

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021623\  
 Data File : BM038762.D  
 Acq On : 16 Feb 2023 18:08  
 Operator : CG/JU  
 Sample : 01538-16  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 STOCKPILE-COMP-6

Quant Time: Feb 17 06:11:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 06:10:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.910  | 152  | 28117    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.722 | 136  | 97987    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.557 | 164  | 57073    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.304 | 188  | 143767   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.480 | 240  | 137782   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.862 | 264  | 18525    | 20.000  | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 270744   | 188.627 | ng    | 0.00     |
| 7) Phenol-d6                | 7.087  | 99   | 290528   | 177.471 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.092  | 82   | 181431   | 105.171 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.051 | 330  | 165912   | 213.874 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.186 | 172  | 529113   | 118.027 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.921 | 244  | 1082904  | 138.695 | ng    | 0.00     |

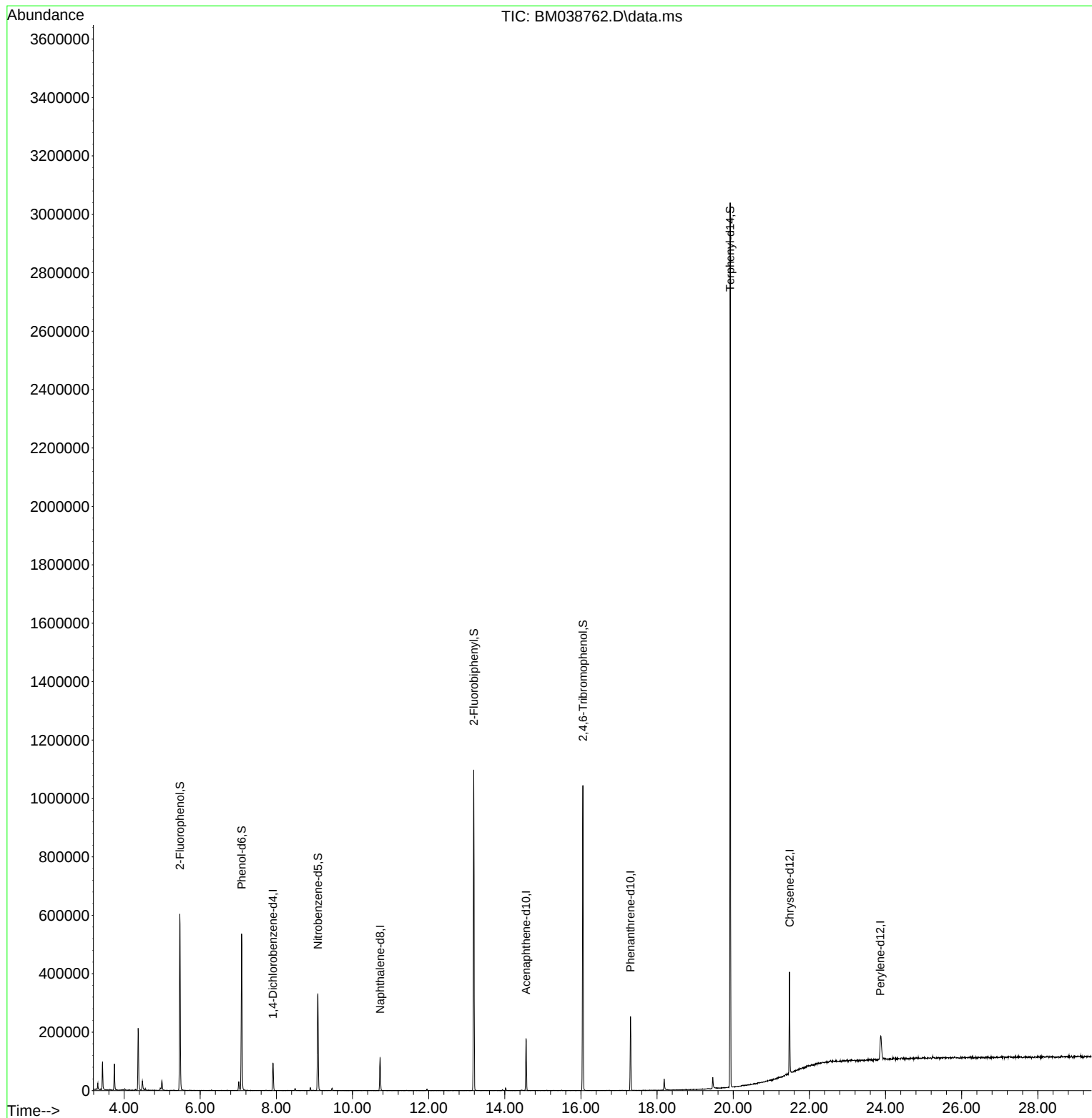
Target Compounds Qvalue

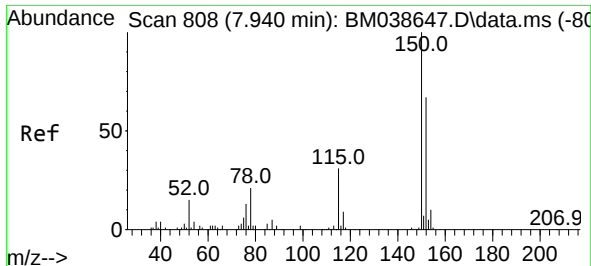
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021623\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 17 06:10:11 2023  
Response via : Initial Calibration

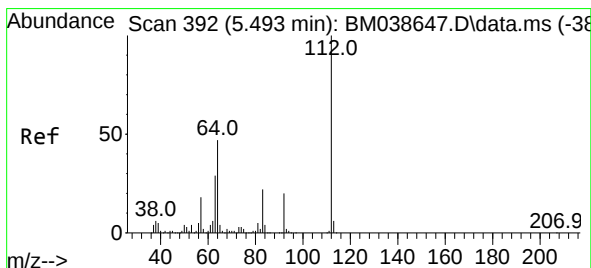
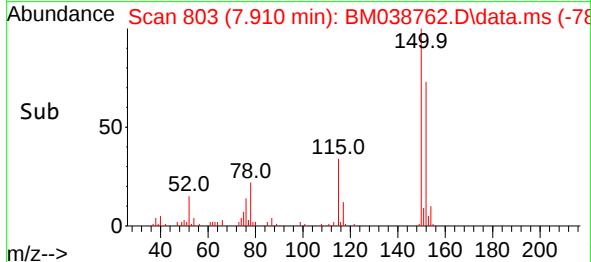
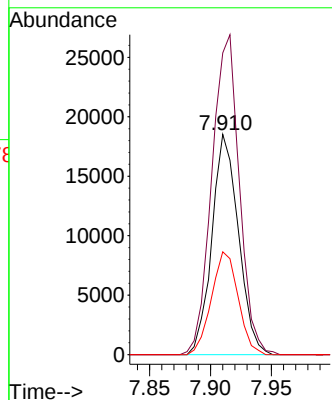
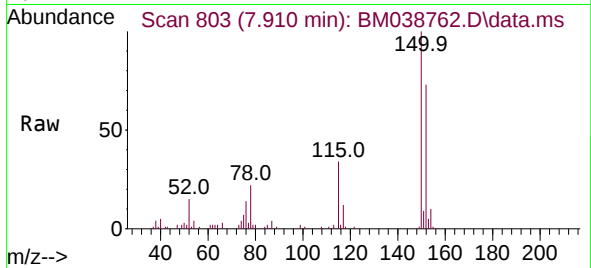




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.910 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BM038762.D  
Acq: 16 Feb 2023 18:08

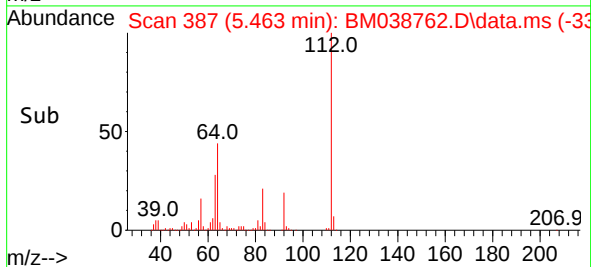
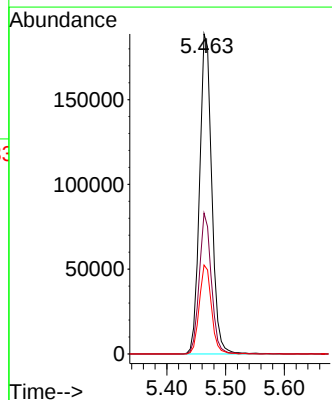
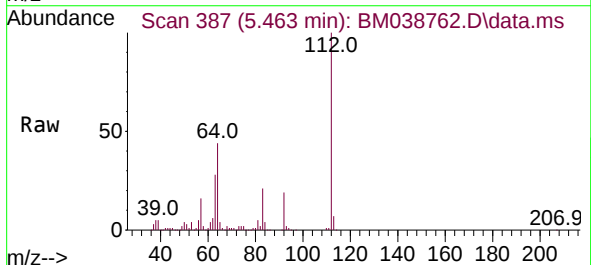
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BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

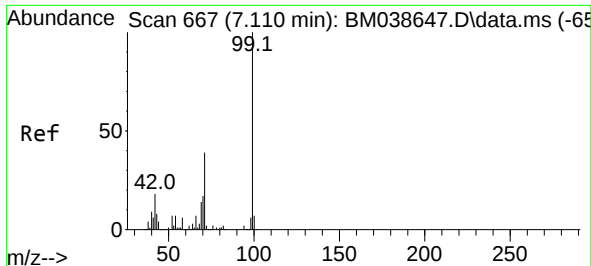
Tgt Ion:152 Resp: 28117  
Ion Ratio Lower Upper  
152 100  
150 137.0 119.5 179.3  
115 46.7 37.6 56.4



#5  
2-Fluorophenol  
Concen: 188.627 ng  
RT: 5.463 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: BM038762.D  
Acq: 16 Feb 2023 18:08

Tgt Ion:112 Resp: 270744  
Ion Ratio Lower Upper  
112 100  
64 44.0 37.9 56.9  
63 27.8 23.3 34.9

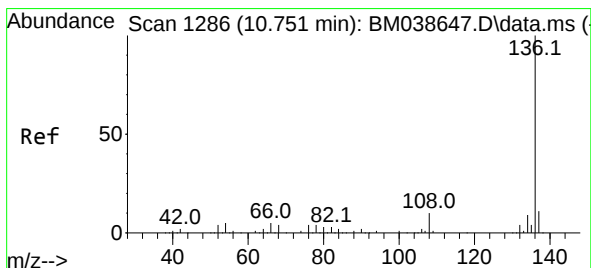
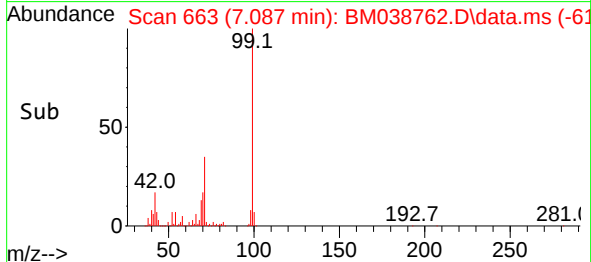
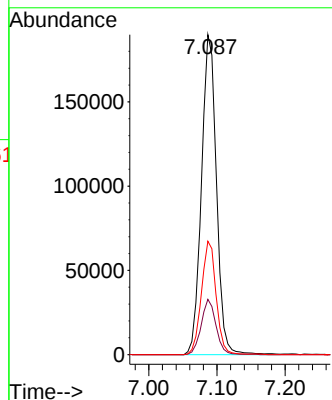
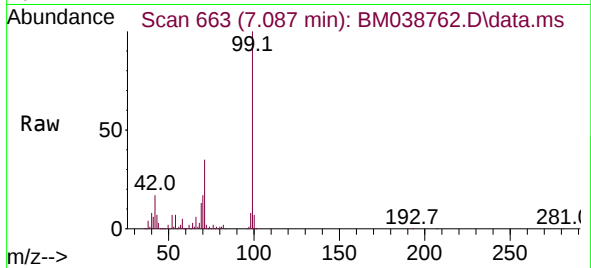




#7  
Phenol-d6  
Concen: 177.471 ng  
RT: 7.087 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BM038762.D  
Acq: 16 Feb 2023 18:08

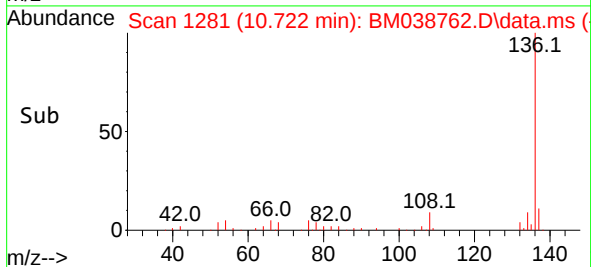
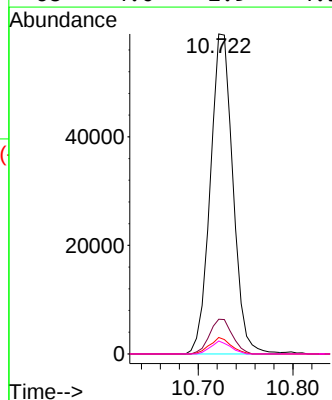
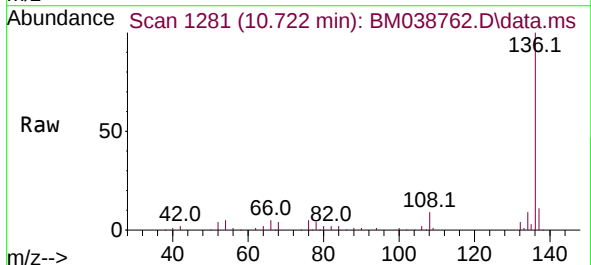
Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

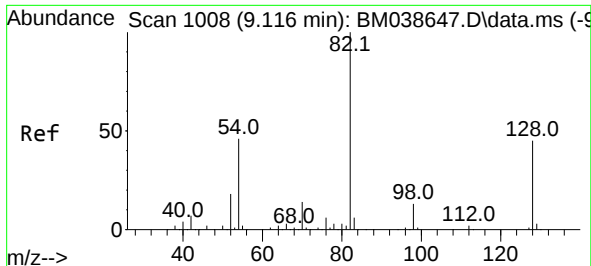
Tgt Ion: 99 Resp: 290528  
Ion Ratio Lower Upper  
99 100  
42 17.3 14.6 22.0  
71 35.4 31.0 46.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.722 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: BM038762.D  
Acq: 16 Feb 2023 18:08

Tgt Ion: 136 Resp: 97987  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 5.1 4.2 6.4  
68 4.0 2.9 4.3





#23

Nitrobenzene-d5

Concen: 105.171 ng

RT: 9.092 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BM038762.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA\_M

ClientSampleId :

STOCKPILE-COMP-6

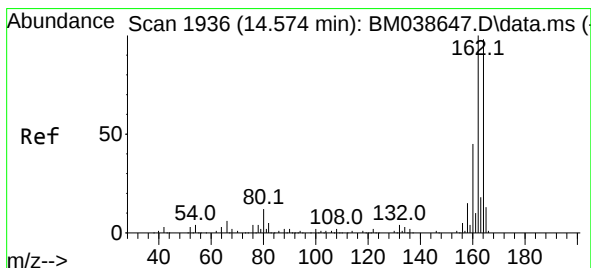
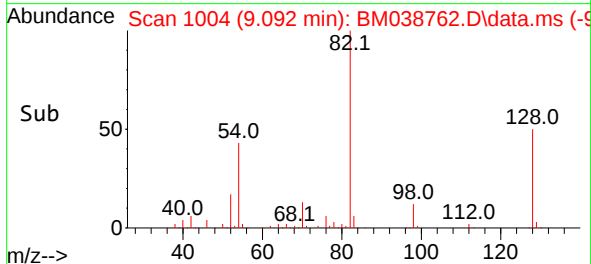
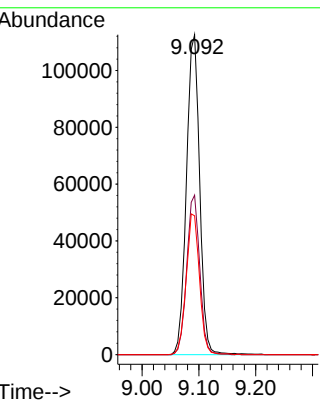
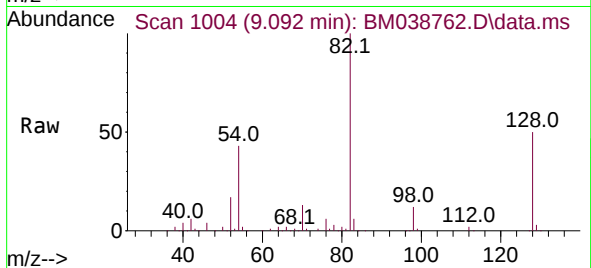
Tgt Ion: 82 Resp: 181431

Ion Ratio Lower Upper

82 100

128 49.8 36.0 54.0

54 43.4 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BM038762.D

Acq: 16 Feb 2023 18:08

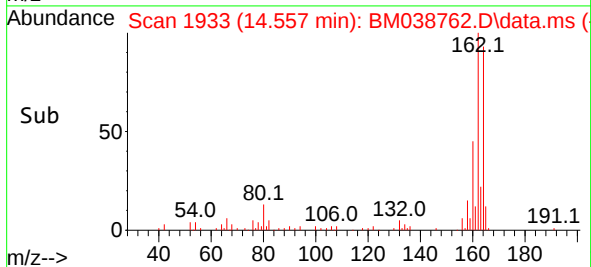
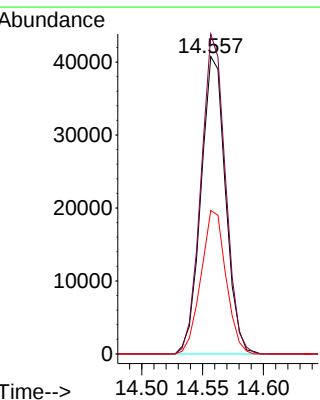
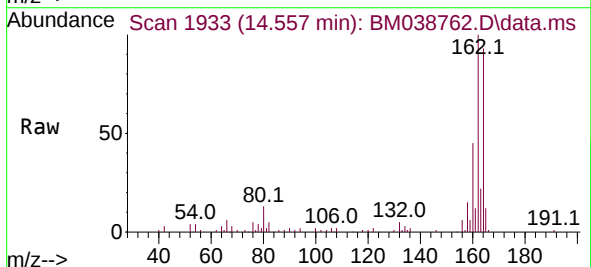
Tgt Ion:164 Resp: 57073

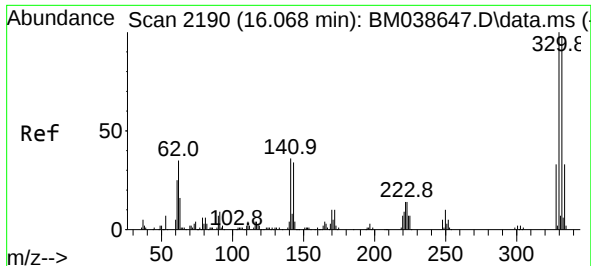
Ion Ratio Lower Upper

164 100

162 107.6 81.4 122.0

160 48.3 36.5 54.7

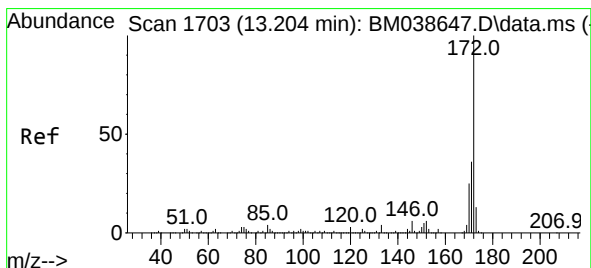
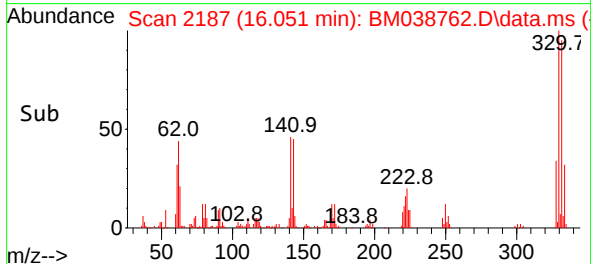
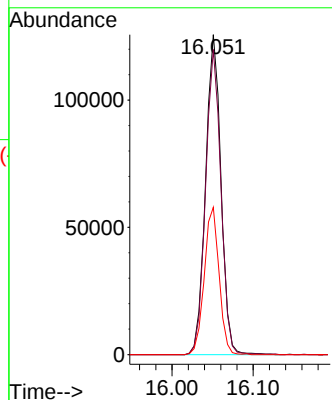
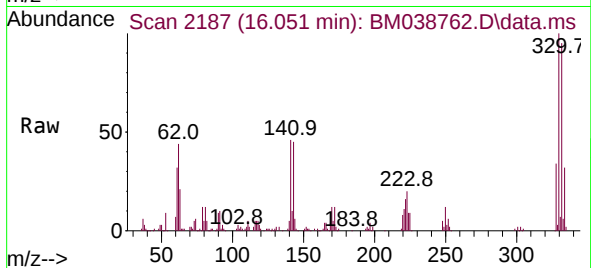




#42  
2,4,6-Tribromophenol  
Concen: 213.874 ng  
RT: 16.051 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM038762.D  
Acq: 16 Feb 2023 18:08

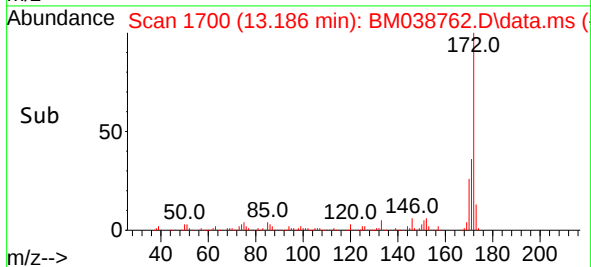
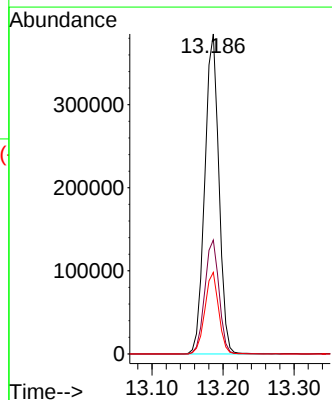
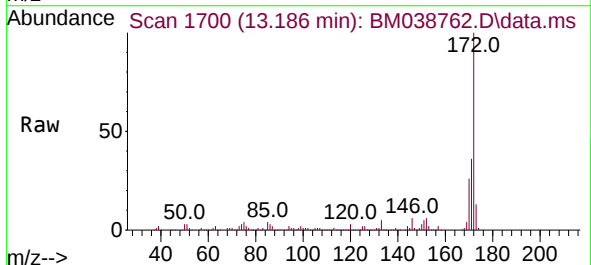
Instrument :  
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STOCKPILE-COMP-6

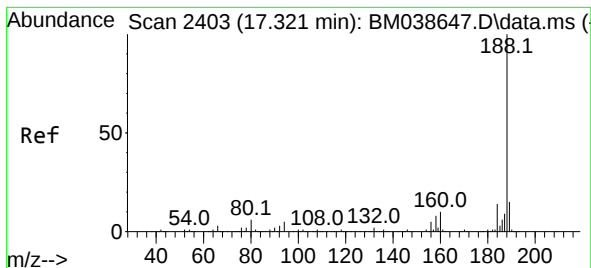
Tgt Ion:330 Resp: 165912  
Ion Ratio Lower Upper  
330 100  
332 95.0 77.8 116.6  
141 44.3 31.0 46.6



#45  
2-Fluorobiphenyl  
Concen: 118.027 ng  
RT: 13.186 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: BM038762.D  
Acq: 16 Feb 2023 18:08

Tgt Ion:172 Resp: 529113  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.7 43.1  
170 25.5 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM038762.D

Acq: 16 Feb 2023 18:08

Instrument :

BNA\_M

ClientSampleId :

STOCKPILE-COMP-6

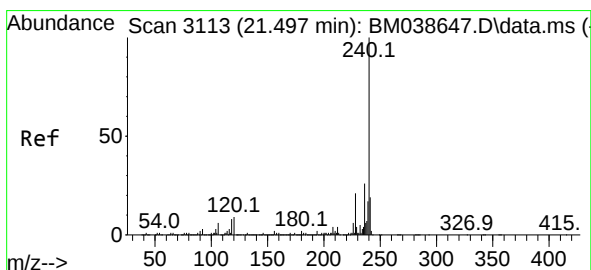
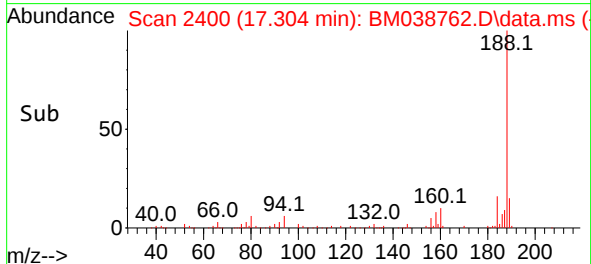
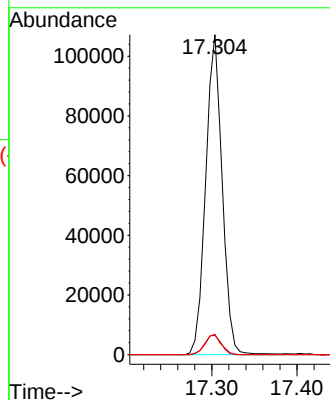
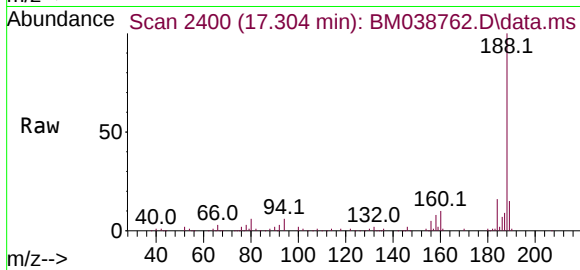
Tgt Ion:188 Resp: 143767

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

80 6.4 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.480 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM038762.D

Acq: 16 Feb 2023 18:08

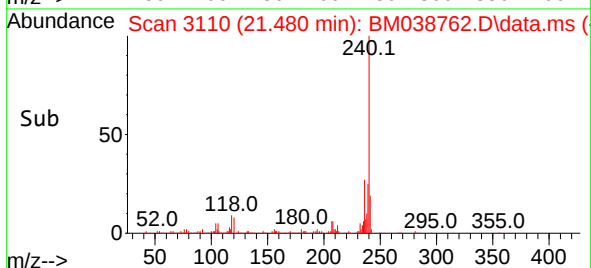
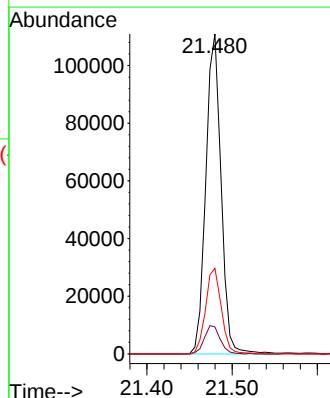
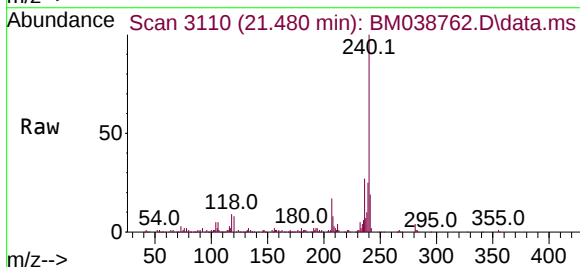
Tgt Ion:240 Resp: 137782

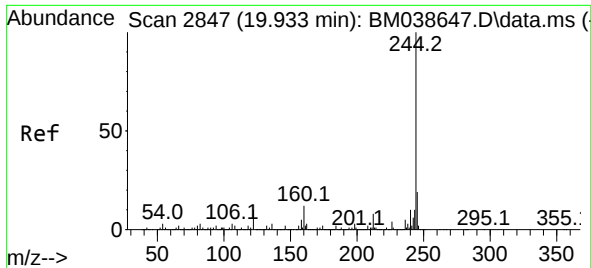
Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.4

236 26.7 20.9 31.3

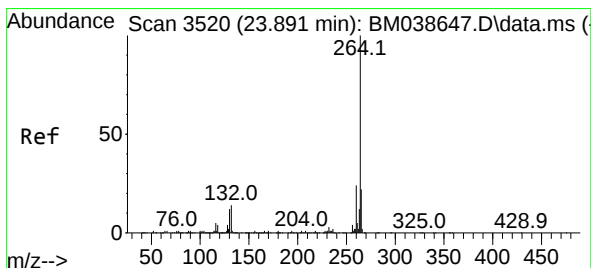
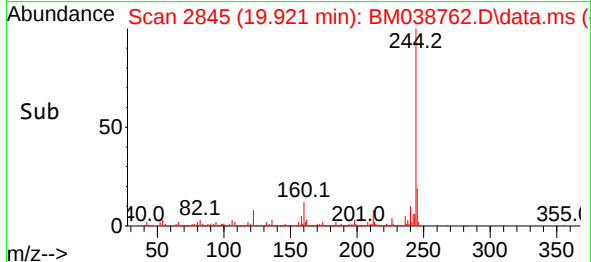
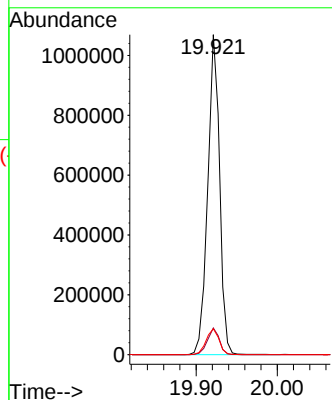
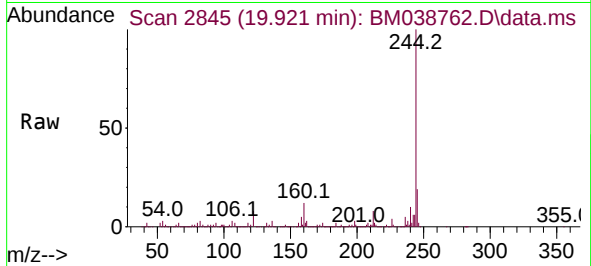




#79  
 Terphenyl-d14  
 Concen: 138.695 ng  
 RT: 19.921 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM038762.D  
 Acq: 16 Feb 2023 18:08

Instrument :  
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Tgt Ion:244 Resp: 1082904  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.6 9.8  
 122 8.1 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.862 min Scan# 3515  
 Delta R.T. -0.006 min  
 Lab File: BM038762.D  
 Acq: 16 Feb 2023 18:08

Tgt Ion:264 Resp: 18525  
 Ion Ratio Lower Upper  
 264 100  
 260 58.7 19.6 29.4#  
 265 26.8 17.9 26.9

