

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081023\  
 Data File : BM041367.D  
 Acq On : 10 Aug 2023 17:47  
 Operator : MA/JU  
 Sample : 03955-10  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-25

Quant Time: Aug 11 03:34:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 09 12:20:12 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.775  | 152  | 115797   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.580 | 136  | 417309   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.445 | 164  | 233678   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.204 | 188  | 492532   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.409 | 240  | 531373   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.774 | 264  | 687620   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.351  | 112  | 655663   | 84.626 | ng    | 0.00     |
| 7) Phenol-d6                | 6.957  | 99   | 744886   | 74.170 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.951  | 82   | 491923   | 54.819 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.945 | 330  | 290556   | 87.907 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.057 | 172  | 1079211  | 58.341 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.839 | 244  | 1651887  | 56.207 | ng    | -0.01    |

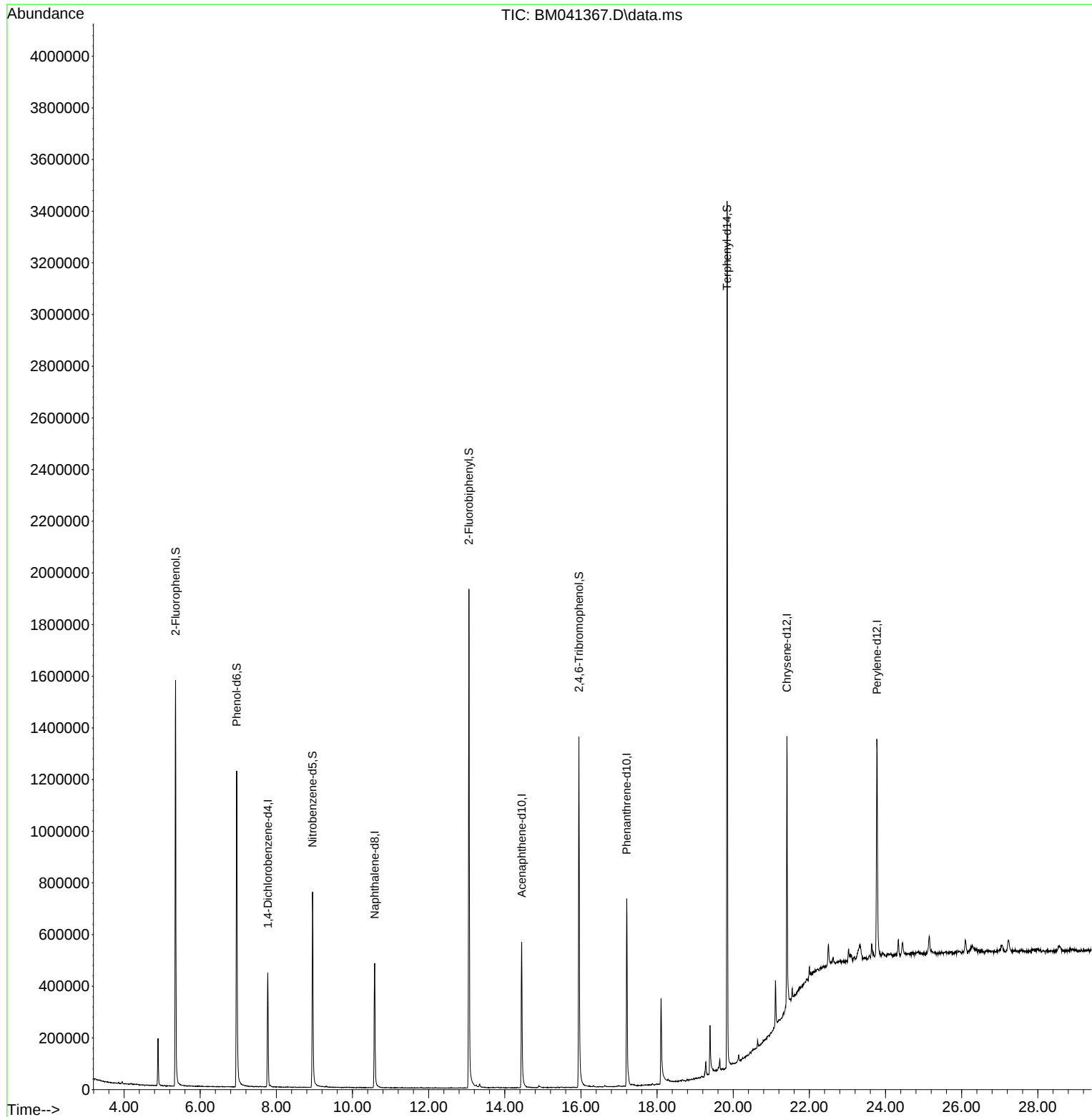
Target Compounds Qvalue

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

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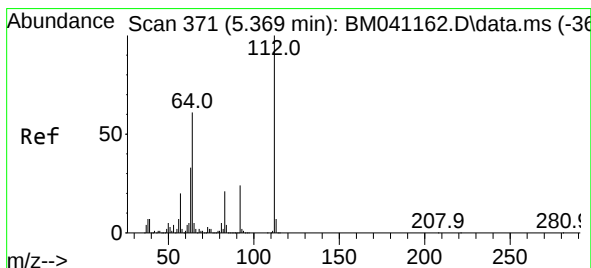
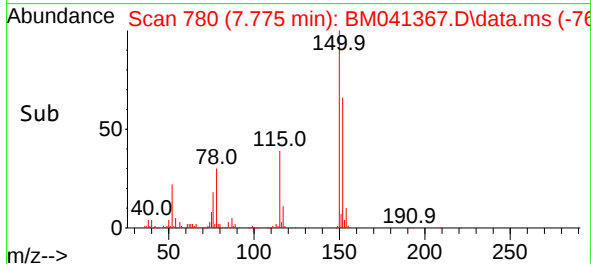
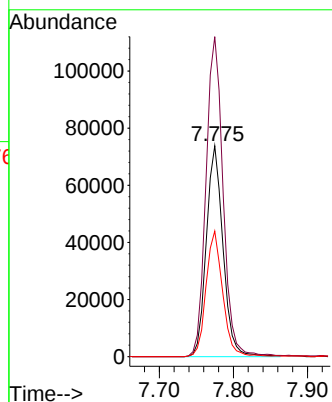
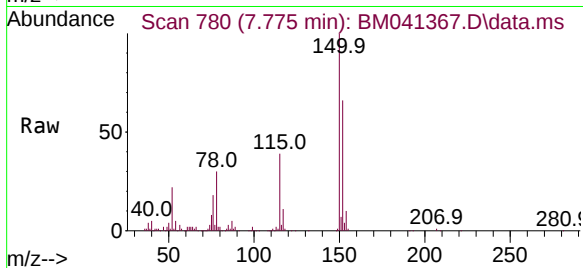




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.775 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM041367.D  
Acq: 10 Aug 2023 17:47

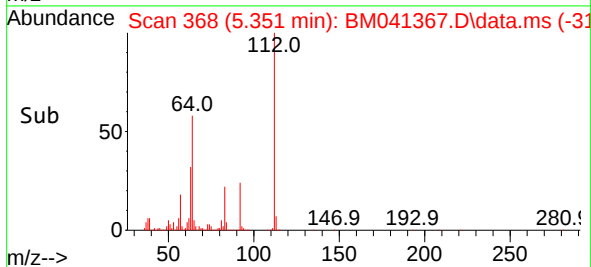
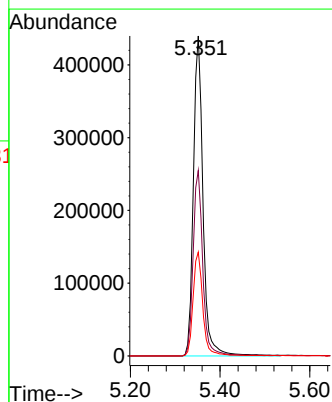
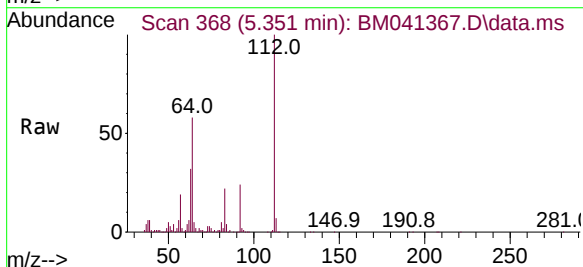
Instrument :  
BNA\_M  
ClientSampleId :  
WC-25

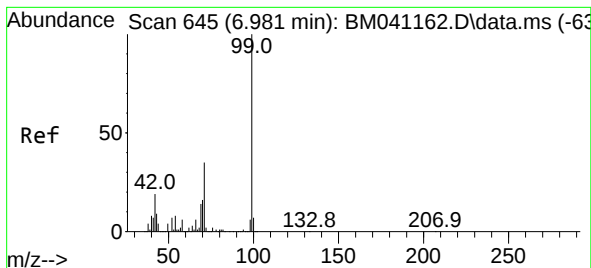
Tgt Ion:152 Resp: 115797  
Ion Ratio Lower Upper  
152 100  
150 151.8 125.5 188.3  
115 59.5 48.0 72.0



#5  
2-Fluorophenol  
Concen: 84.626 ng  
RT: 5.351 min Scan# 368  
Delta R.T. -0.006 min  
Lab File: BM041367.D  
Acq: 10 Aug 2023 17:47

Tgt Ion:112 Resp: 655663  
Ion Ratio Lower Upper  
112 100  
64 57.9 48.5 72.7  
63 32.4 26.5 39.7





#7

Phenol-d6

Concen: 74.170 ng

RT: 6.957 min Scan# 64

Delta R.T. -0.012 min

Lab File: BM041367.D

Acq: 10 Aug 2023 17:47

Instrument :

BNA\_M

ClientSampleId :

WC-25

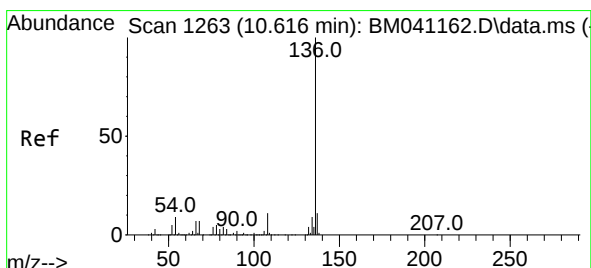
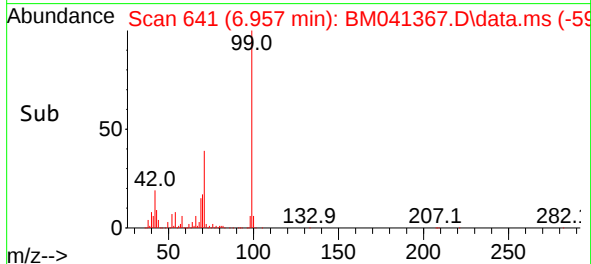
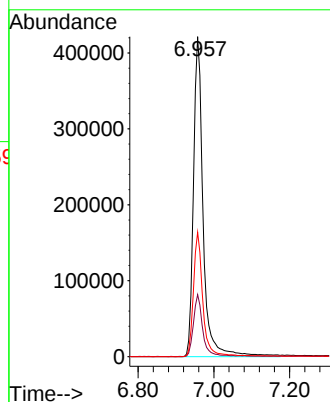
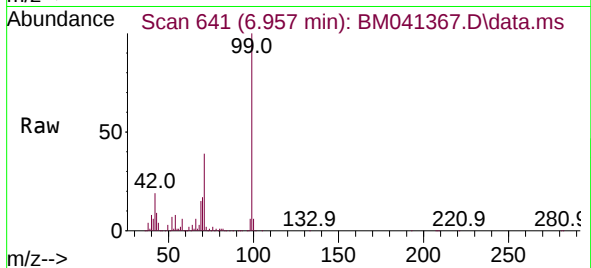
Tgt Ion: 99 Resp: 744886

Ion Ratio Lower Upper

99 100

42 19.4 15.4 23.0

71 38.9 28.2 42.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.580 min Scan# 1257

Delta R.T. -0.006 min

Lab File: BM041367.D

Acq: 10 Aug 2023 17:47

Tgt Ion: 136 Resp: 417309

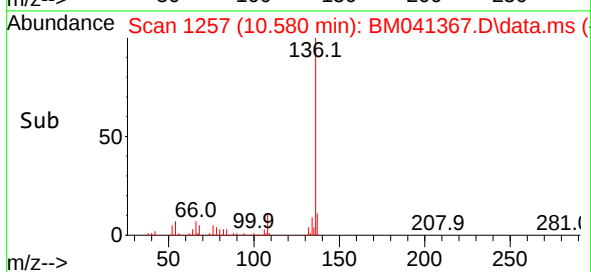
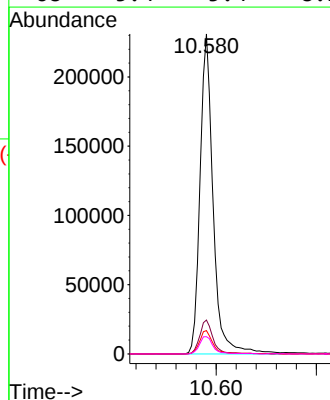
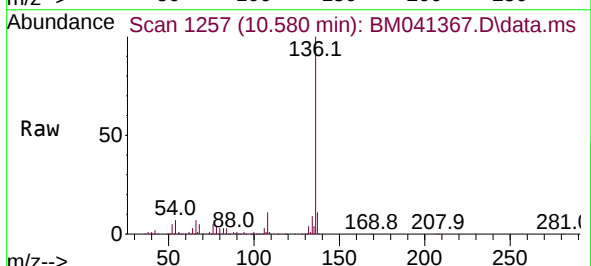
Ion Ratio Lower Upper

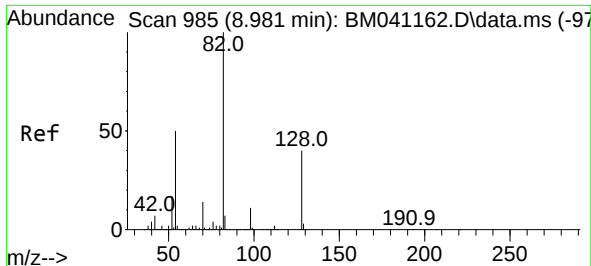
136 100

137 10.6 8.8 13.2

54 7.3 6.9 10.3

68 5.4 5.4 8.2#





#23

Nitrobenzene-d5

Concen: 54.819 ng

RT: 8.951 min Scan# 985

Delta R.T. -0.006 min

Lab File: BM041367.D

Acq: 10 Aug 2023 17:47

Instrument :

BNA\_M

ClientSampleId :

WC-25

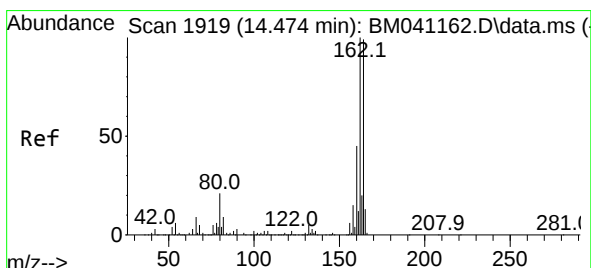
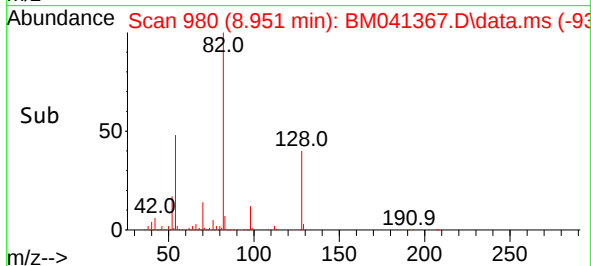
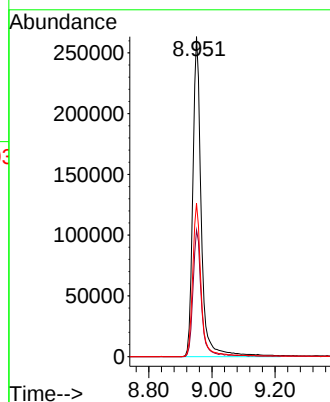
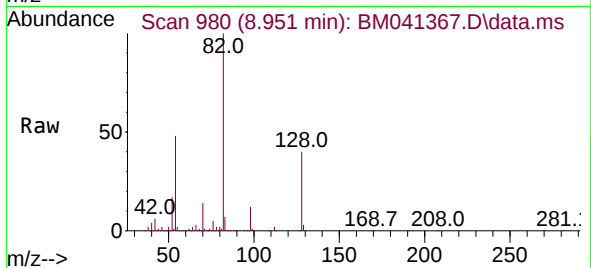
Tgt Ion: 82 Resp: 491923

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 47.9 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BM041367.D

Acq: 10 Aug 2023 17:47

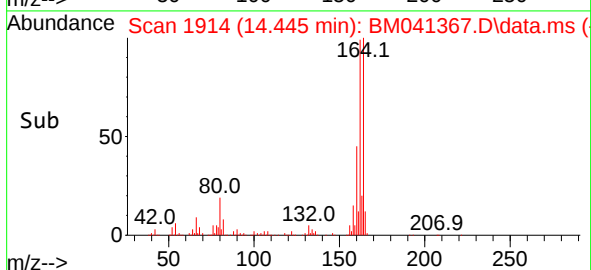
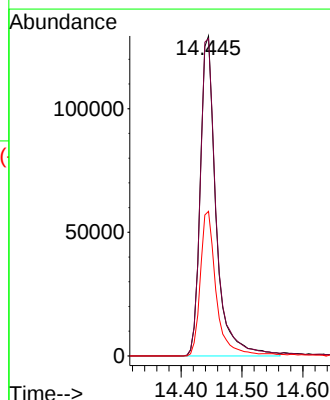
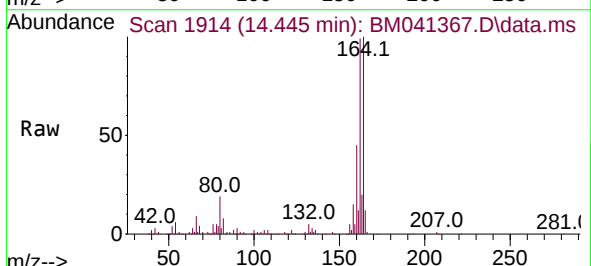
Tgt Ion: 164 Resp: 233678

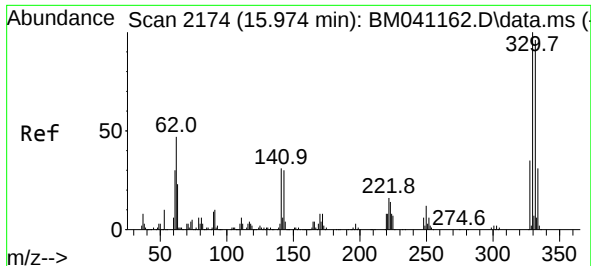
Ion Ratio Lower Upper

164 100

162 99.2 80.4 120.6

160 45.2 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 87.907 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041367.D

Acq: 10 Aug 2023 17:47

Instrument :

BNA\_M

ClientSampleId :

WC-25

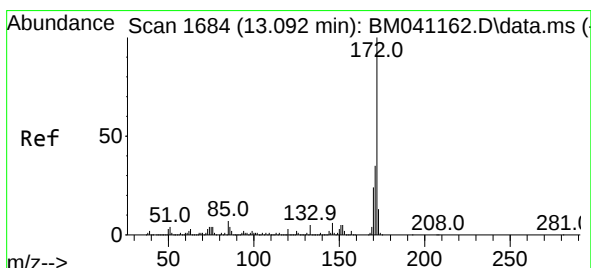
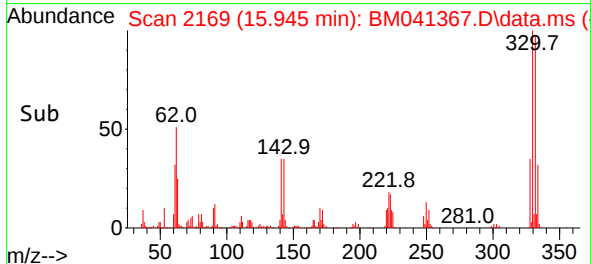
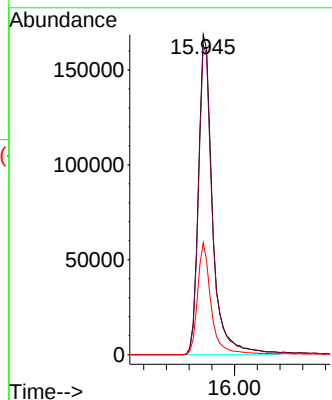
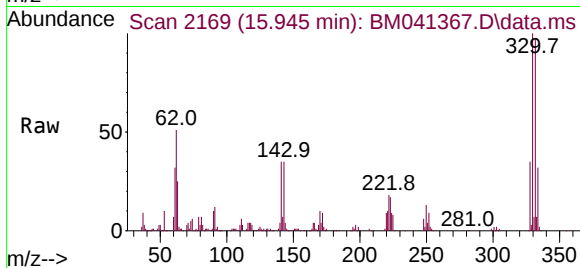
Tgt Ion:330 Resp: 290556

Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

141 33.6 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 58.341 ng

RT: 13.057 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BM041367.D

Acq: 10 Aug 2023 17:47

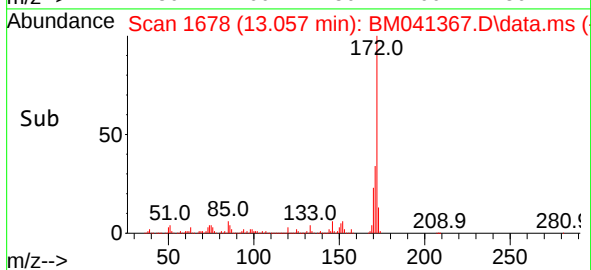
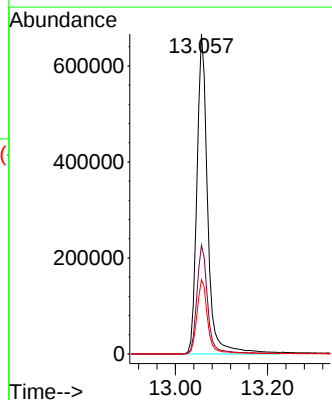
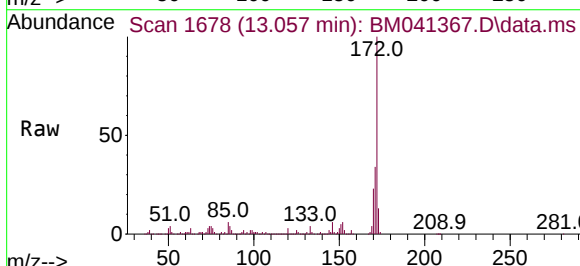
Tgt Ion:172 Resp: 1079211

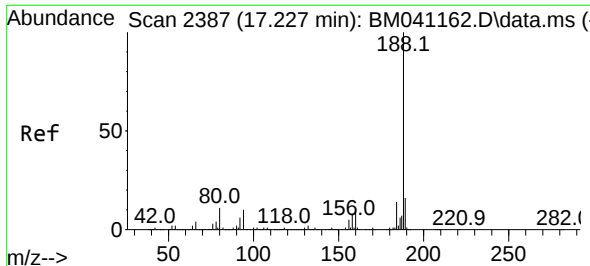
Ion Ratio Lower Upper

172 100

171 34.0 28.1 42.1

170 23.2 18.9 28.3

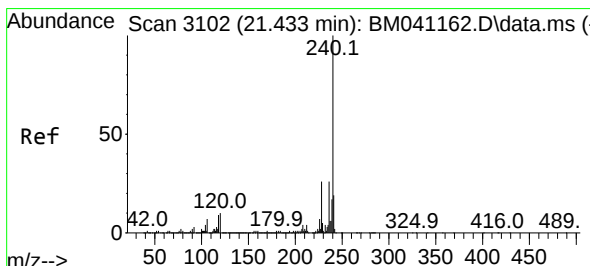
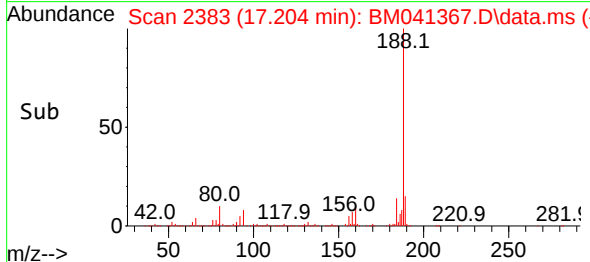
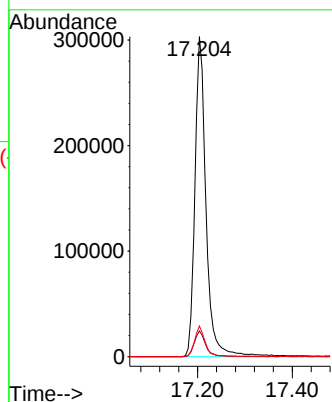
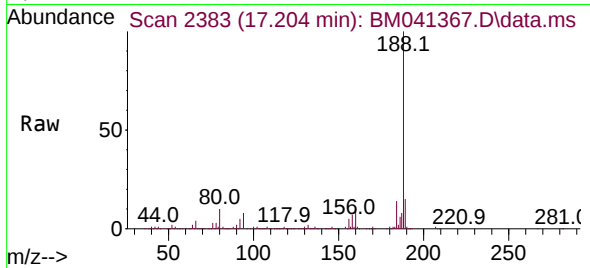




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2383  
Delta R.T. -0.006 min  
Lab File: BM041367.D  
Acq: 10 Aug 2023 17:47

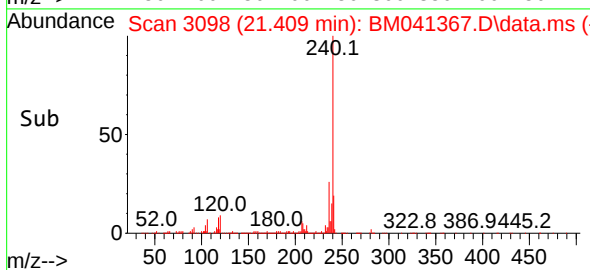
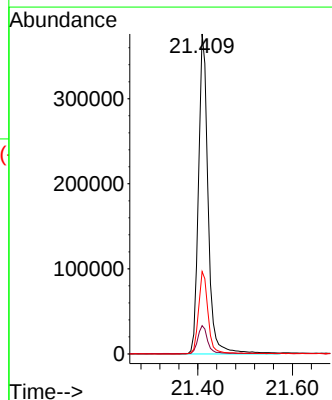
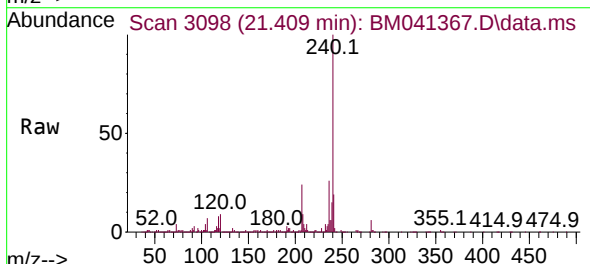
Instrument :  
BNA\_M  
ClientSampleId :  
WC-25

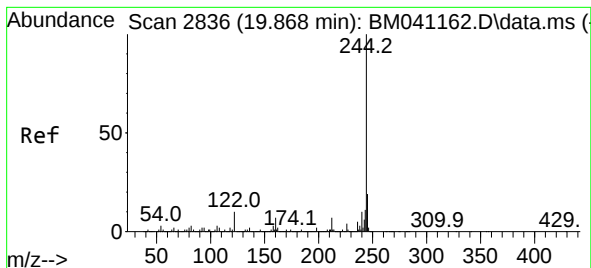
Tgt Ion:188 Resp: 492532  
Ion Ratio Lower Upper  
188 100  
94 8.0 8.2 12.2#  
80 9.6 8.6 13.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.409 min Scan# 3098  
Delta R.T. -0.006 min  
Lab File: BM041367.D  
Acq: 10 Aug 2023 17:47

Tgt Ion:240 Resp: 531373  
Ion Ratio Lower Upper  
240 100  
120 8.8 8.3 12.5  
236 25.7 20.6 30.8





#79

Terphenyl-d14

Concen: 56.207 ng

RT: 19.839 min Scan# 2836

Delta R.T. -0.012 min

Lab File: BM041367.D

Acq: 10 Aug 2023 17:47

Instrument :

BNA\_M

ClientSampleId :

WC-25

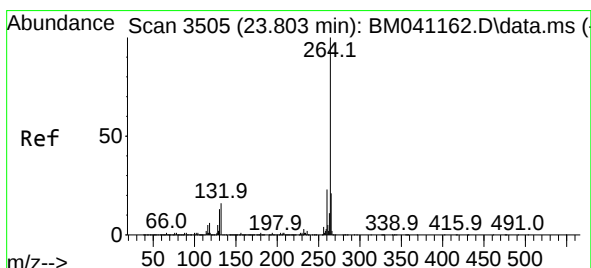
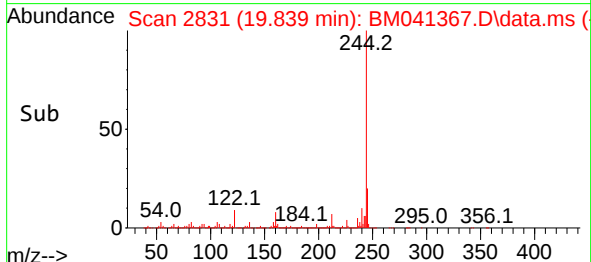
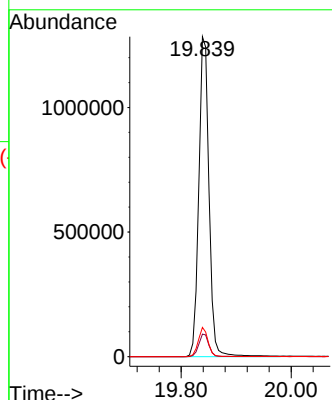
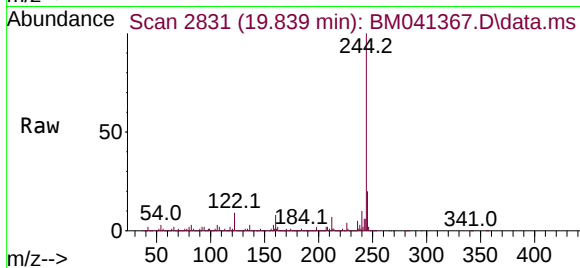
Tgt Ion:244 Resp: 1651887

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.1 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BM041367.D

Acq: 10 Aug 2023 17:47

Tgt Ion:264 Resp: 687620

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.8 17.4 26.0

