

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081123\  
 Data File : BM041384.D  
 Acq On : 11 Aug 2023 13:08  
 Operator : MA/JU  
 Sample : 03954-20  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-21

Quant Time: Aug 11 18:06:14 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  | 154533   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.580 | 136  | 604460   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.439 | 164  | 409880   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.204 | 188  | 1024259  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.409 | 240  | 1093891  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.780 | 264  | 1264086  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.351  | 112  | 1172296  | 113.380 | ng    | 0.00     |
| 7) Phenol-d6                | 6.963  | 99   | 1330835  | 99.298  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.951  | 82   | 1045387  | 80.428  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.945 | 330  | 871036   | 150.242 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.057 | 172  | 2458173  | 75.761  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.845 | 244  | 5404167  | 89.324  | ng    | 0.00     |

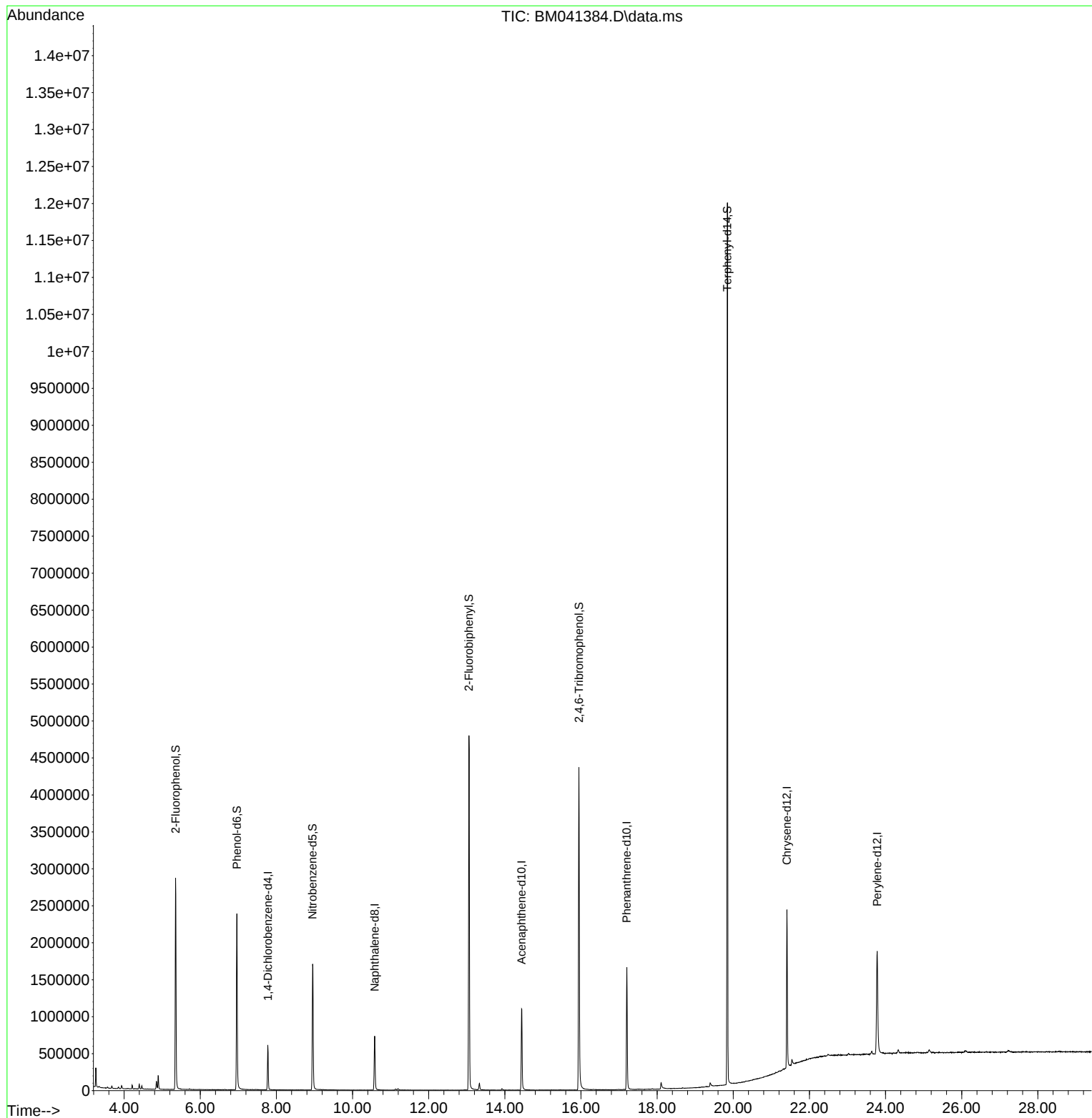
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

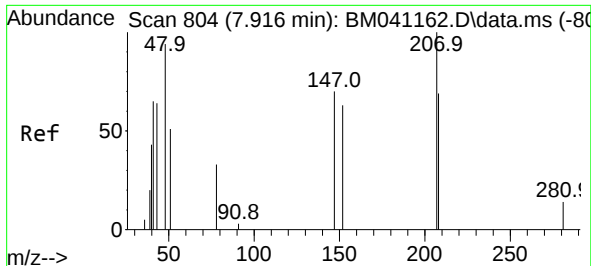
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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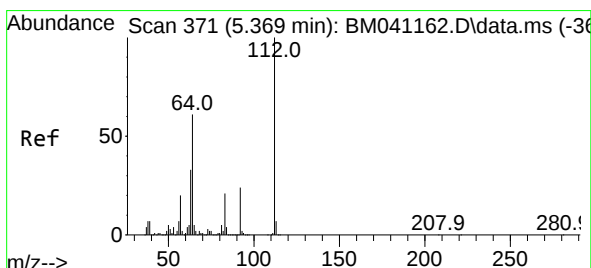
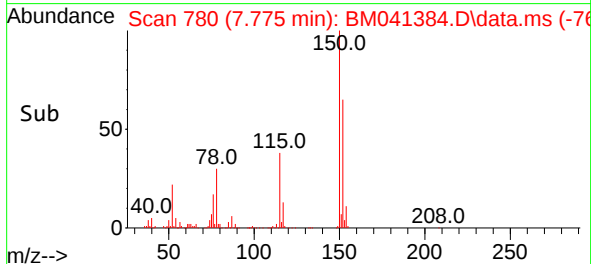
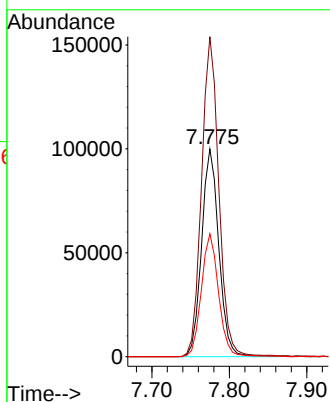
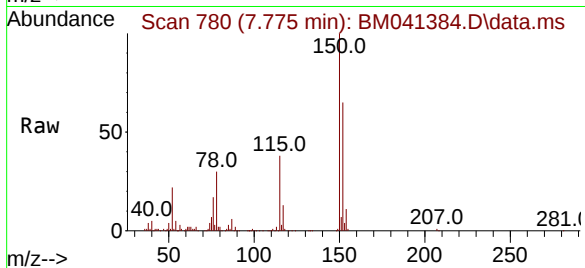




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.775 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM041384.D  
Acq: 11 Aug 2023 13:08

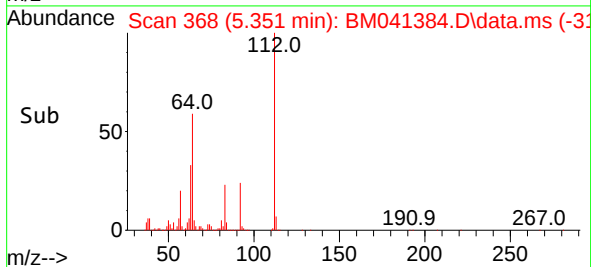
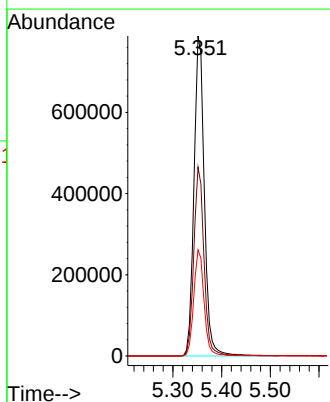
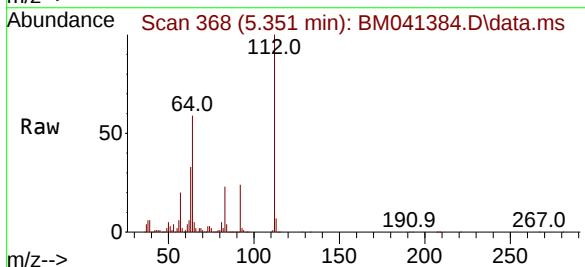
Instrument :  
BNA\_M  
ClientSampleId :  
WC-21

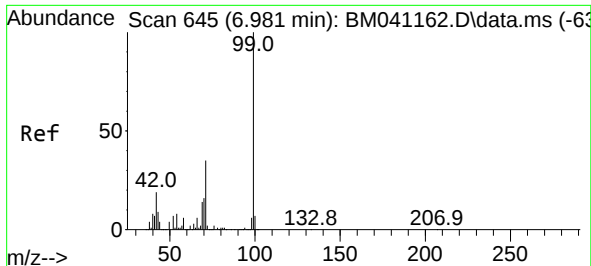
Tgt Ion:152 Resp: 154533  
Ion Ratio Lower Upper  
152 100  
150 154.1 125.5 188.3  
115 59.2 48.0 72.0



#5  
2-Fluorophenol  
Concen: 113.380 ng  
RT: 5.351 min Scan# 368  
Delta R.T. 0.006 min  
Lab File: BM041384.D  
Acq: 11 Aug 2023 13:08

Tgt Ion:112 Resp: 1172296  
Ion Ratio Lower Upper  
112 100  
64 59.0 48.5 72.7  
63 33.2 26.5 39.7

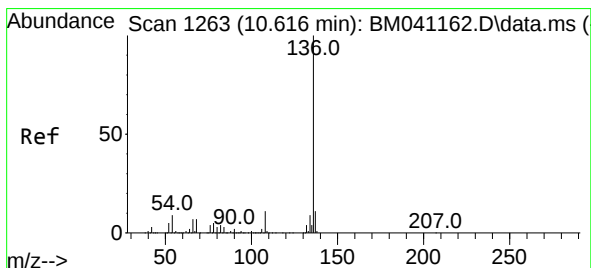
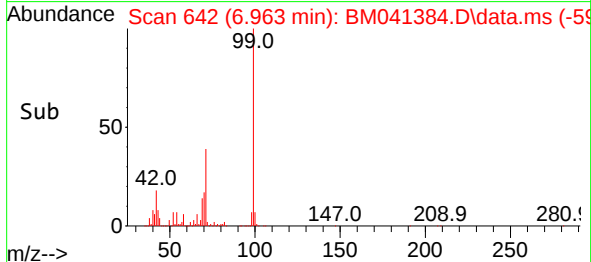
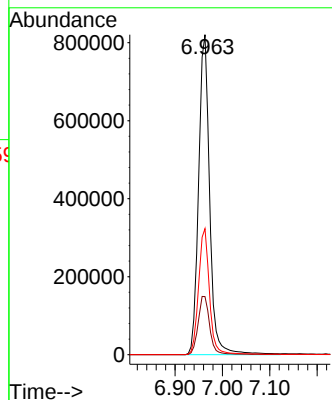
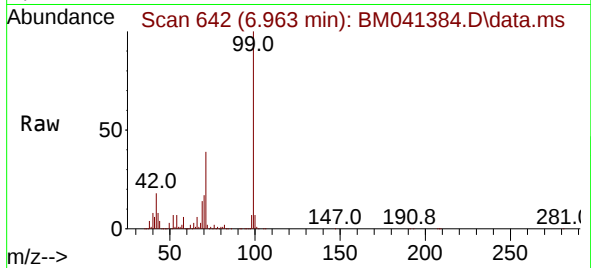




#7  
Phenol-d6  
Concen: 99.298 ng  
RT: 6.963 min Scan# 64  
Delta R.T. 0.006 min  
Lab File: BM041384.D  
Acq: 11 Aug 2023 13:08

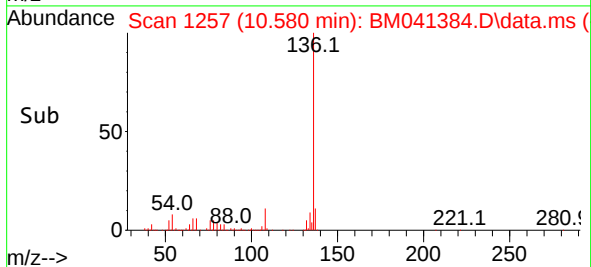
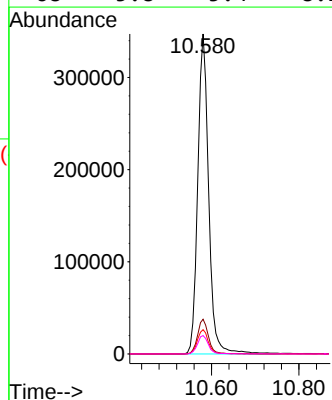
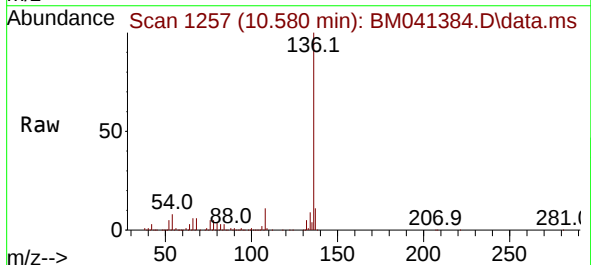
Instrument :  
BNA\_M  
ClientSampleId :  
WC-21

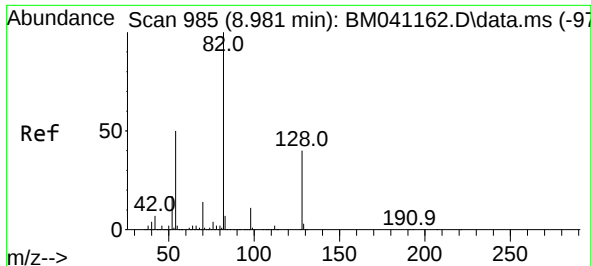
Tgt Ion: 99 Resp: 1330835  
Ion Ratio Lower Upper  
99 100  
42 18.2 15.4 23.0  
71 39.4 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.580 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: BM041384.D  
Acq: 11 Aug 2023 13:08

Tgt Ion:136 Resp: 604460  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 7.6 6.9 10.3  
68 5.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 80.428 ng

RT: 8.951 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041384.D

Acq: 11 Aug 2023 13:08

Instrument :

BNA\_M

ClientSampleId :

WC-21

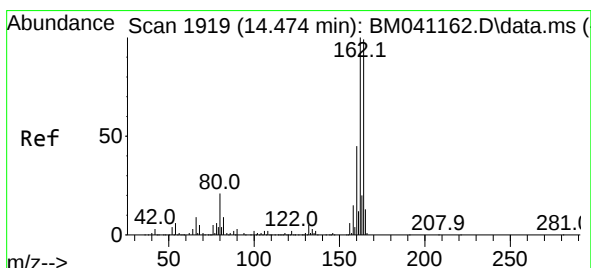
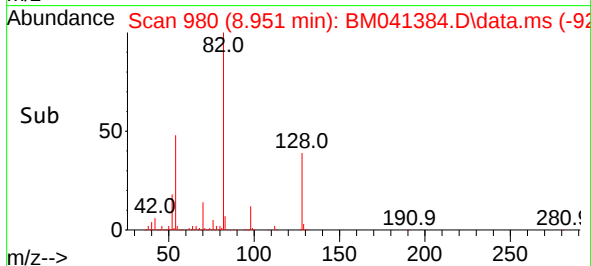
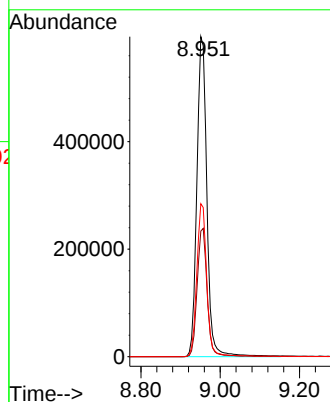
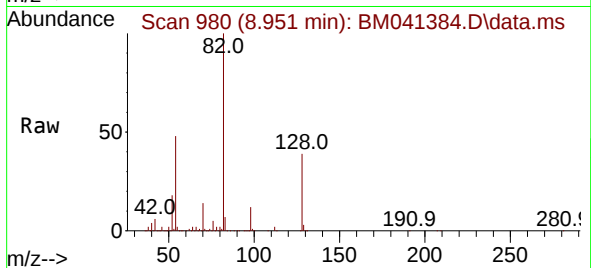
Tgt Ion: 82 Resp: 1045387

Ion Ratio Lower Upper

82 100

128 39.2 31.8 47.6

54 47.8 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: BM041384.D

Acq: 11 Aug 2023 13:08

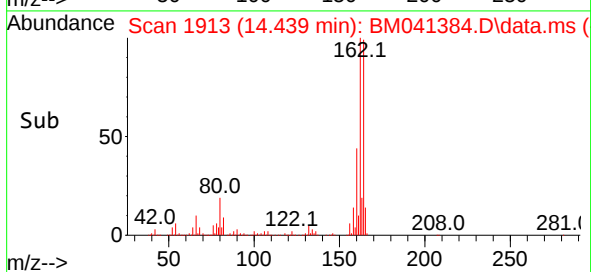
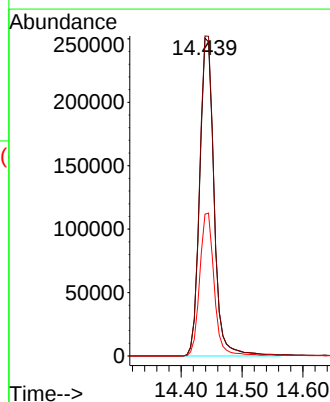
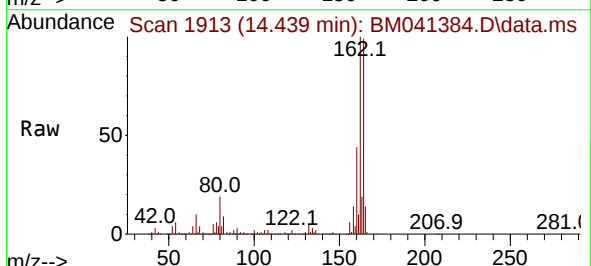
Tgt Ion: 164 Resp: 409880

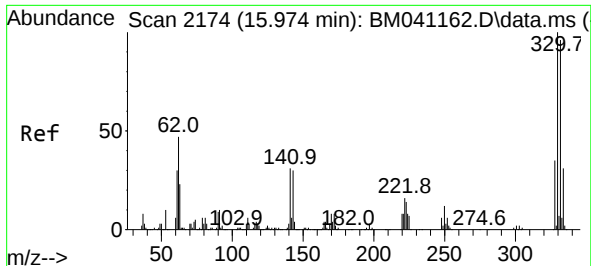
Ion Ratio Lower Upper

164 100

162 100.7 80.4 120.6

160 44.6 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 150.242 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041384.D

Acq: 11 Aug 2023 13:08

Instrument :

BNA\_M

ClientSampleId :

WC-21

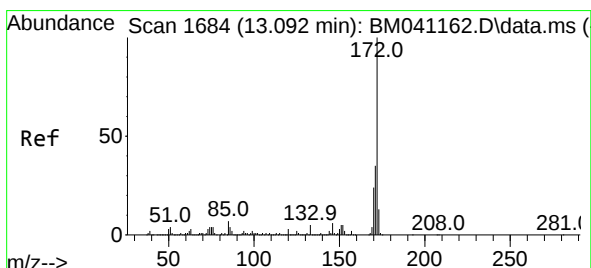
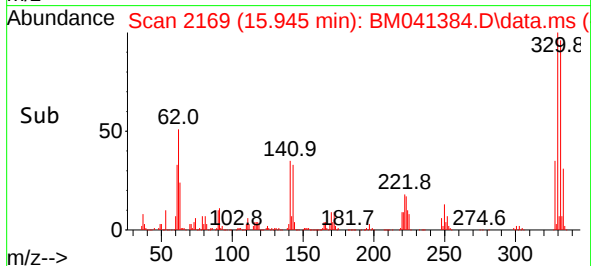
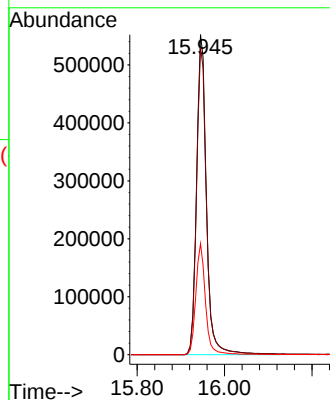
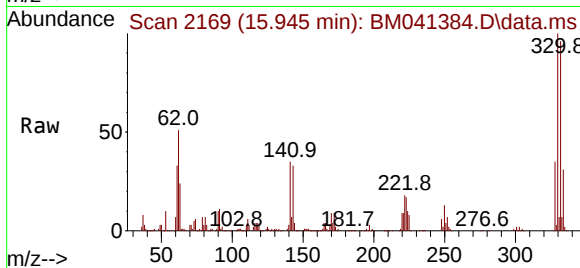
Tgt Ion:330 Resp: 871036

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 34.1 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 75.761 ng

RT: 13.057 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BM041384.D

Acq: 11 Aug 2023 13:08

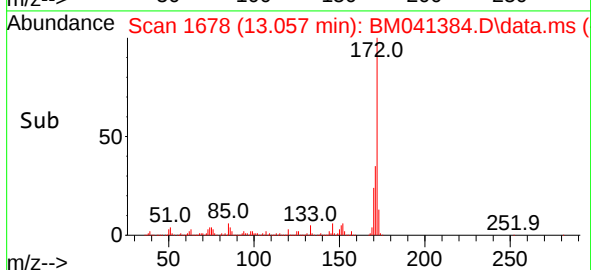
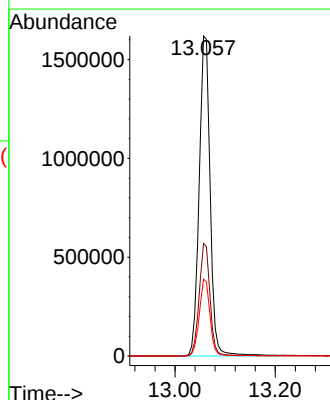
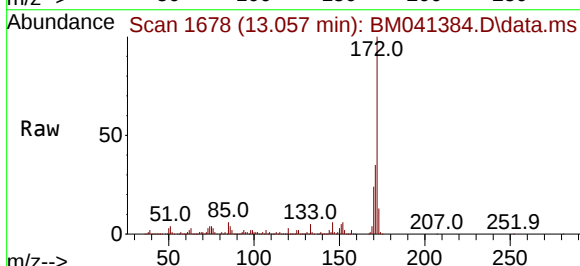
Tgt Ion:172 Resp: 2458173

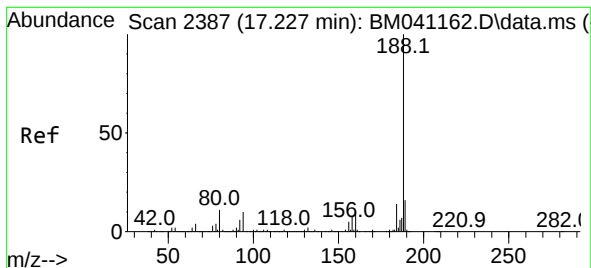
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 24.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041384.D

Acq: 11 Aug 2023 13:08

Instrument :

BNA\_M

ClientSampleId :

WC-21

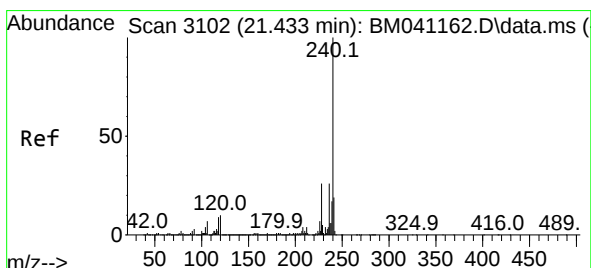
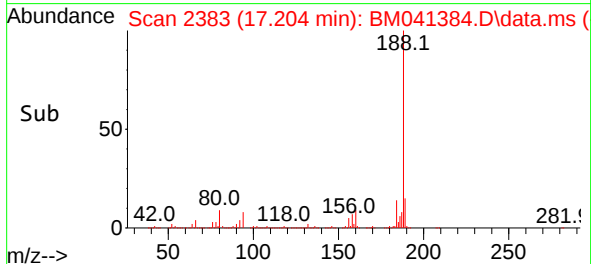
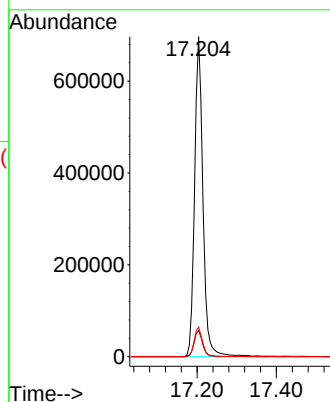
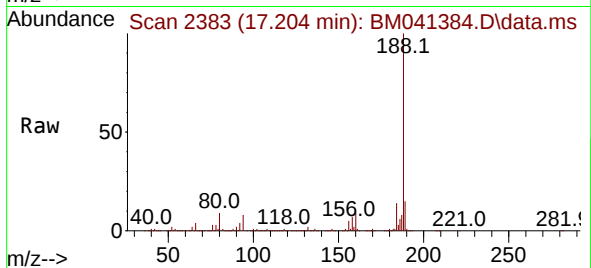
Tgt Ion:188 Resp: 1024259

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

80 9.3 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: BM041384.D

Acq: 11 Aug 2023 13:08

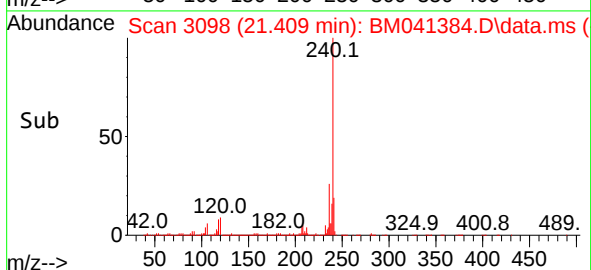
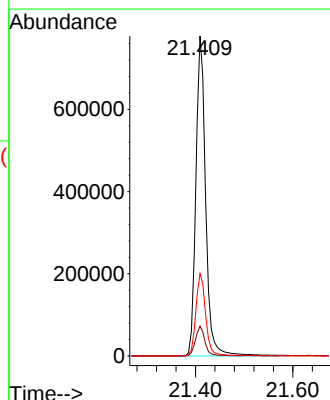
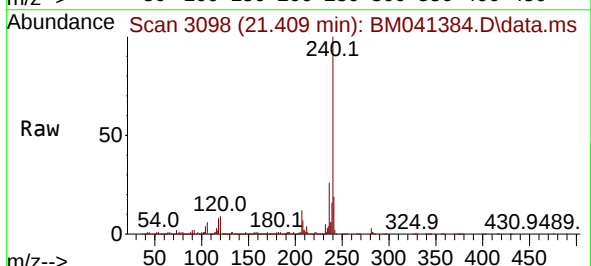
Tgt Ion:240 Resp: 1093891

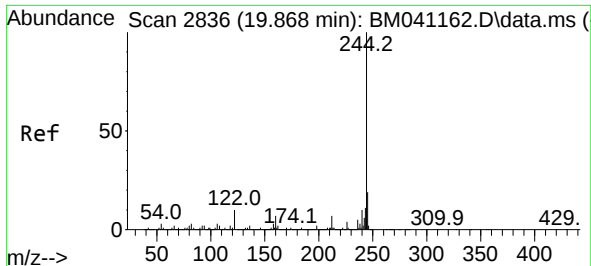
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 25.8 20.6 30.8

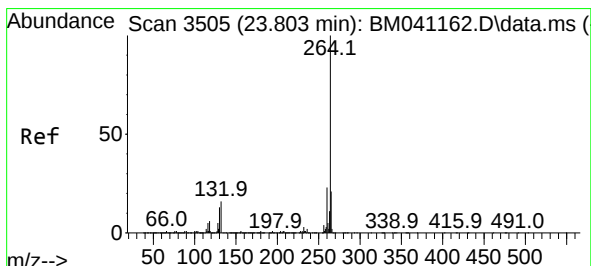
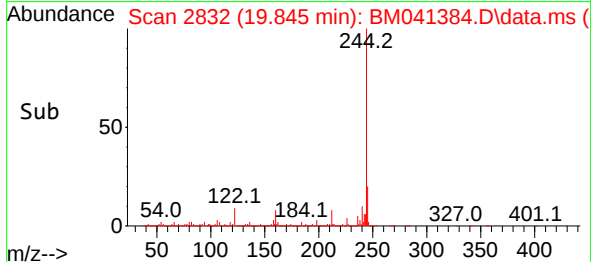
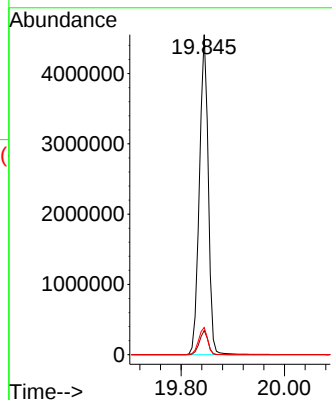
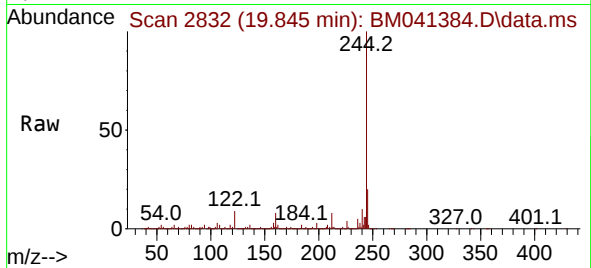




#79  
 Terphenyl-d14  
 Concen: 89.324 ng  
 RT: 19.845 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM041384.D  
 Acq: 11 Aug 2023 13:08

Instrument :  
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 WC-21

Tgt Ion:244 Resp: 5404167  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.4 8.2  
 122 8.5 7.8 11.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.780 min Scan# 3501  
 Delta R.T. -0.000 min  
 Lab File: BM041384.D  
 Acq: 11 Aug 2023 13:08

Tgt Ion:264 Resp: 1264086  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.5 27.7  
 265 22.1 17.4 26.0

