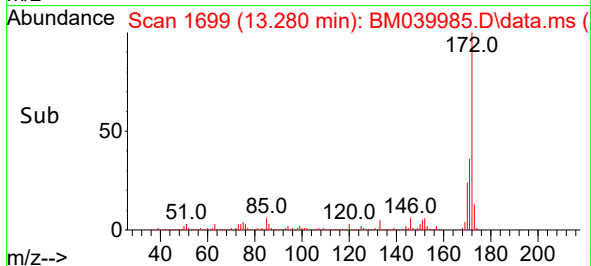
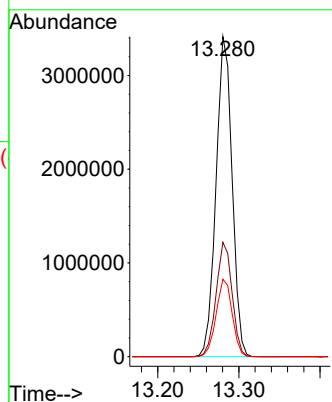
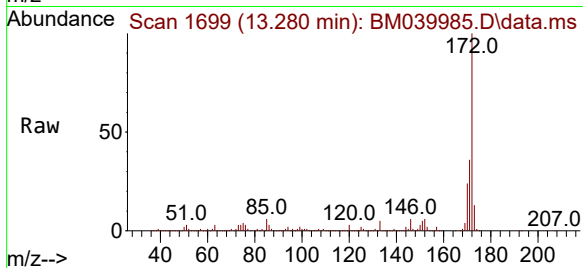




#45  
2-Fluorobiphenyl  
Concen: 82.430 ng  
RT: 13.280 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM039985.D  
Acq: 24 May 2023 15:46

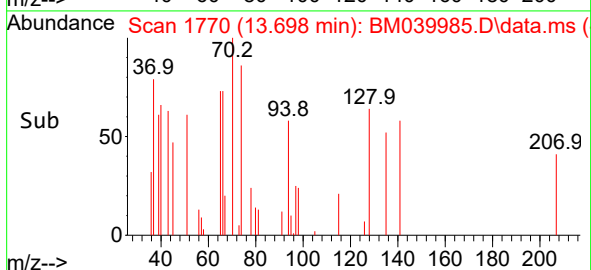
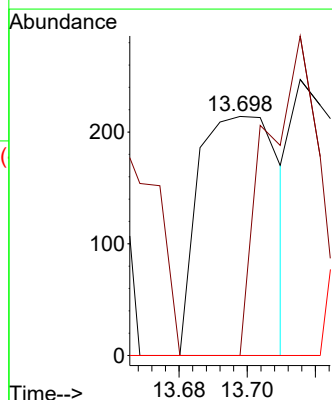
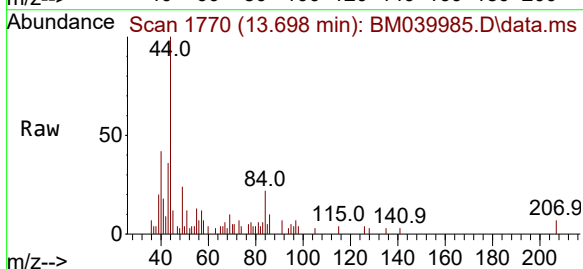
Instrument :  
BNA\_M  
ClientSampleId :  
WG-0516-B3-GW

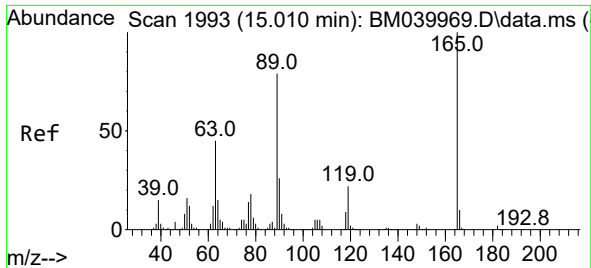
Tgt Ion:172 Resp: 4700983  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.8 43.2  
170 24.2 19.6 29.4



#48  
2-Nitroaniline  
Concen: 2.589 ng  
RT: 13.698 min Scan# 1770  
Delta R.T. -0.035 min  
Lab File: BM039985.D  
Acq: 24 May 2023 15:46

Tgt Ion: 65 Resp: 350  
Ion Ratio Lower Upper  
65 100  
92 0.0 57.0 85.6#  
138 0.0 91.1 136.7#





#57

2,4-Dinitrotoluene

Concen: 3.869 ng

RT: 14.998 min Scan# 1993

Delta R.T. -0.012 min

Lab File: BM039985.D

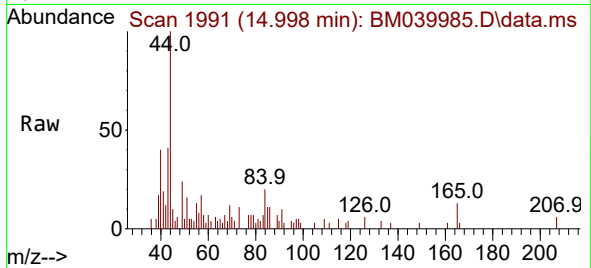
Acq: 24 May 2023 15:46

Instrument :

BNA\_M

ClientSampleId :

WG-0516-B3-GW



Tgt Ion:165 Resp: 1826

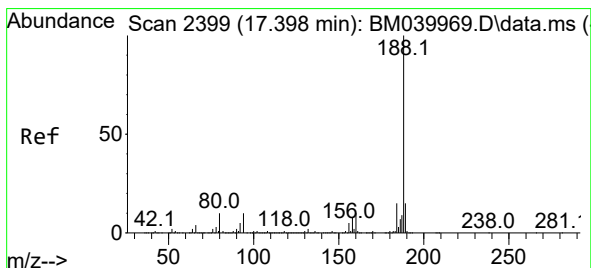
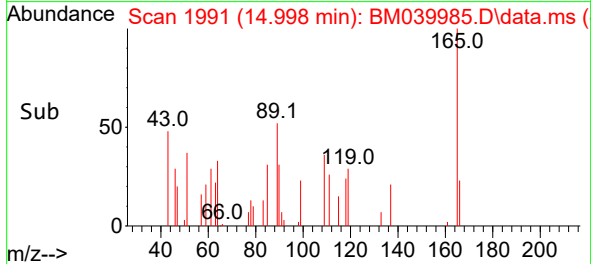
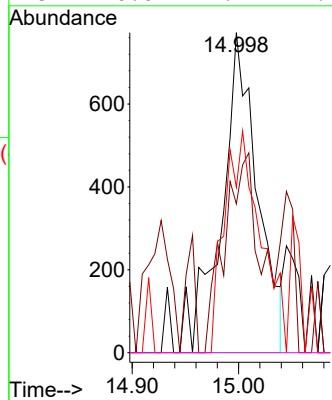
Ion Ratio Lower Upper

165 100

63 46.5 36.2 54.2

89 51.7 63.4 95.0#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

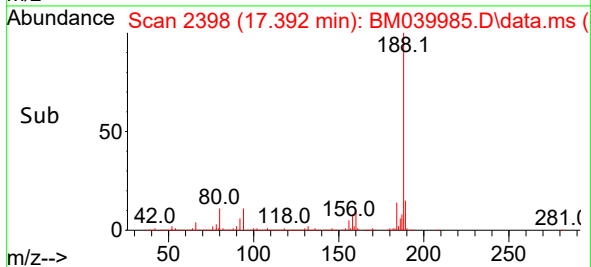
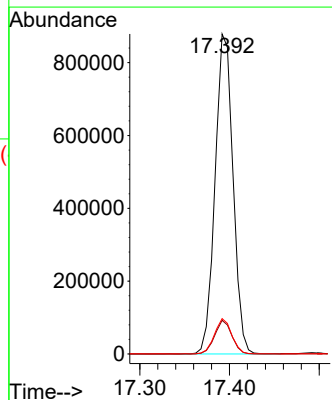
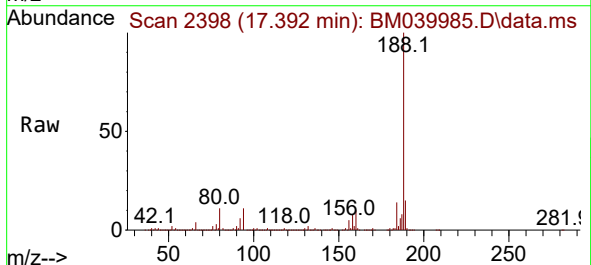
Tgt Ion:188 Resp: 1219184

Ion Ratio Lower Upper

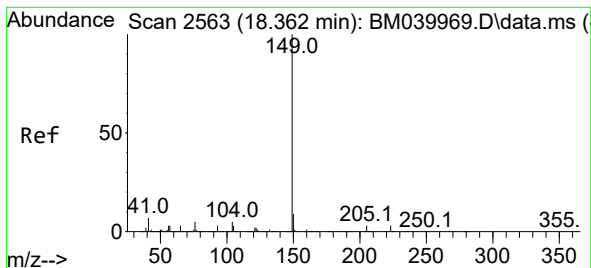
188 100

94 10.5 7.8 11.8

80 11.0 8.2 12.4







#74

Di-n-butylphthalate

Concen: 4.091 ng

RT: 18.362 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

Instrument :

BNA\_M

ClientSampleId :

WG-0516-B3-GW

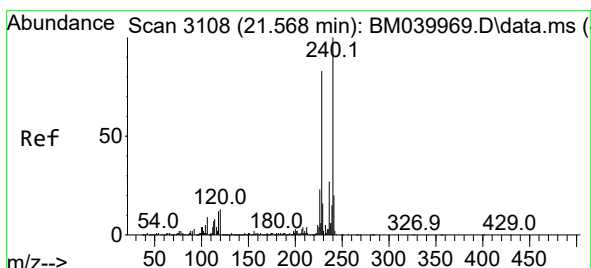
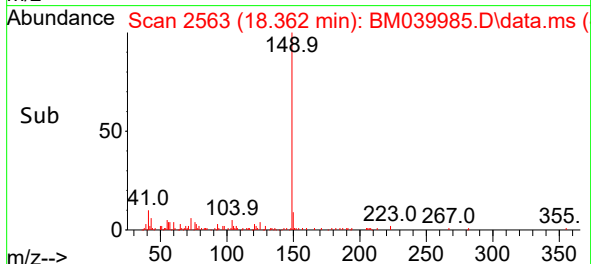
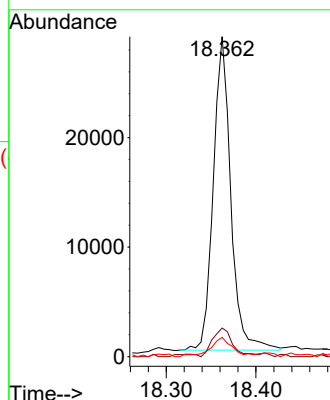
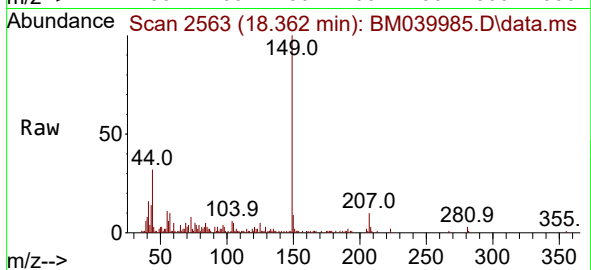
Tgt Ion:149 Resp: 38747

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 6.1 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM039985.D

Acq: 24 May 2023 15:46

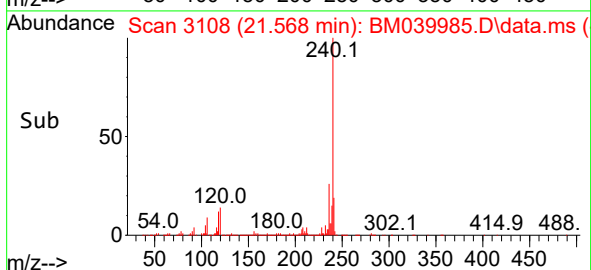
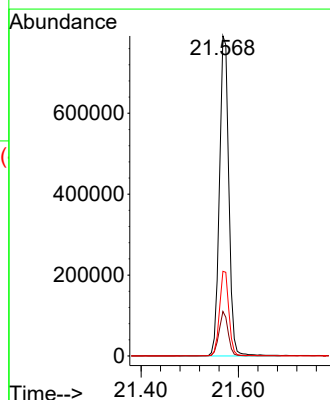
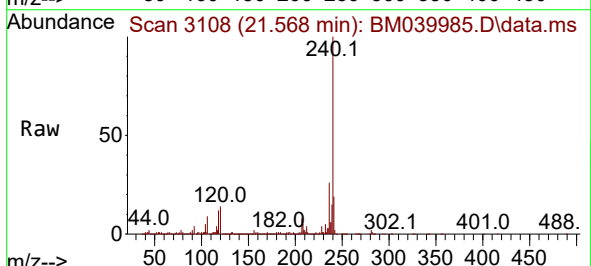
Tgt Ion:240 Resp: 1054003

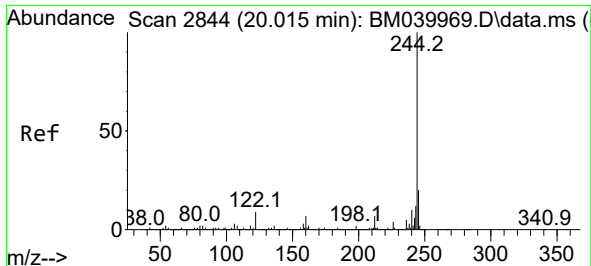
Ion Ratio Lower Upper

240 100

120 13.9 10.1 15.1

236 26.5 21.3 31.9

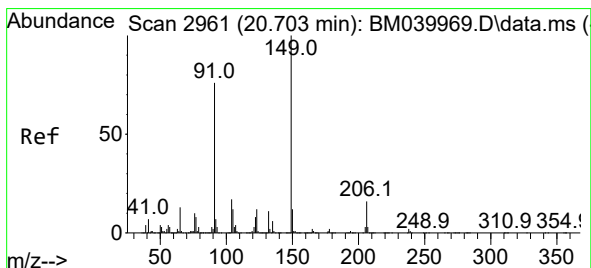
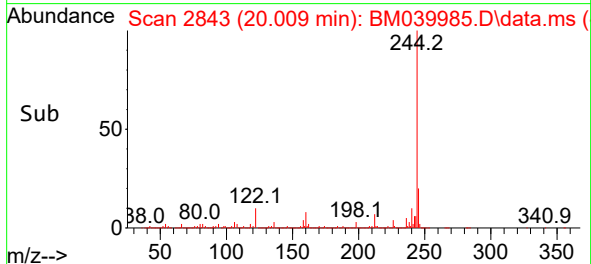
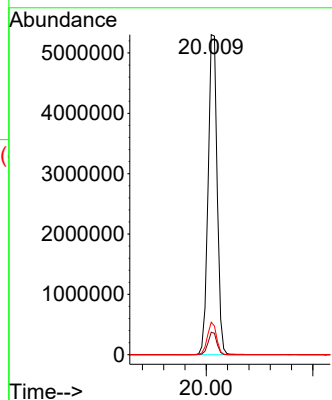
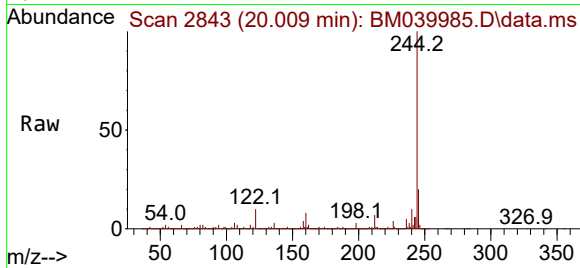




#79  
Terphenyl-d14  
Concen: 91.446 ng  
RT: 20.009 min Scan# 2843  
Delta R.T. -0.006 min  
Lab File: BM039985.D  
Acq: 24 May 2023 15:46

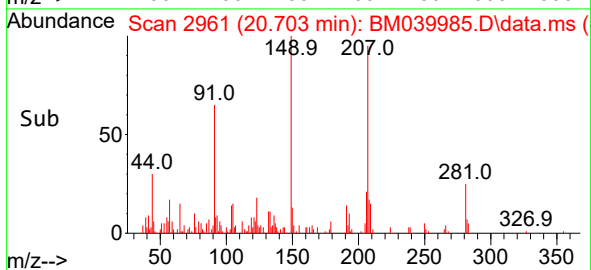
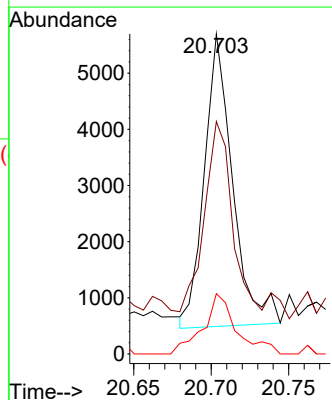
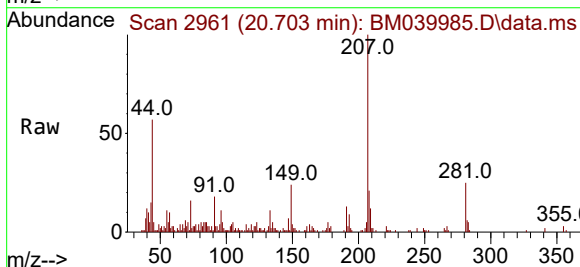
Instrument :  
BNA\_M  
ClientSampleId :  
WG-0516-B3-GW

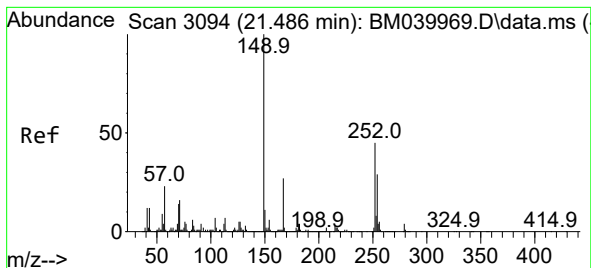
Tgt Ion:244 Resp: 6207532  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.4 8.0  
122 10.1 7.1 10.7



#80  
Butylbenzylphthalate  
Concen: 5.018 ng  
RT: 20.703 min Scan# 2961  
Delta R.T. 0.000 min  
Lab File: BM039985.D  
Acq: 24 May 2023 15:46

Tgt Ion:149 Resp: 6599  
Ion Ratio Lower Upper  
149 100  
91 72.6 61.0 91.4  
206 18.8 12.7 19.1

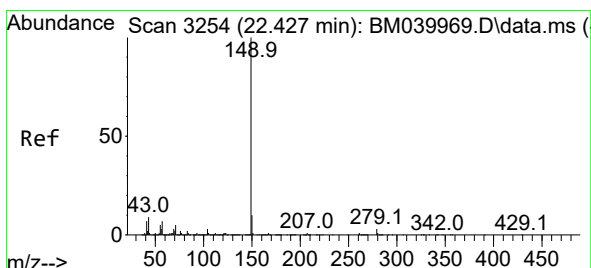
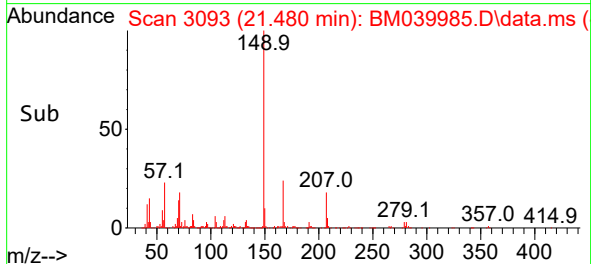
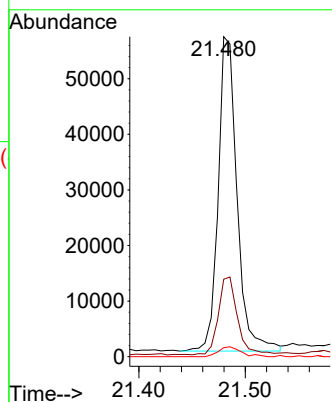
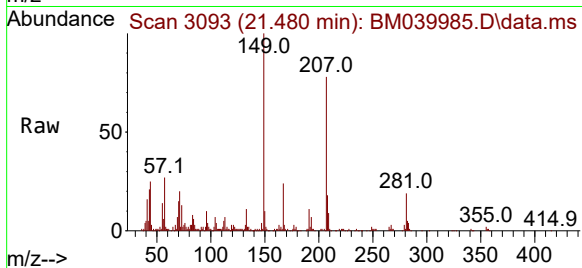




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.873 ng  
 RT: 21.480 min Scan# 3094  
 Delta R.T. -0.006 min  
 Lab File: BM039985.D  
 Acq: 24 May 2023 15:46

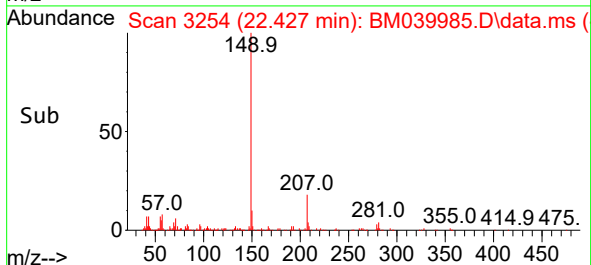
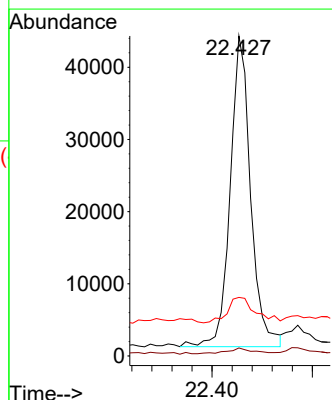
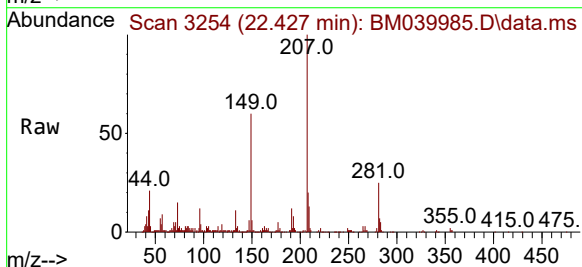
Instrument :  
 BNA\_M  
 ClientSampleId :  
 WG-0516-B3-GW

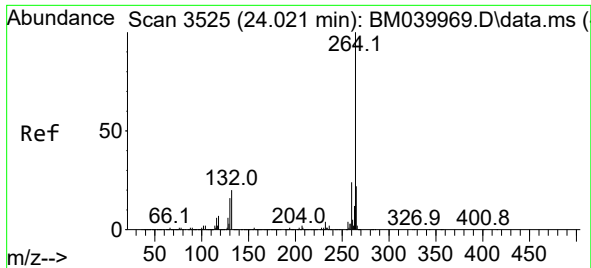
Tgt Ion:149 Resp: 69628  
 Ion Ratio Lower Upper  
 149 100  
 167 24.2 21.4 32.2  
 279 2.8 3.3 4.9#



#85  
 Di-n-octyl phthalate  
 Concen: 7.290 ng  
 RT: 22.427 min Scan# 3254  
 Delta R.T. -0.000 min  
 Lab File: BM039985.D  
 Acq: 24 May 2023 15:46

Tgt Ion:149 Resp: 61134  
 Ion Ratio Lower Upper  
 149 100  
 167 2.3 1.1 1.7#  
 43 11.0 7.4 11.0





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.021 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM039985.D  
Acq: 24 May 2023 15:46

Instrument :  
BNA\_M  
ClientSampleId :  
WG-0516-B3-GW

Tgt Ion:264 Resp: 1125240  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 19.5  | 29.3  |
| 265 | 21.3  | 17.7  | 26.5  |

