

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111023\  
 Data File : BM042698.D  
 Acq On : 10 Nov 2023 19:10  
 Operator : MA/JU  
 Sample : 05252-01 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WASTE

Quant Time: Nov 10 23:04:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 09 13:21:00 2023  
 Response via : Initial Calibration

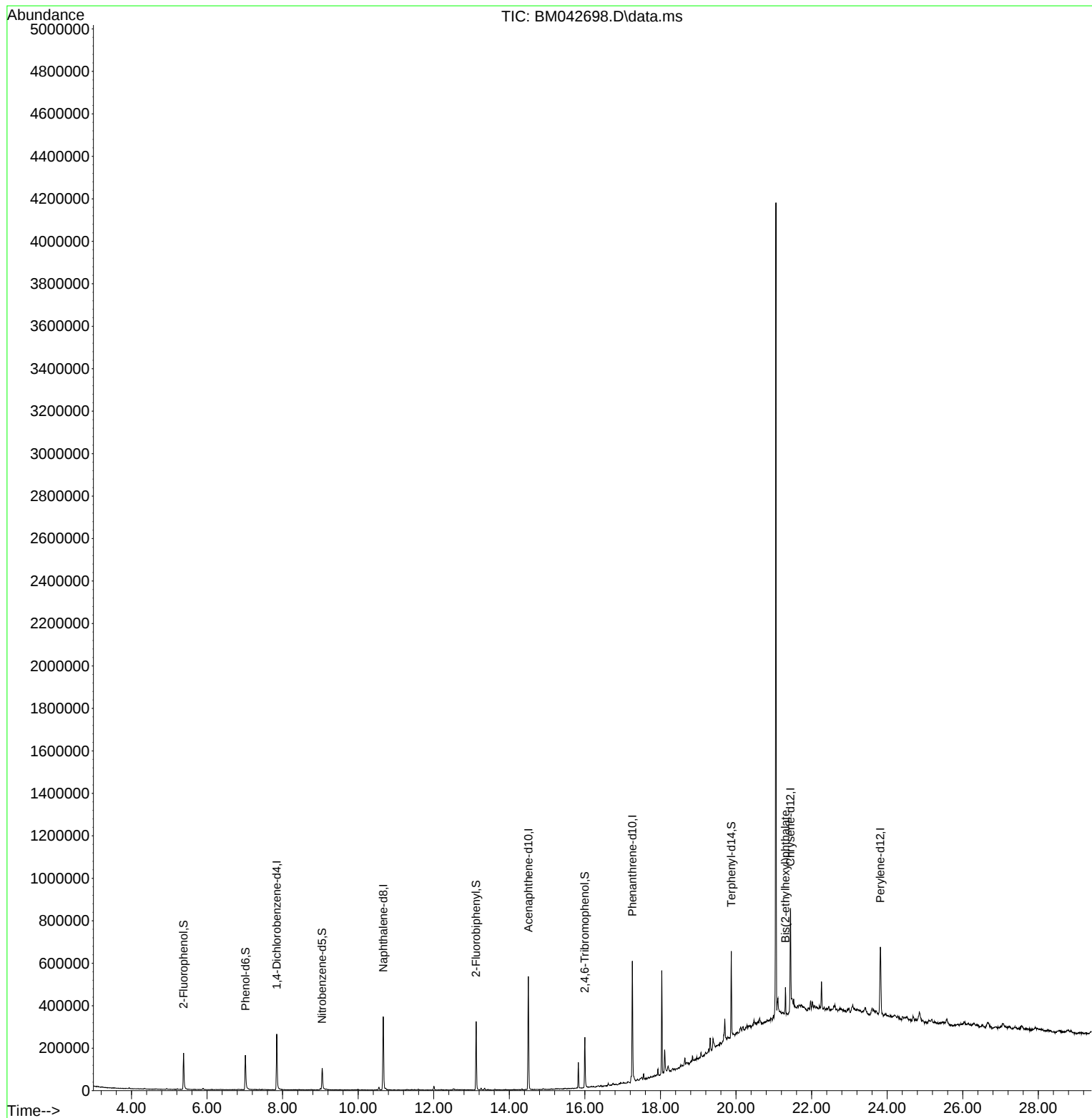
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.846  | 152  | 62722    | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8            | 10.663 | 136  | 245261   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 14.504 | 164  | 160144   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 17.257 | 188  | 307838   | 20.000 | ng    | # 0.00    |
| 76) Chrysene-d12              | 21.439 | 240  | 232800   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12              | 23.821 | 264  | 261247   | 20.000 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.381  | 112  | 67095    | 17.264 | ng    | 0.00      |
| 7) Phenol-d6                  | 7.016  | 99   | 86544    | 16.237 | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 9.045  | 82   | 63759    | 12.119 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 15.998 | 330  | 38753    | 18.535 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 13.122 | 172  | 149455   | 12.558 | ng    | 0.00      |
| 79) Terphenyl-d14             | 19.874 | 244  | 175307   | 12.769 | ng    | 0.00      |
| Target Compounds              |        |      |          |        |       |           |
| 84) Bis(2-ethylhexyl)phtha... | 21.309 | 149  | 38787    | 3.759  | ng    | Qvalue 99 |
| -----                         |        |      |          |        |       |           |

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

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Sample : 05252-01 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WASTE

Quant Time: Nov 10 23:04:46 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 09 13:21:00 2023  
Response via : Initial Calibration

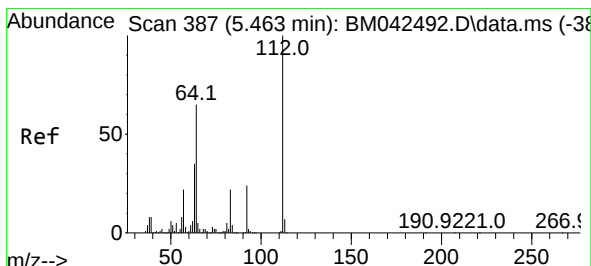
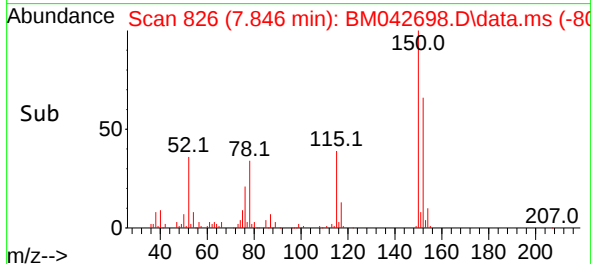
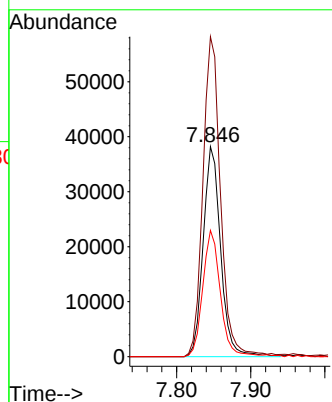
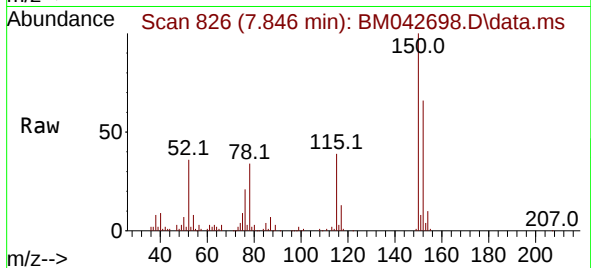




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.846 min Scan# 806  
Delta R.T. 0.001 min  
Lab File: BM042698.D  
Acq: 10 Nov 2023 19:10

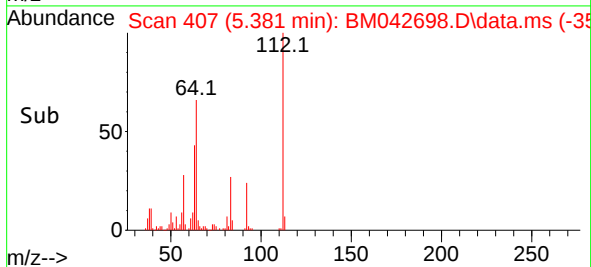
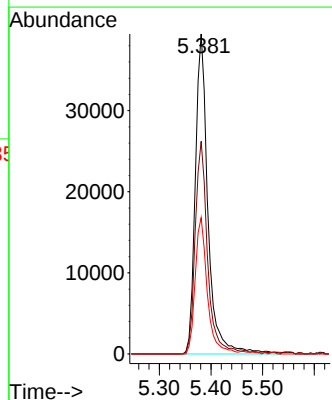
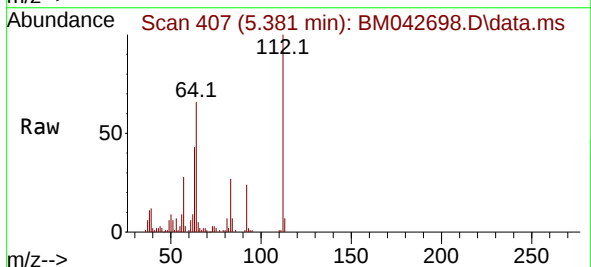
Instrument :  
BNA\_M  
ClientSampleId :  
WASTE

Tgt Ion:152 Resp: 62722  
Ion Ratio Lower Upper  
152 100  
150 152.4 127.4 191.0  
115 60.1 47.9 71.9



#5  
2-Fluorophenol  
Concen: 17.264 ng  
RT: 5.381 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: BM042698.D  
Acq: 10 Nov 2023 19:10

Tgt Ion:112 Resp: 67095  
Ion Ratio Lower Upper  
112 100  
64 66.5 52.1 78.1  
63 42.6 28.3 42.5#

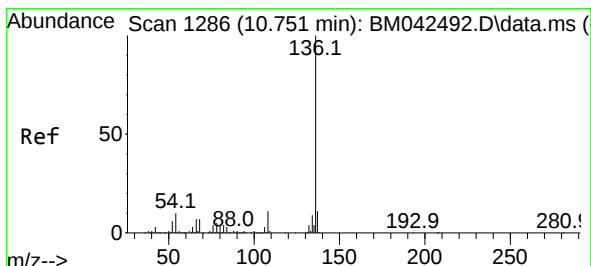
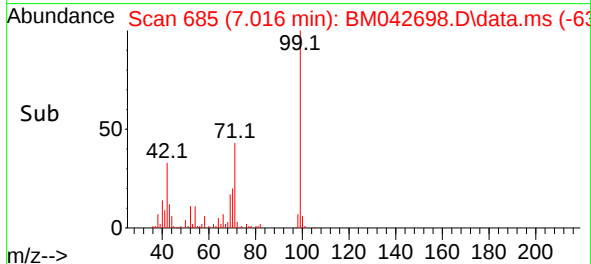
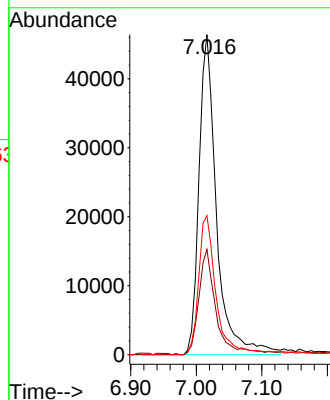
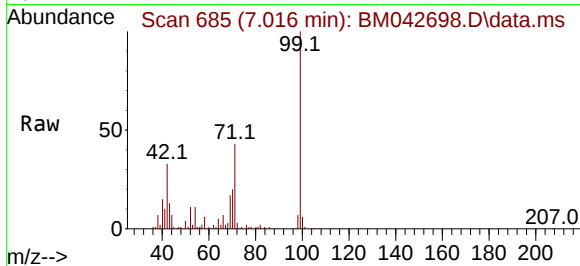




#7  
Phenol-d6  
Concen: 16.237 ng  
RT: 7.016 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM042698.D  
Acq: 10 Nov 2023 19:10

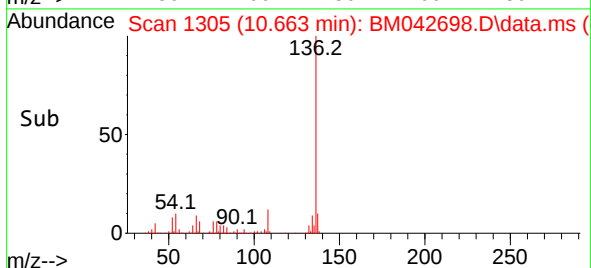
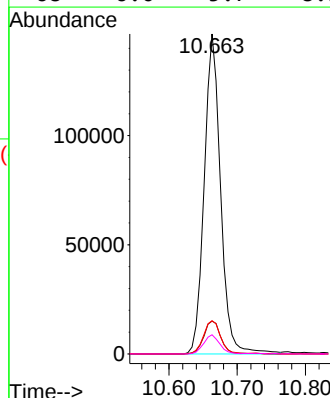
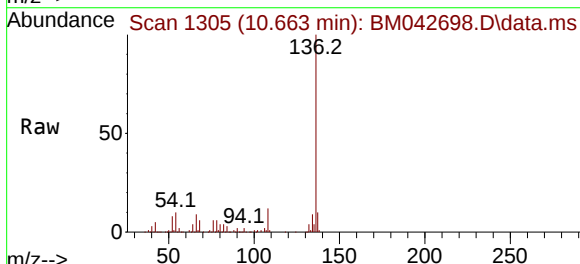
Instrument :  
BNA\_M  
ClientSampleId :  
WASTE

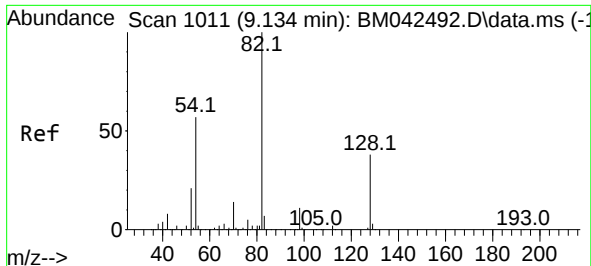
Tgt Ion: 99 Resp: 86544  
Ion Ratio Lower Upper  
99 100  
42 32.9 18.7 28.1#  
71 43.4 29.1 43.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BM042698.D  
Acq: 10 Nov 2023 19:10

Tgt Ion:136 Resp: 245261  
Ion Ratio Lower Upper  
136 100  
137 10.3 9.0 13.6  
54 10.4 8.0 12.0  
68 6.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 12.119 ng

RT: 9.045 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BM042698.D

Acq: 10 Nov 2023 19:10

Instrument :

BNA\_M

ClientSampleId :

WASTE

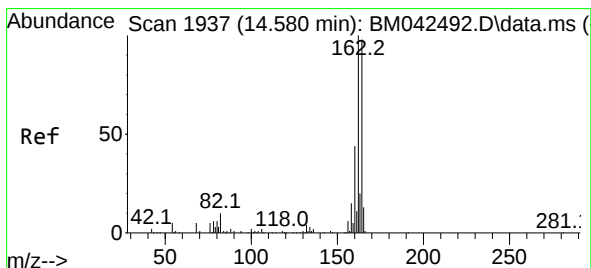
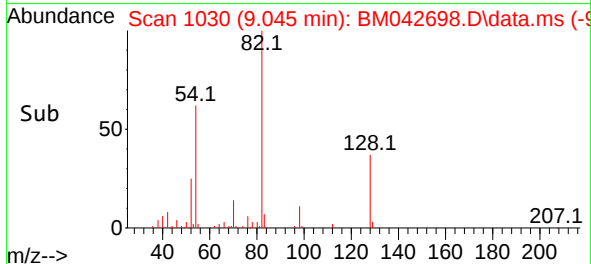
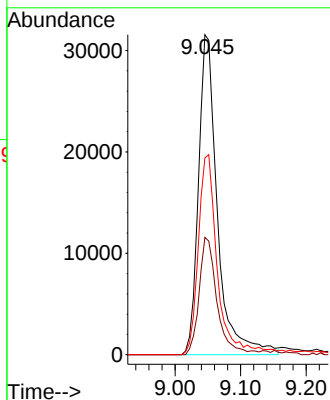
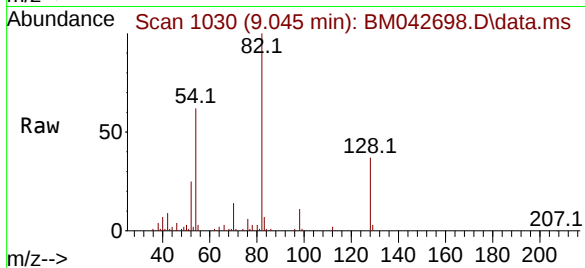
Tgt Ion: 82 Resp: 63759

Ion Ratio Lower Upper

82 100

128 36.7 30.7 46.1

54 61.5 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BM042698.D

Acq: 10 Nov 2023 19:10

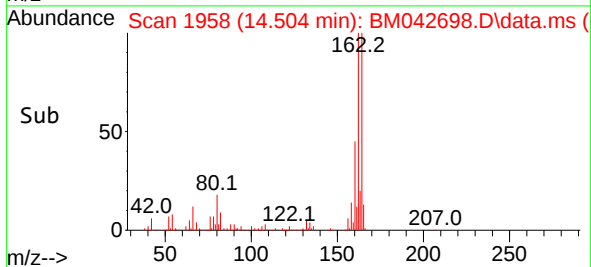
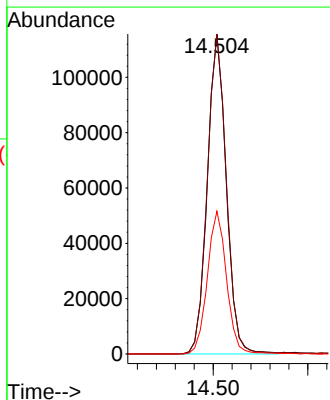
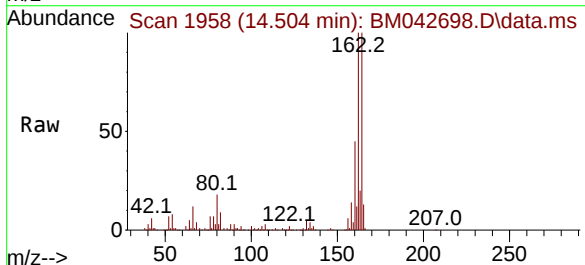
Tgt Ion:164 Resp: 160144

Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 18.535 ng

RT: 15.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042698.D

Acq: 10 Nov 2023 19:10

Instrument :

BNA\_M

ClientSampleId :

WASTE

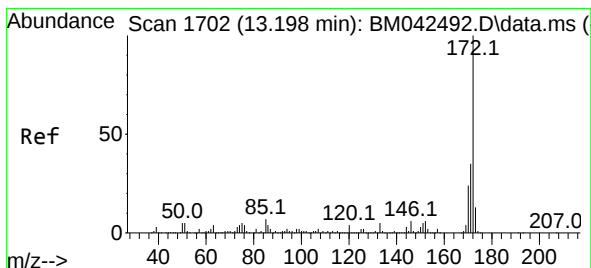
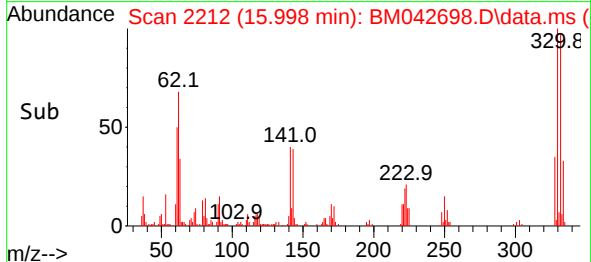
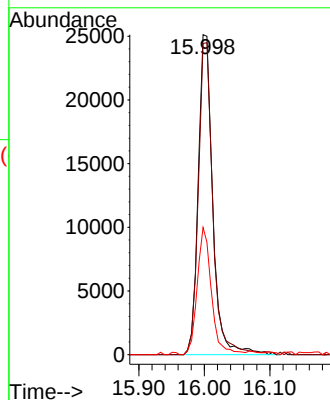
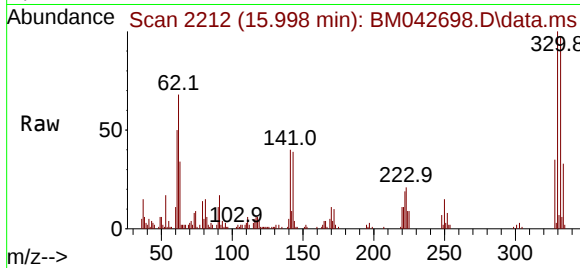
Tgt Ion:330 Resp: 38753

Ion Ratio Lower Upper

330 100

332 97.0 78.8 118.2

141 39.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 12.558 ng

RT: 13.122 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM042698.D

Acq: 10 Nov 2023 19:10

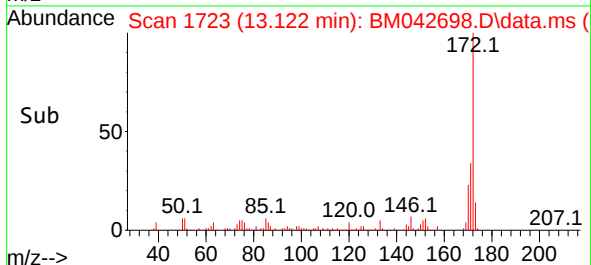
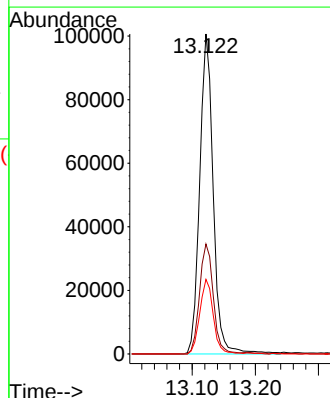
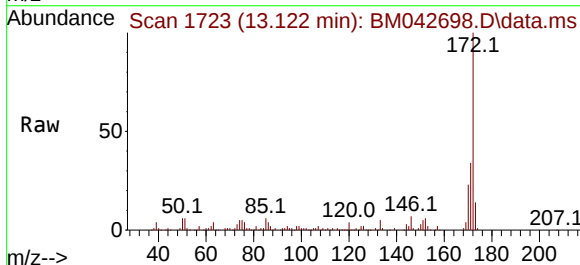
Tgt Ion:172 Resp: 149455

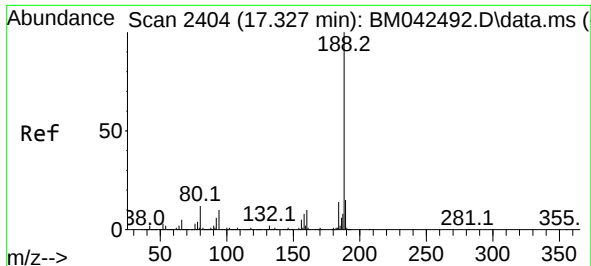
Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

170 23.3 19.0 28.4

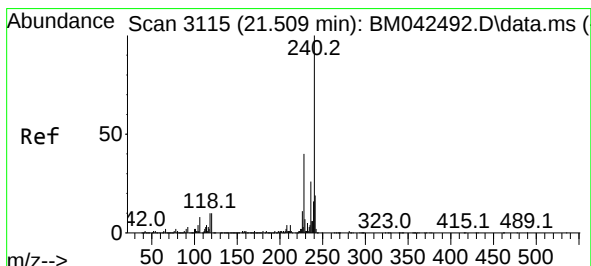
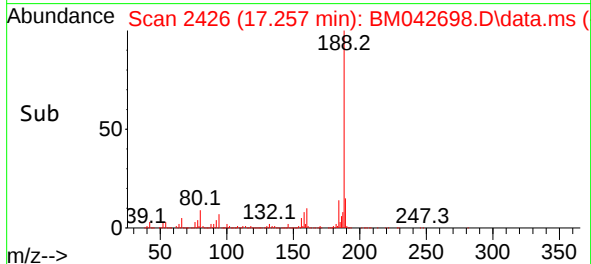
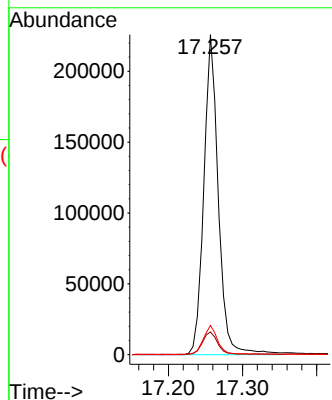
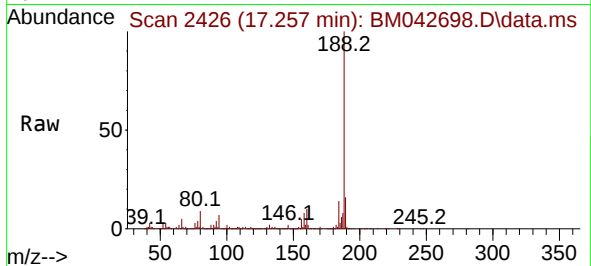




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.257 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: BM042698.D  
Acq: 10 Nov 2023 19:10

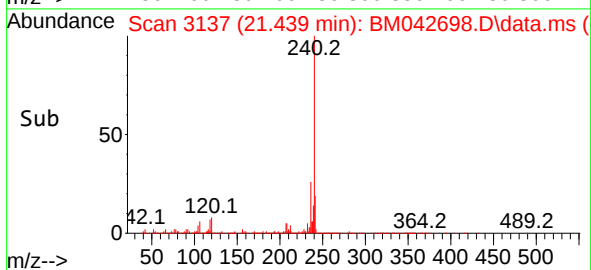
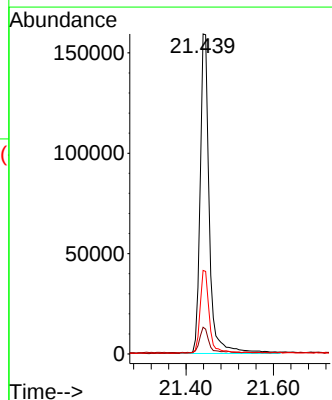
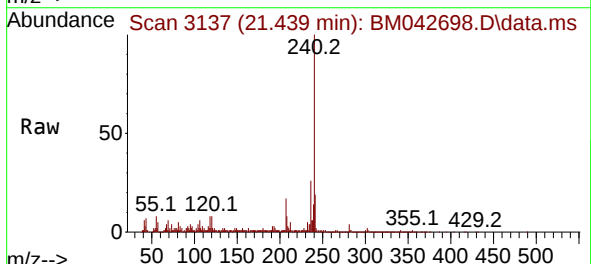
Instrument :  
BNA\_M  
ClientSampleId :  
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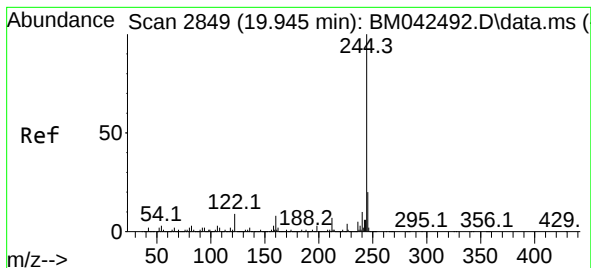
Tgt Ion:188 Resp: 307838  
Ion Ratio Lower Upper  
188 100  
94 7.1 8.2 12.4#  
80 9.2 9.4 14.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.439 min Scan# 3137  
Delta R.T. 0.000 min  
Lab File: BM042698.D  
Acq: 10 Nov 2023 19:10

Tgt Ion:240 Resp: 232800  
Ion Ratio Lower Upper  
240 100  
120 8.4 8.3 12.5  
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 12.769 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042698.D

Acq: 10 Nov 2023 19:10

Instrument :

BNA\_M

ClientSampleId :

WASTE

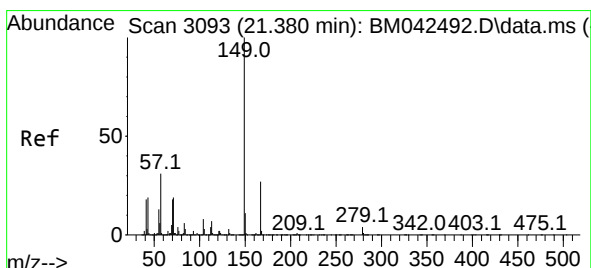
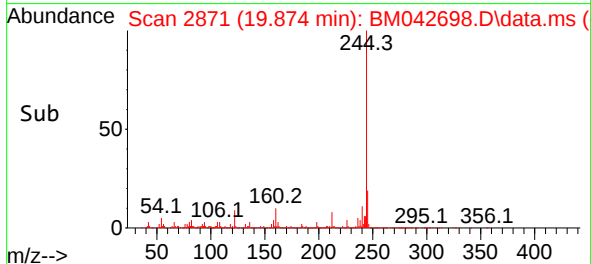
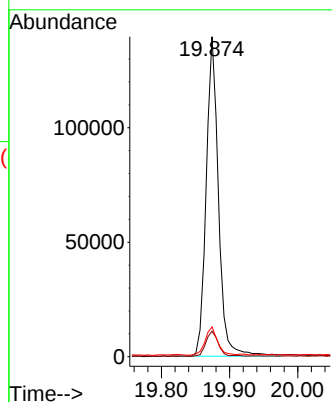
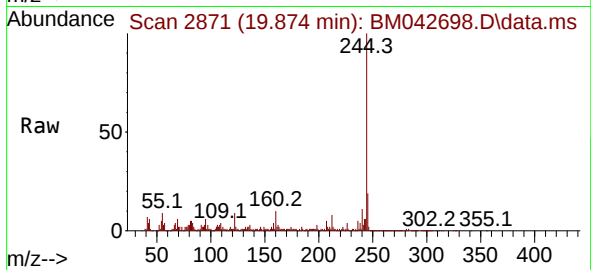
Tgt Ion:244 Resp: 175307

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

122 9.3 7.2 10.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.759 ng

RT: 21.309 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM042698.D

Acq: 10 Nov 2023 19:10

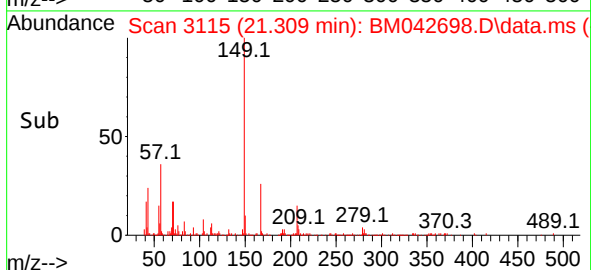
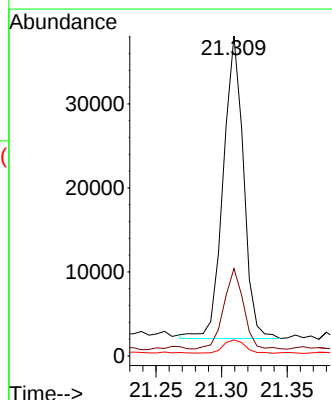
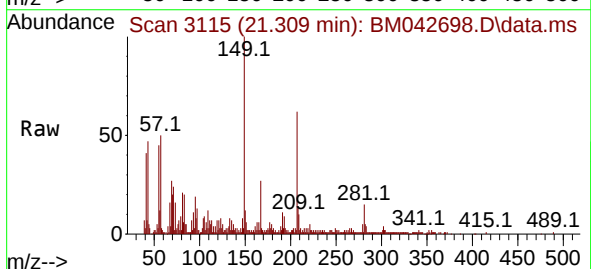
Tgt Ion:149 Resp: 38787

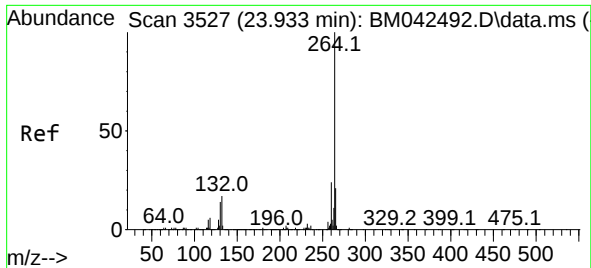
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 5.0 3.4 5.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.821 min Scan# 3  
 Delta R.T. 0.006 min  
 Lab File: BM042698.D  
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 BNA\_M  
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Tgt Ion:264 Resp: 261247  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.0 28.4  
 265 22.0 18.7 28.1

