

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
 Data File : BM038745.D  
 Acq On : 15 Feb 2023 13:11  
 Operator : CG/JU  
 Sample : 01538-15  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 15 14:01:19 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 15 02:07:17 2023  
 Response via : Initial Calibration

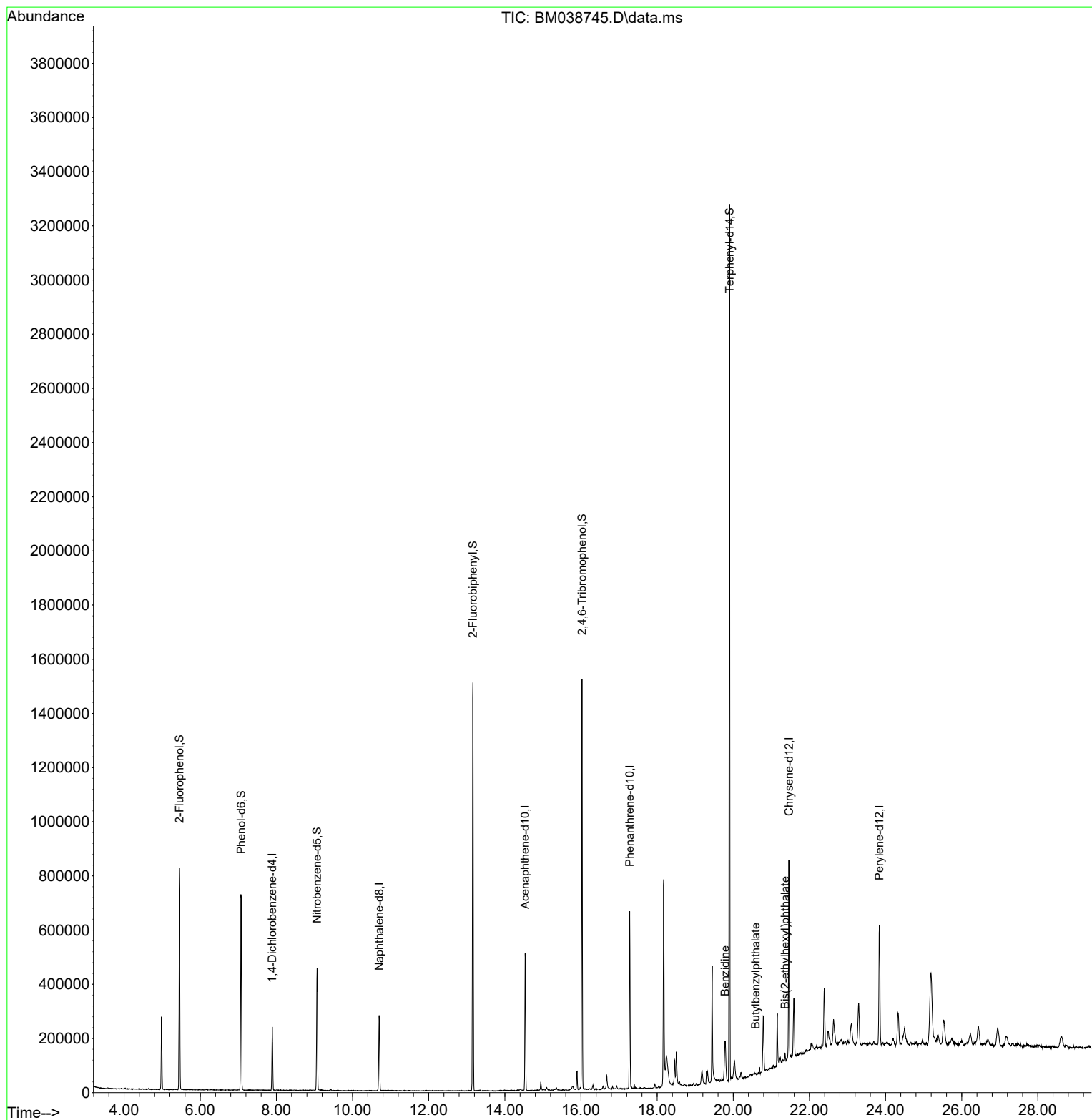
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.892  | 152  | 65267    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.698 | 136  | 227229   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.533 | 164  | 165272   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.280 | 188  | 368785   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.462 | 240  | 307380   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.838 | 264  | 318426   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 351780   | 105.583 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 407794   | 107.314 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.069  | 82   | 239105   | 59.769  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.027 | 330  | 241269   | 107.402 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.163 | 172  | 745046   | 57.391  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.903 | 244  | 1338251  | 76.829  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 77) Benzidine                 | 19.786 | 184  | 80       | 3.122   | ng    | # 1      |
| 80) Butylbenzylphthalate      | 20.586 | 149  | 693      | 2.001   | ng    | # 83     |
| 84) Bis(2-ethylhexyl)phtha... | 21.362 | 149  | 10513    | 2.090   | ng    | # 98     |
| -----                         |        |      |          |         |       |          |

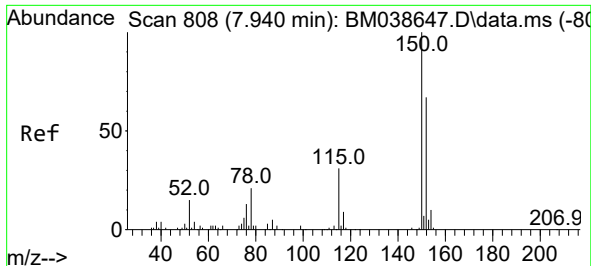
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
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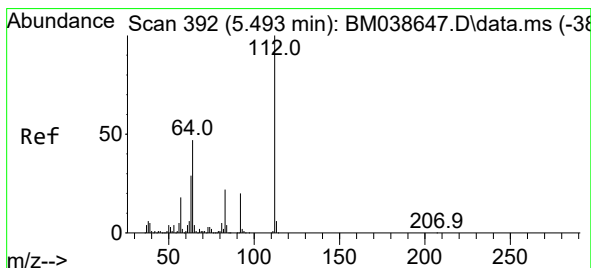
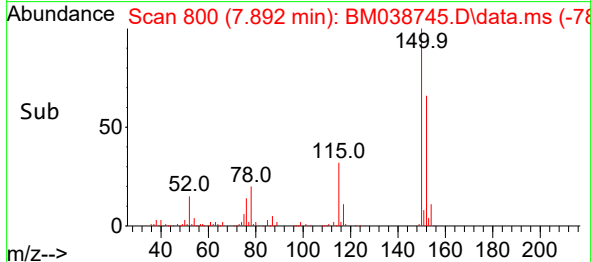
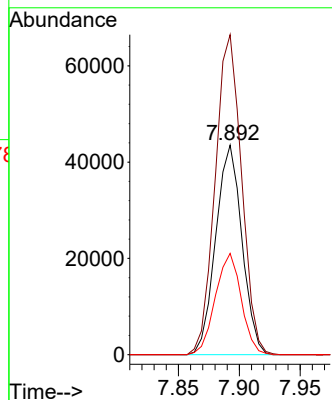
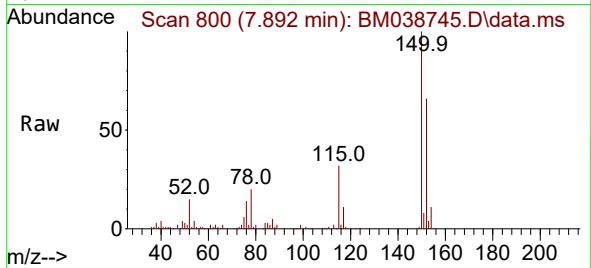




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.892 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

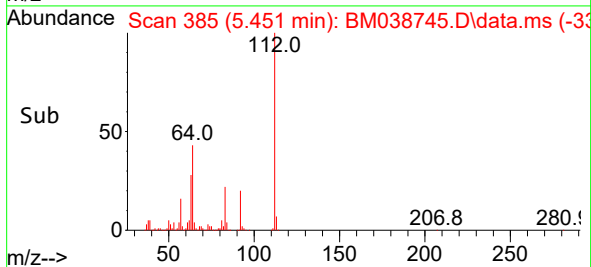
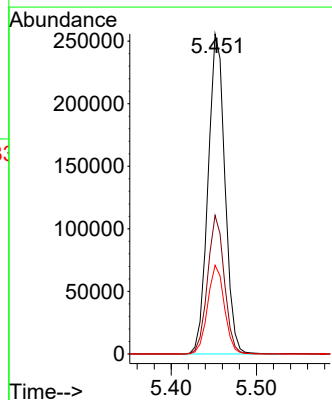
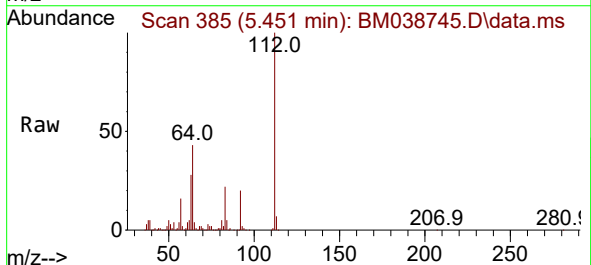
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BNA\_M  
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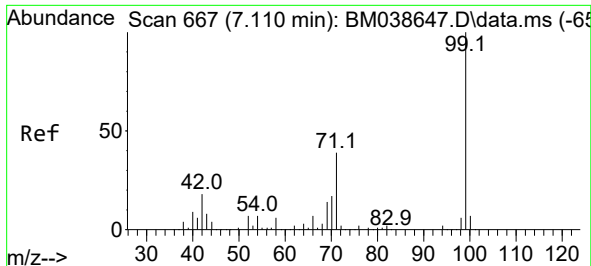
Tgt Ion:152 Resp: 65267  
Ion Ratio Lower Upper  
152 100  
150 152.6 119.5 179.3  
115 48.3 37.6 56.4



#5  
2-Fluorophenol  
Concen: 105.583 ng  
RT: 5.451 min Scan# 385  
Delta R.T. -0.006 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

Tgt Ion:112 Resp: 351780  
Ion Ratio Lower Upper  
112 100  
64 43.3 37.9 56.9  
63 27.7 23.3 34.9

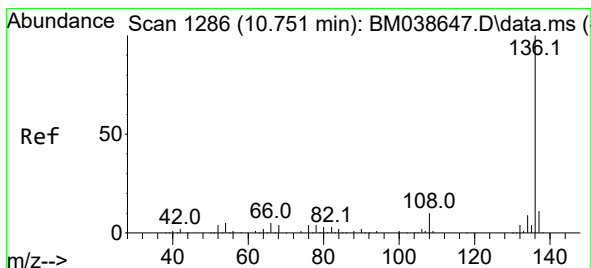
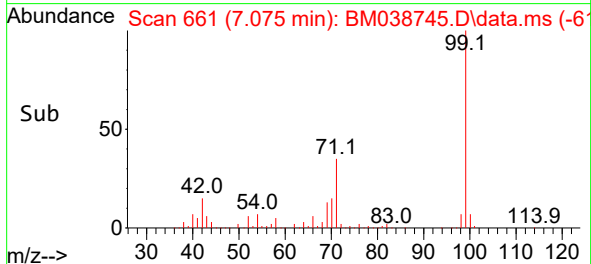
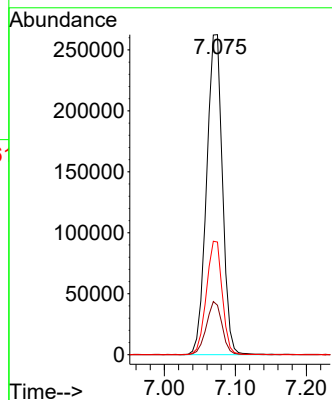
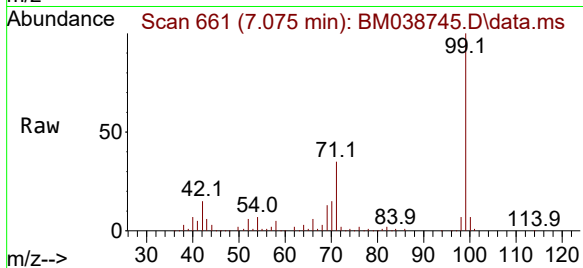




#7  
Phenol-d6  
Concen: 107.314 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

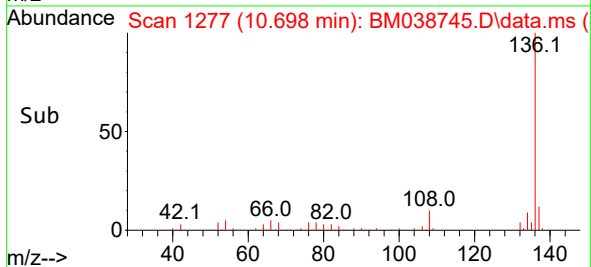
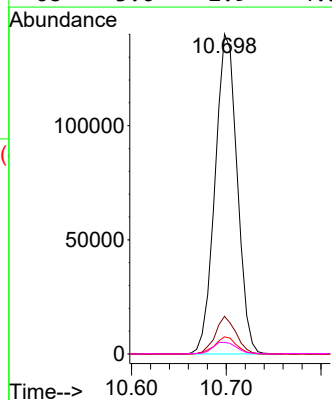
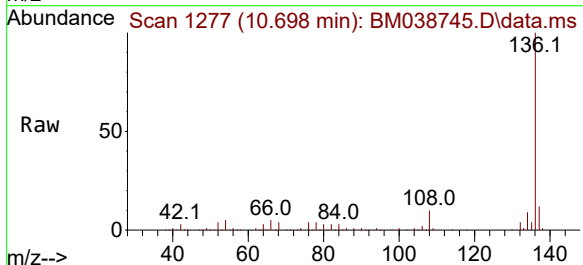
Instrument :  
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ClientSampleId :  
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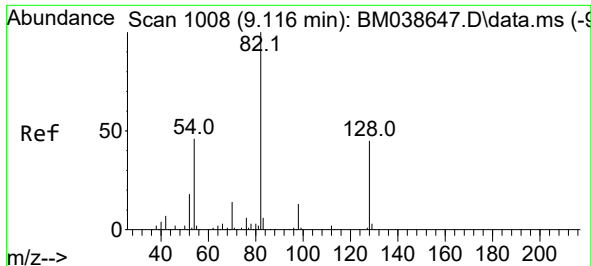
Tgt Ion: 99 Resp: 407794  
Ion Ratio Lower Upper  
99 100  
42 15.5 14.6 22.0  
71 35.2 31.0 46.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.698 min Scan# 1277  
Delta R.T. -0.012 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

Tgt Ion: 136 Resp: 227229  
Ion Ratio Lower Upper  
136 100  
137 11.8 8.8 13.2  
54 5.3 4.2 6.4  
68 3.6 2.9 4.3

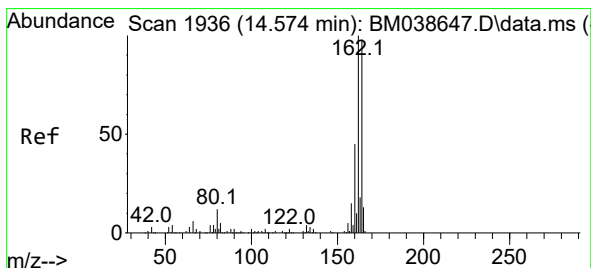
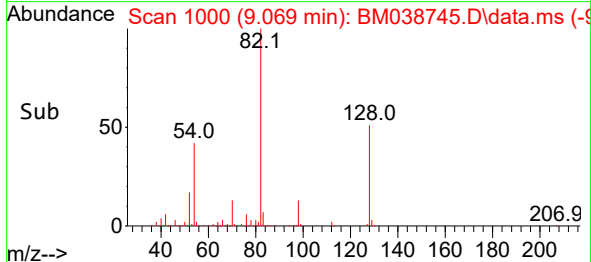
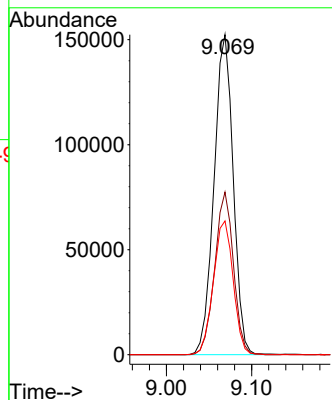
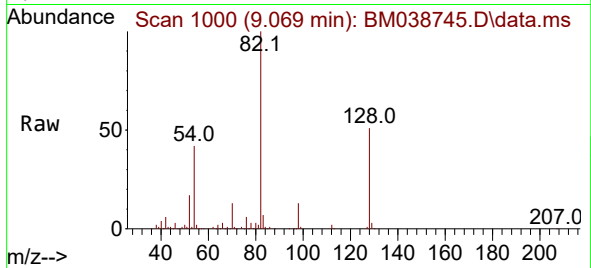




#23  
Nitrobenzene-d5  
Concen: 59.769 ng  
RT: 9.069 min Scan# 1000  
Delta R.T. -0.012 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

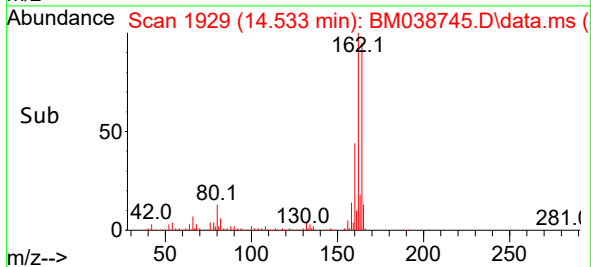
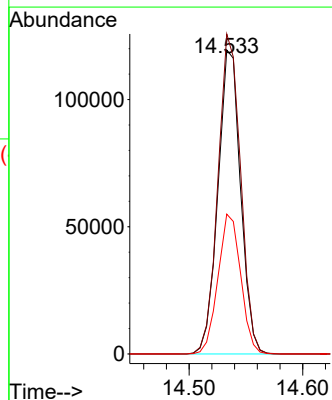
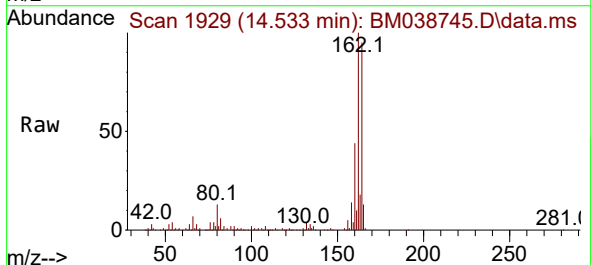
Instrument :  
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ClientSampleId :  
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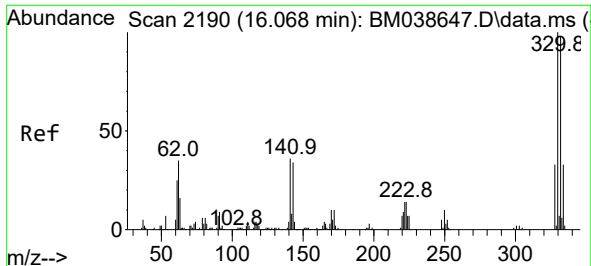
Tgt Ion: 82 Resp: 239105  
Ion Ratio Lower Upper  
82 100  
128 50.8 36.0 54.0  
54 41.8 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.533 min Scan# 1929  
Delta R.T. -0.012 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

Tgt Ion:164 Resp: 165272  
Ion Ratio Lower Upper  
164 100  
162 105.2 81.4 122.0  
160 46.0 36.5 54.7

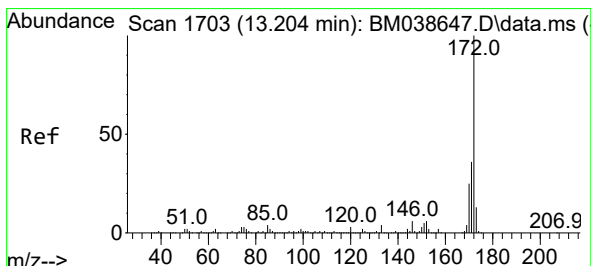
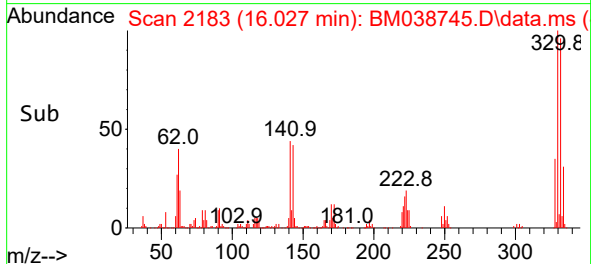
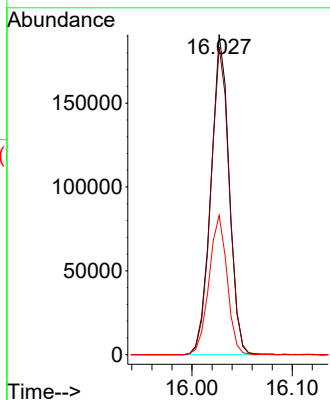
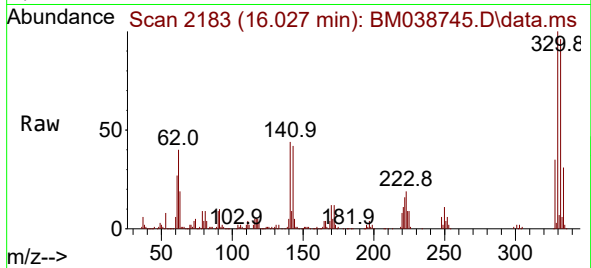




#42  
2,4,6-Tribromophenol  
Concen: 107.402 ng  
RT: 16.027 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

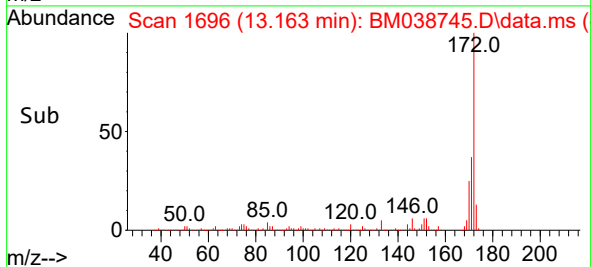
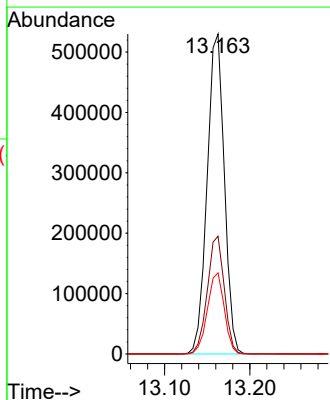
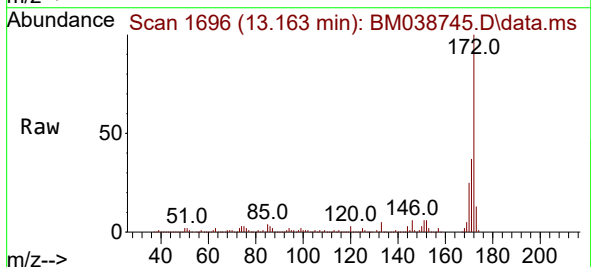
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STOCKPILE-COMP-6

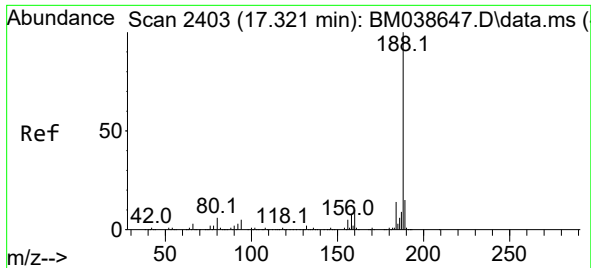
Tgt Ion:330 Resp: 241269  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.6  
141 43.1 31.0 46.6



#45  
2-Fluorobiphenyl  
Concen: 57.391 ng  
RT: 13.163 min Scan# 1696  
Delta R.T. -0.006 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

Tgt Ion:172 Resp: 745046  
Ion Ratio Lower Upper  
172 100  
171 36.8 28.7 43.1  
170 25.3 20.0 30.0

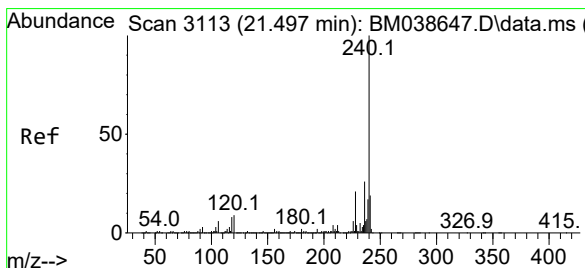
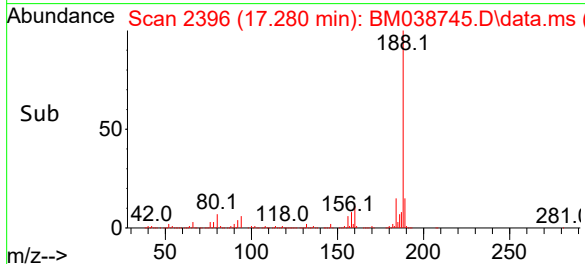
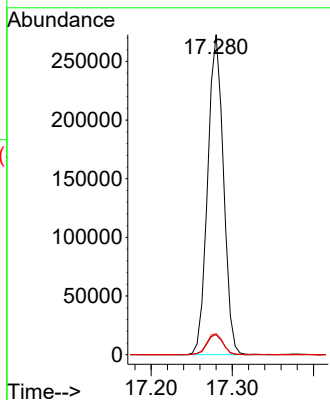
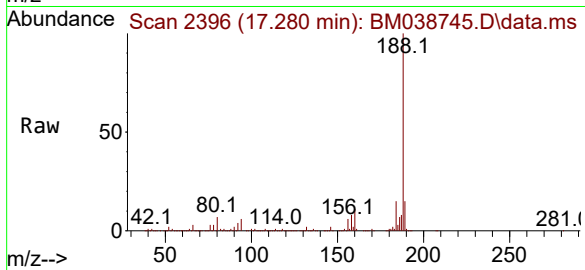




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.280 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

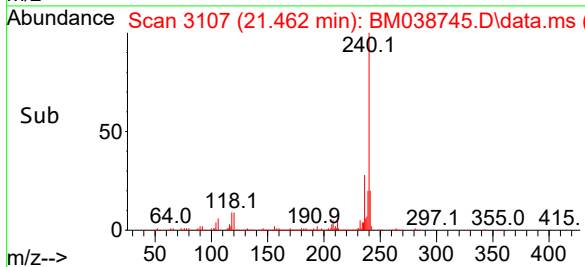
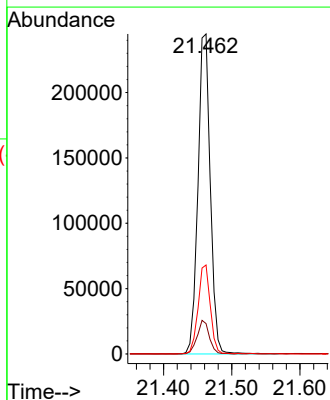
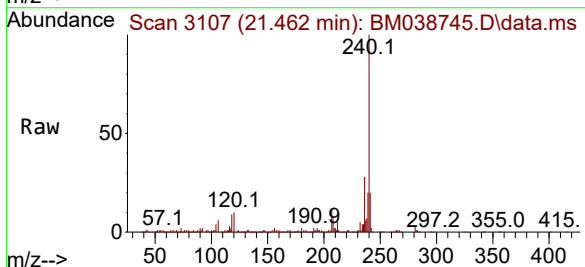
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STOCKPILE-COMP-6

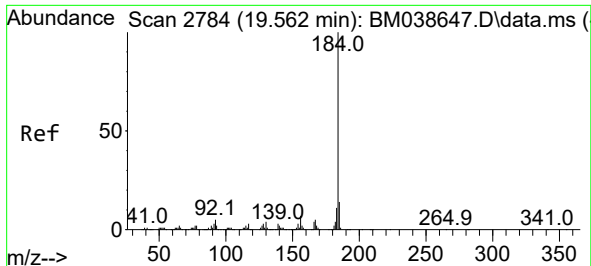
Tgt Ion:188 Resp: 368785  
Ion Ratio Lower Upper  
188 100  
94 6.3 4.2 6.4  
80 6.6 4.6 7.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.462 min Scan# 3107  
Delta R.T. 0.000 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

Tgt Ion:240 Resp: 307380  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.0 10.4  
236 27.8 20.9 31.3

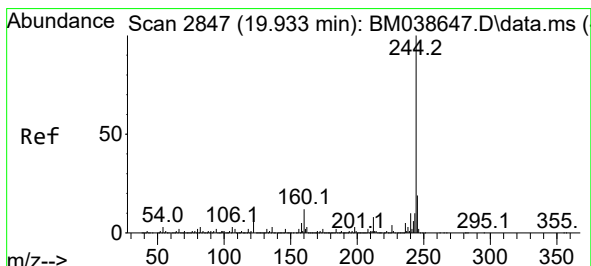
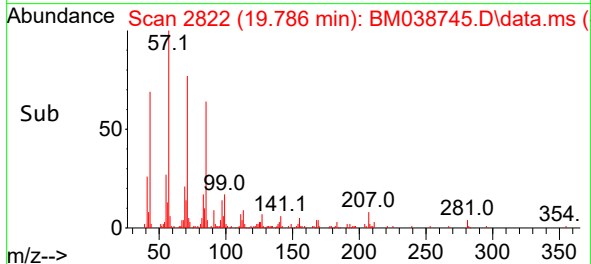
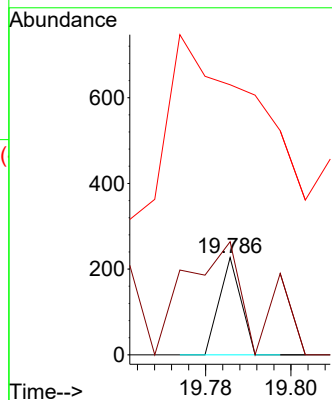
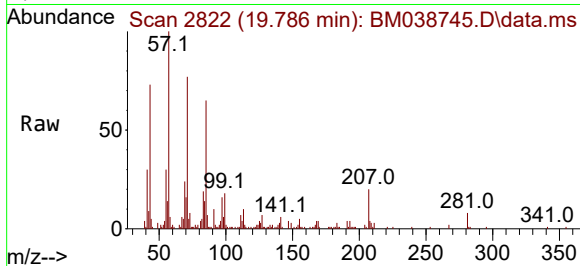




#77  
Benzidine  
Concen: 3.122 ng  
RT: 19.786 min Scan# 21  
Delta R.T. 0.253 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

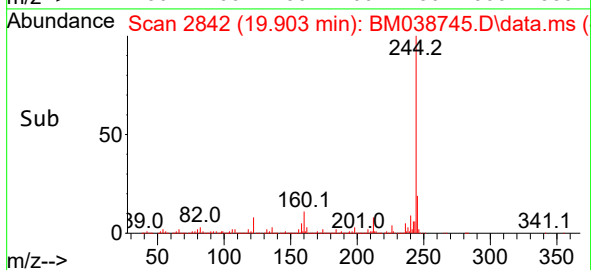
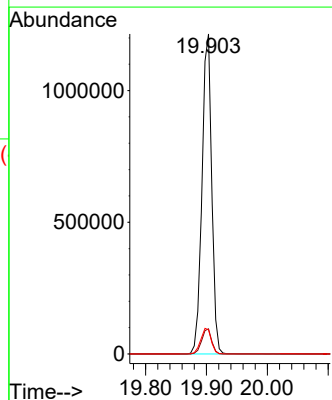
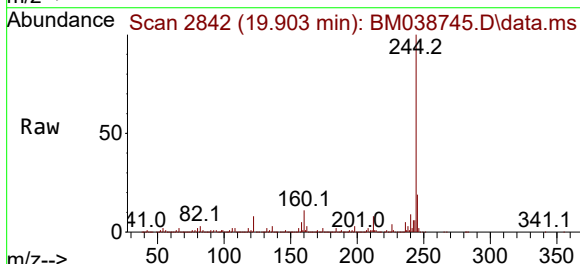
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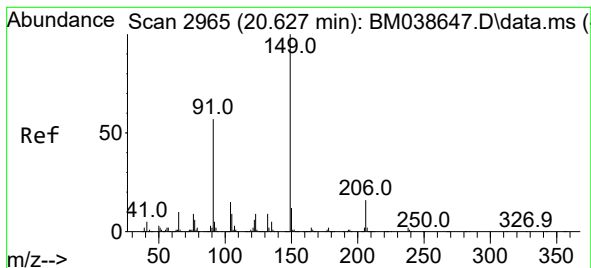
Tgt Ion:184 Resp: 80  
Ion Ratio Lower Upper  
184 100  
185 116.3 10.8 16.2#  
183 277.5 8.8 13.2#



#79  
Terphenyl-d14  
Concen: 76.829 ng  
RT: 19.903 min Scan# 2842  
Delta R.T. 0.000 min  
Lab File: BM038745.D  
Acq: 15 Feb 2023 13:11

Tgt Ion:244 Resp: 1338251  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.6 9.8  
122 7.6 7.8 11.8#





#80

Butylbenzylphthalate

Concen: 2.001 ng

RT: 20.586 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM038745.D

Acq: 15 Feb 2023 13:11

Instrument :

BNA\_M

ClientSampleId :

STOCKPILE-COMP-6

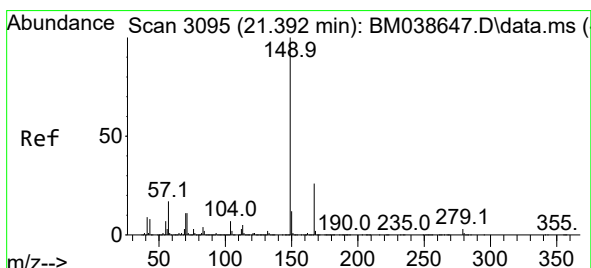
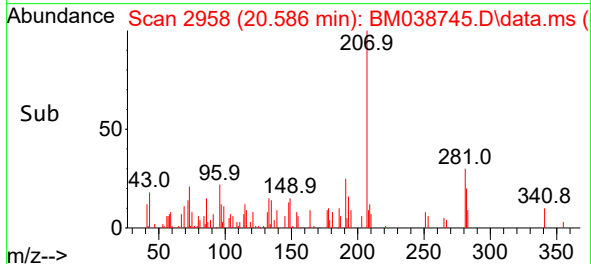
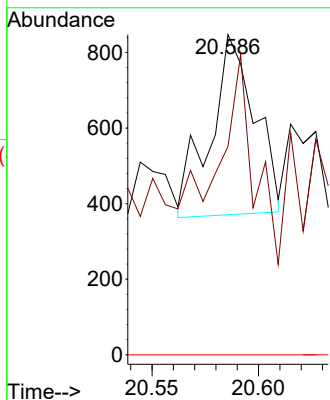
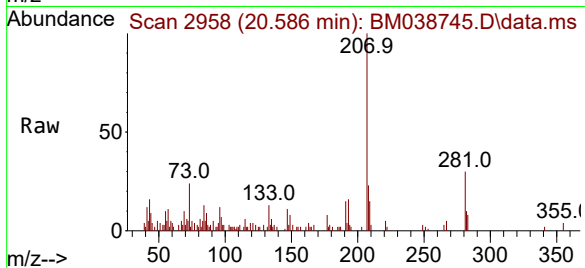
Tgt Ion:149 Resp: 693

Ion Ratio Lower Upper

149 100

91 65.1 45.6 68.4

206 0.0 12.5 18.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.090 ng

RT: 21.362 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM038745.D

Acq: 15 Feb 2023 13:11

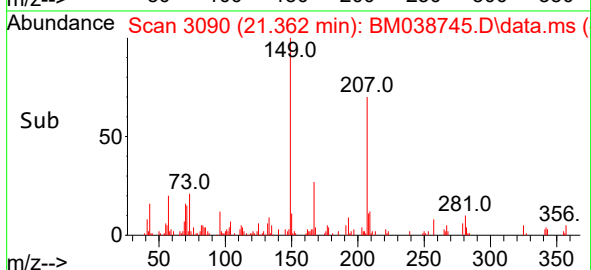
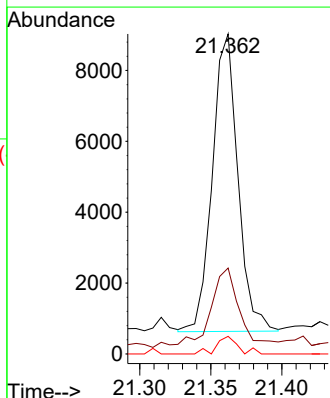
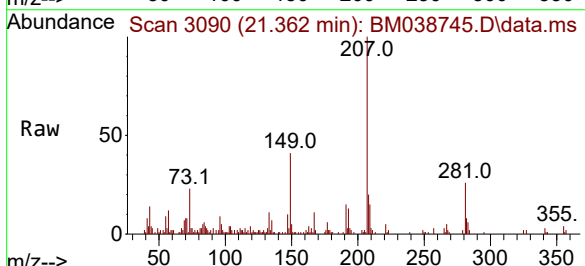
Tgt Ion:149 Resp: 10513

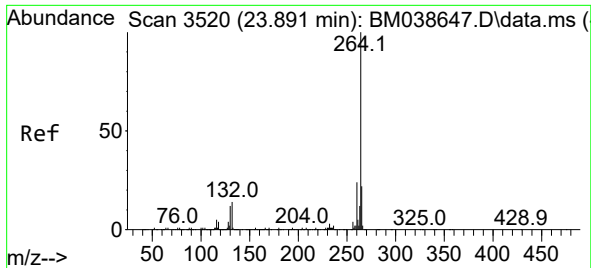
Ion Ratio Lower Upper

149 100

167 26.9 20.8 31.2

279 5.5 2.5 3.7#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.838 min Scan# 311  
 Delta R.T. 0.000 min  
 Lab File: BM038745.D  
 Acq: 15 Feb 2023 13:11

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

Tgt Ion:264 Resp: 318426  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.6 29.4  
 265 22.1 17.9 26.9

