

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081123\  
 Data File : BM041392.D  
 Acq On : 11 Aug 2023 18:07  
 Operator : MA/JU  
 Sample : 03955-10  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-25

Quant Time: Aug 11 18:44:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 17:51:06 2023  
 Response via : Initial Calibration

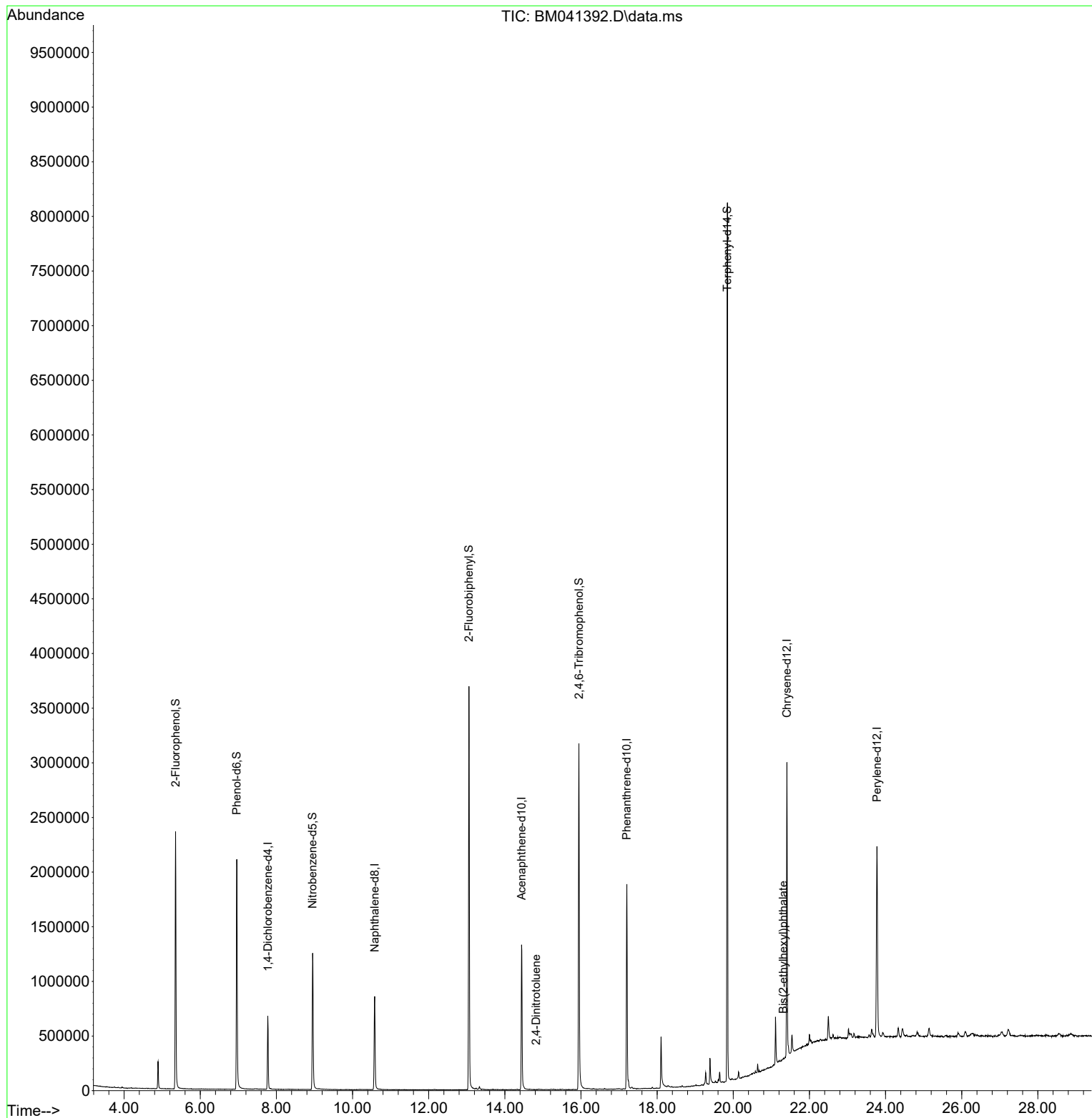
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 170501   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.581 | 136  | 715808   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.439 | 164  | 471229   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 1136106  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.409 | 240  | 1263348  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.774 | 264  | 1385385  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.351  | 112  | 944173   | 82.765 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.957  | 99   | 1215031  | 82.167 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.951  | 82   | 762742   | 49.554 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 595997   | 89.418 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.057 | 172  | 1842736  | 49.399 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.845 | 244  | 3712348  | 53.130 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 57) 2,4-Dinitrotoluene        | 14.821 | 165  | 73       | 2.677  | ng    | # 12     |
| 84) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 2830     | 2.591  | ng    | # 96     |
| -----                         |        |      |          |        |       |          |

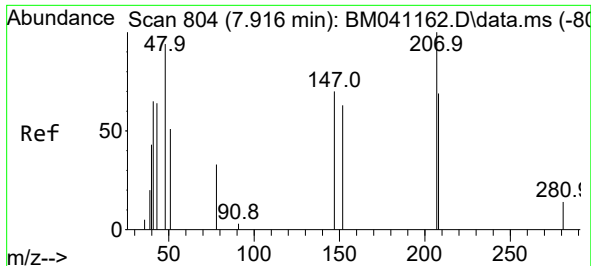
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081123\  
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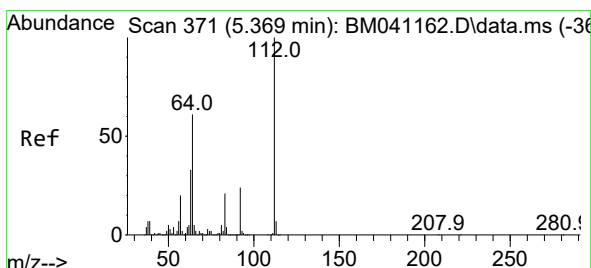
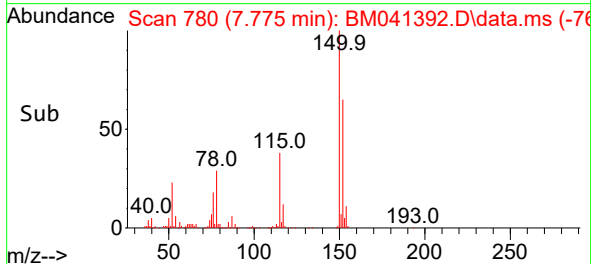
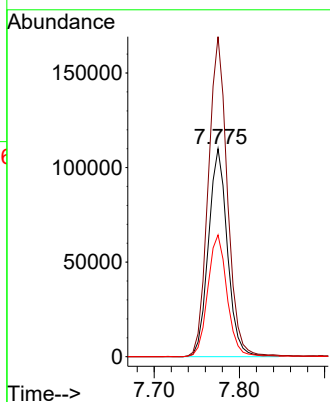
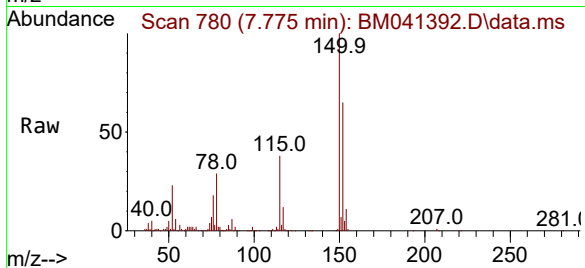




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.775 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

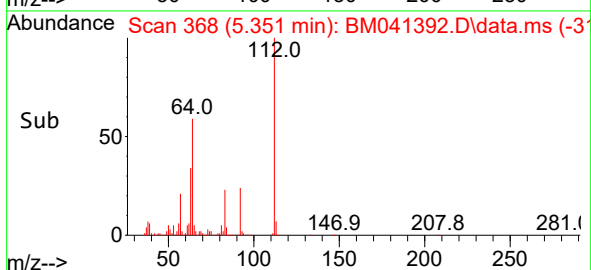
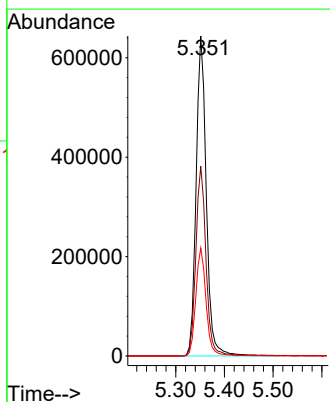
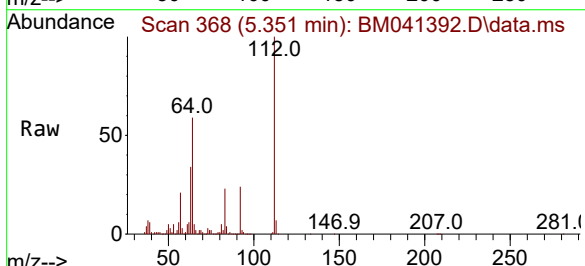
Instrument :  
BNA\_M  
ClientSampleId :  
WC-25

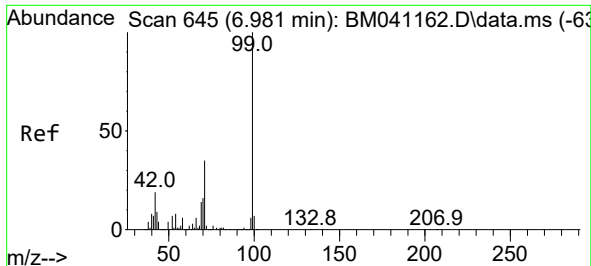
Tgt Ion:152 Resp: 170501  
Ion Ratio Lower Upper  
152 100  
150 153.8 125.5 188.3  
115 58.5 48.0 72.0



#5  
2-Fluorophenol  
Concen: 82.765 ng  
RT: 5.351 min Scan# 368  
Delta R.T. 0.006 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

Tgt Ion:112 Resp: 944173  
Ion Ratio Lower Upper  
112 100  
64 59.3 48.5 72.7  
63 33.8 26.5 39.7

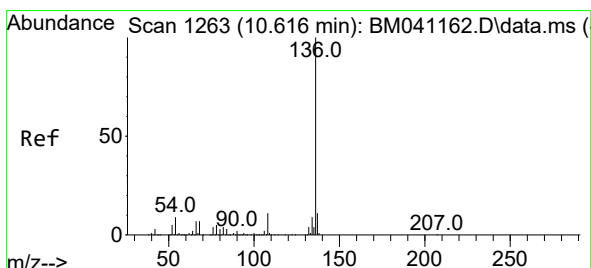
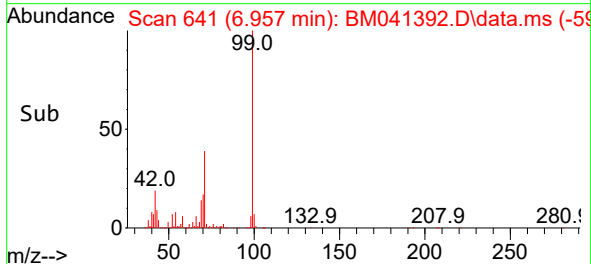
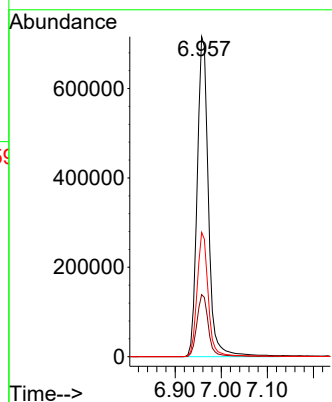
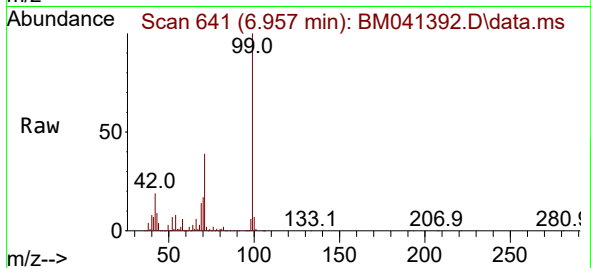




#7  
Phenol-d6  
Concen: 82.167 ng  
RT: 6.957 min Scan# 645  
Delta R.T. -0.000 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

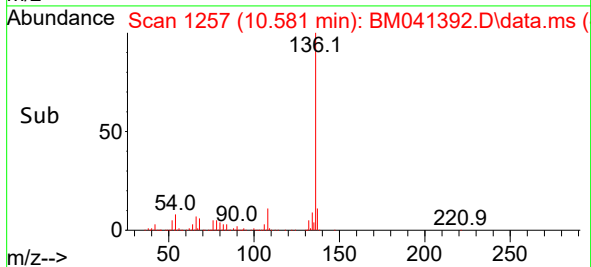
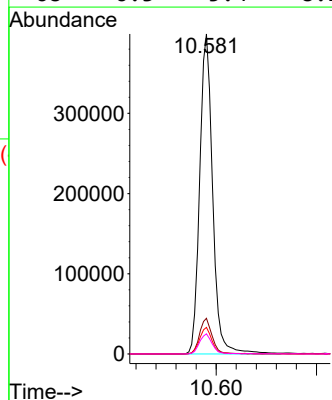
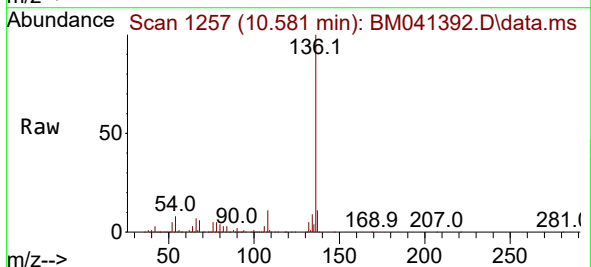
Instrument :  
BNA\_M  
ClientSampleId :  
WC-25

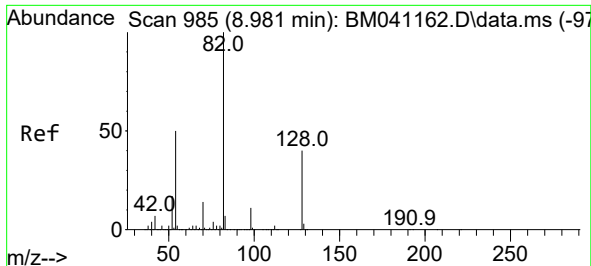
Tgt Ion: 99 Resp: 1215031  
Ion Ratio Lower Upper  
99 100  
42 19.4 15.4 23.0  
71 38.8 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.581 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

Tgt Ion: 136 Resp: 715808  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 8.3 6.9 10.3  
68 6.3 5.4 8.2

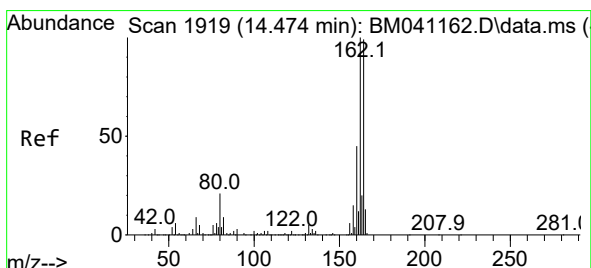
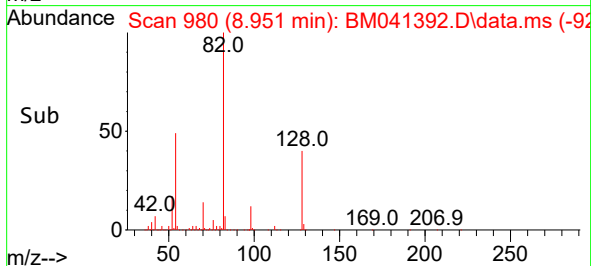
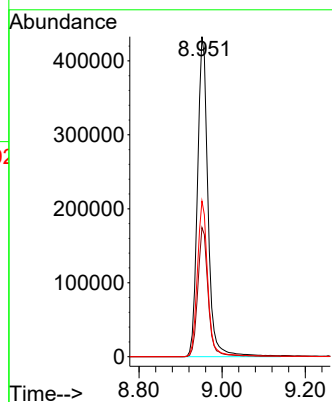
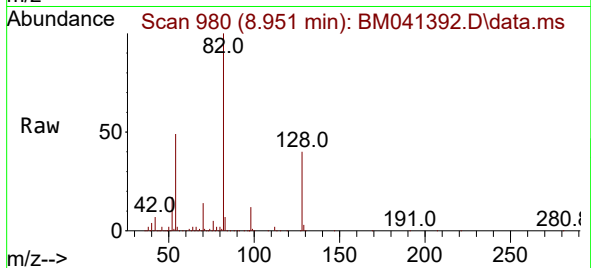




#23  
Nitrobenzene-d5  
Concen: 49.554 ng  
RT: 8.951 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

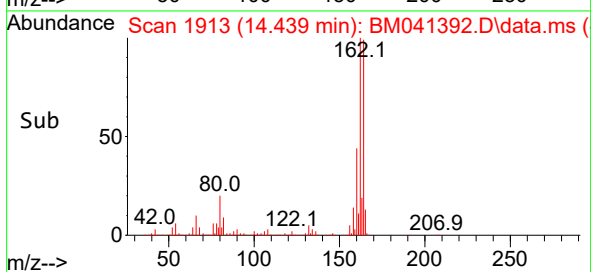
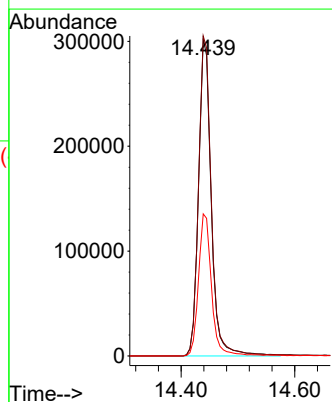
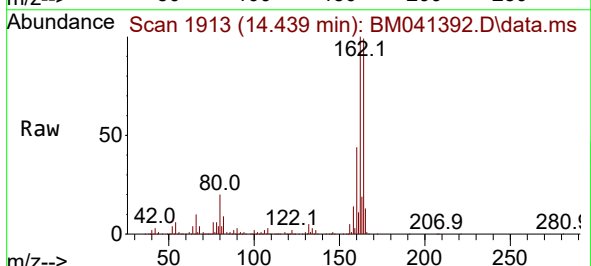
Instrument :  
BNA\_M  
ClientSampleId :  
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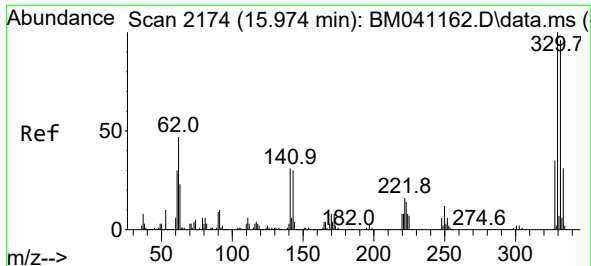
Tgt Ion: 82 Resp: 762742  
Ion Ratio Lower Upper  
82 100  
128 40.4 31.8 47.6  
54 48.6 40.1 60.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.439 min Scan# 1913  
Delta R.T. -0.000 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

Tgt Ion: 164 Resp: 471229  
Ion Ratio Lower Upper  
164 100  
162 100.8 80.4 120.6  
160 44.8 36.2 54.2

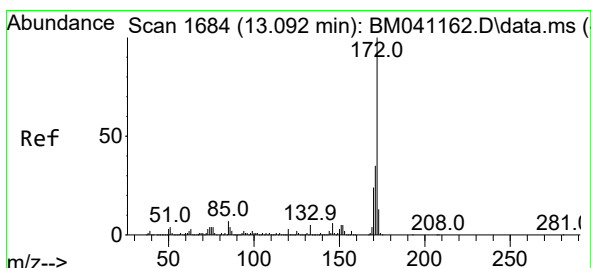
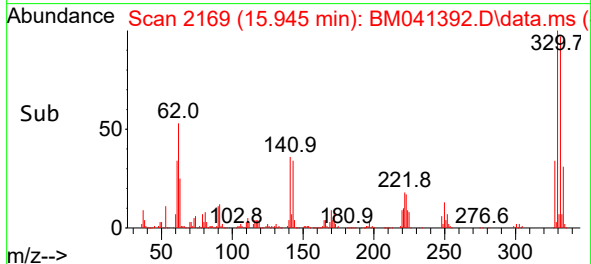
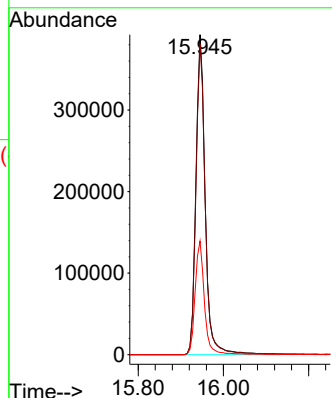
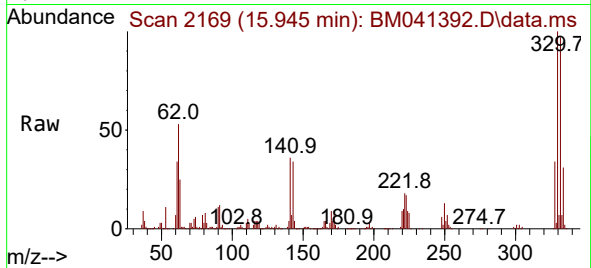




#42  
2,4,6-Tribromophenol  
Concen: 89.418 ng  
RT: 15.945 min Scan# 2174  
Delta R.T. -0.000 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

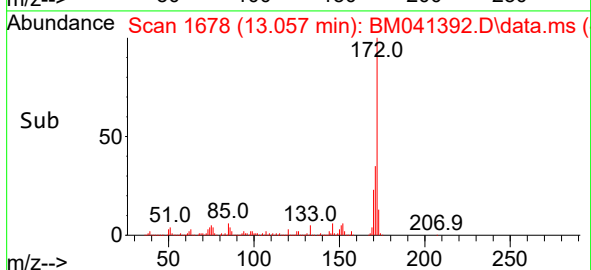
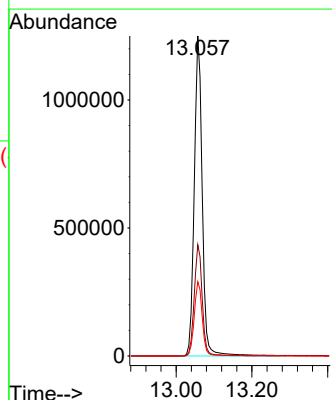
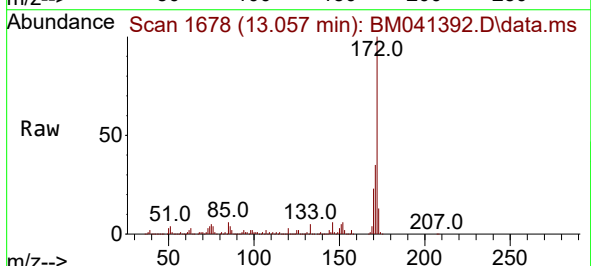
Instrument :  
BNA\_M  
ClientSampleId :  
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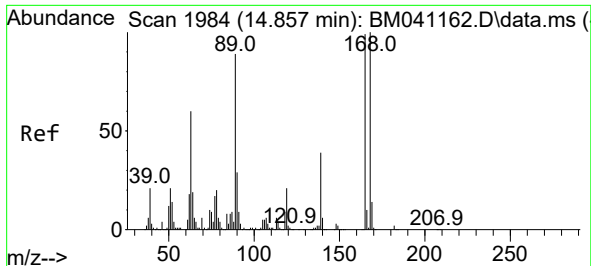
Tgt Ion:330 Resp: 595997  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.7 116.5  
141 35.8 28.3 42.5



#45  
2-Fluorobiphenyl  
Concen: 49.399 ng  
RT: 13.057 min Scan# 1678  
Delta R.T. -0.000 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

Tgt Ion:172 Resp: 1842736  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.1 42.1  
170 23.2 18.9 28.3

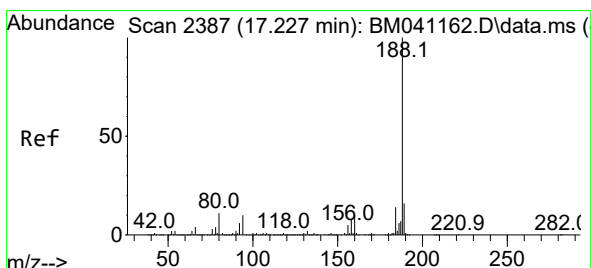
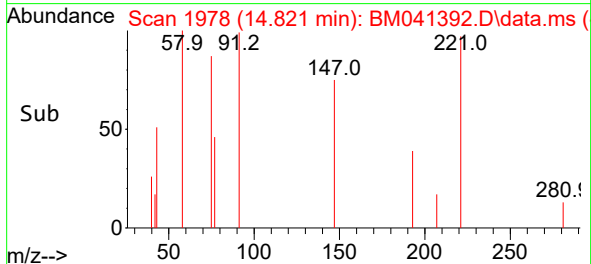
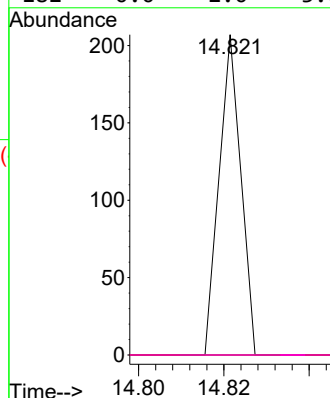
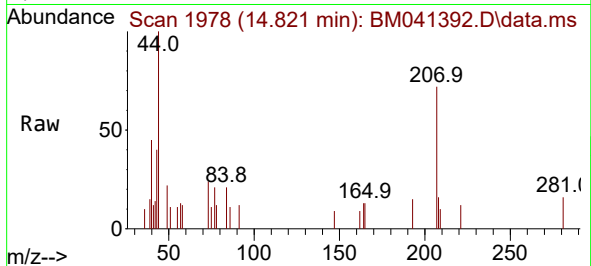




#57  
2,4-Dinitrotoluene  
Concen: 2.677 ng  
RT: 14.821 min Scan# 1984  
Delta R.T. -0.018 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

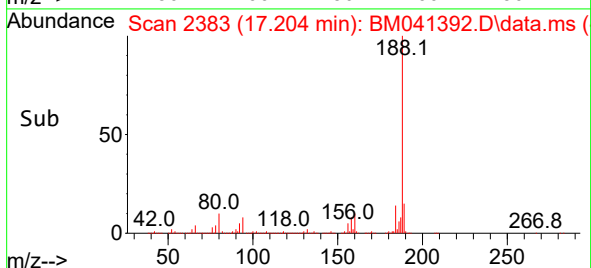
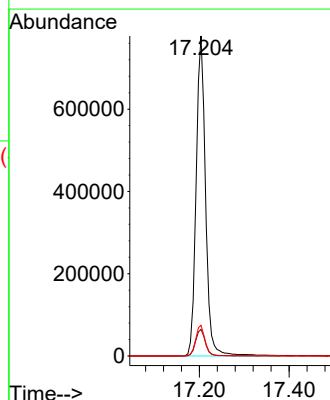
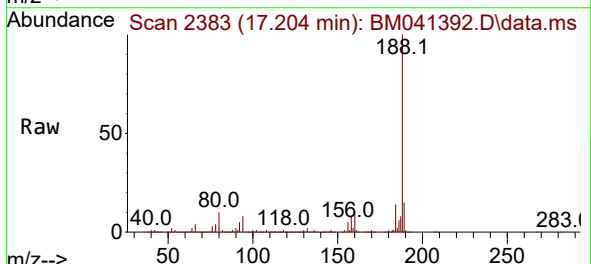
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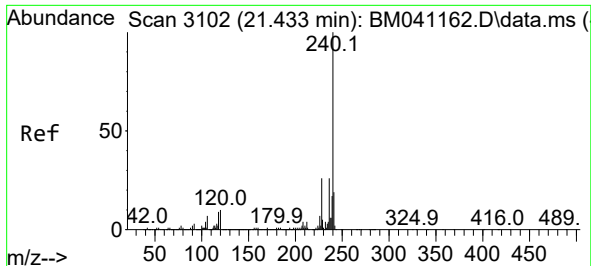
Tgt Ion:165 Resp: 73  
Ion Ratio Lower Upper  
165 100  
63 0.0 48.3 72.5#  
89 0.0 71.8 107.8#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2383  
Delta R.T. -0.000 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

Tgt Ion:188 Resp: 1136106  
Ion Ratio Lower Upper  
188 100  
94 8.3 8.2 12.2  
80 9.6 8.6 13.0

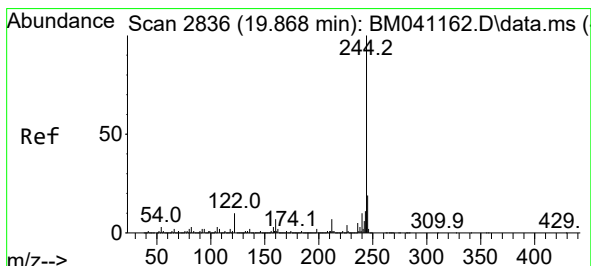
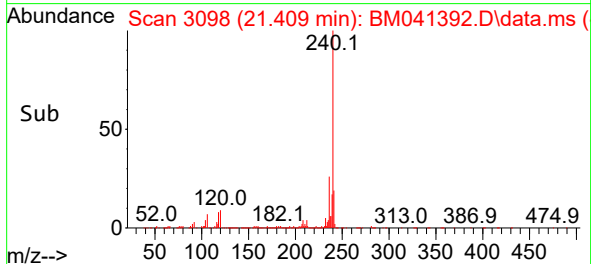
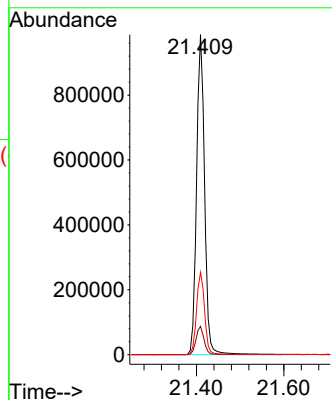
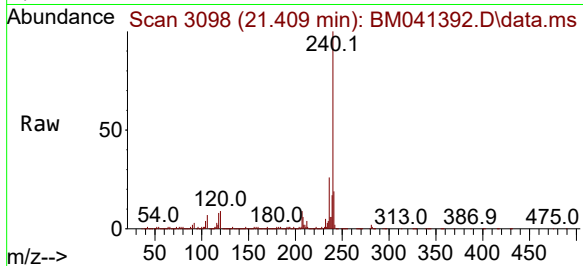




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.409 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

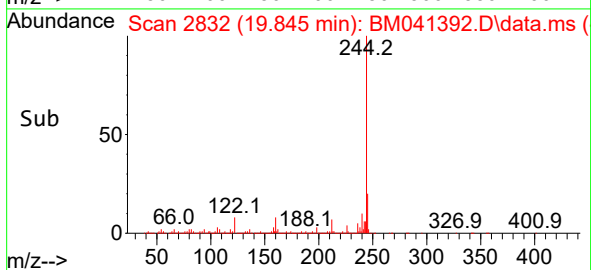
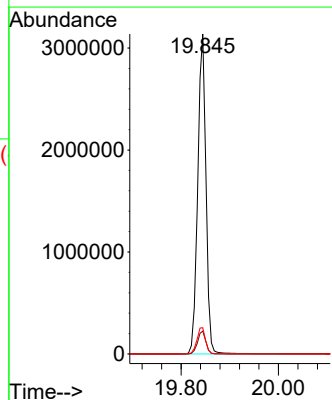
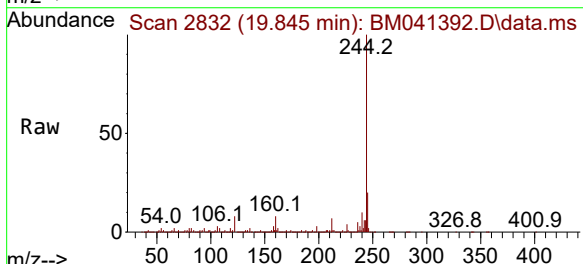
Instrument :  
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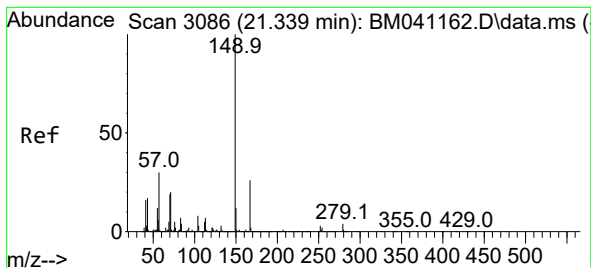
Tgt Ion:240 Resp: 1263348  
Ion Ratio Lower Upper  
240 100  
120 8.9 8.3 12.5  
236 25.8 20.6 30.8



#79  
Terphenyl-d14  
Concen: 53.130 ng  
RT: 19.845 min Scan# 2832  
Delta R.T. -0.000 min  
Lab File: BM041392.D  
Acq: 11 Aug 2023 18:07

Tgt Ion:244 Resp: 3712348  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.4 8.2  
122 8.2 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.591 ng

RT: 21.315 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041392.D

Acq: 11 Aug 2023 18:07

Instrument :

BNA\_M

ClientSampleId :

WC-25

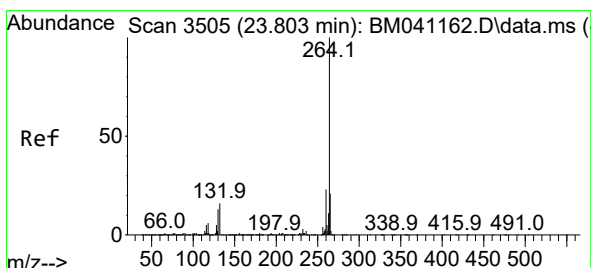
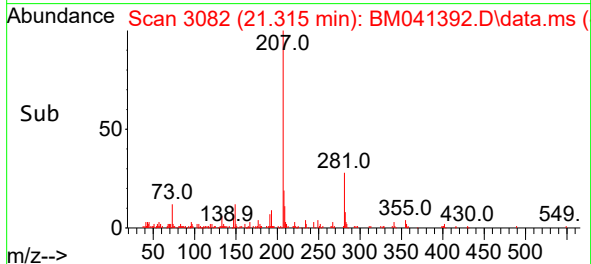
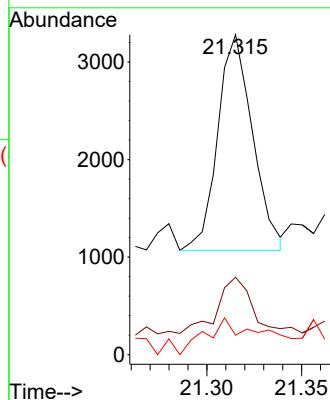
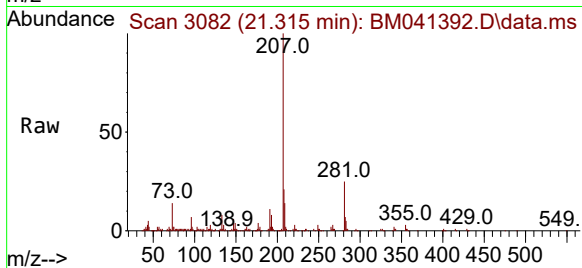
Tgt Ion:149 Resp: 2830

Ion Ratio Lower Upper

149 100

167 24.2 21.0 31.6

279 6.1 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BM041392.D

Acq: 11 Aug 2023 18:07

Tgt Ion:264 Resp: 1385385

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 22.1 17.4 26.0

