

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110923\  
 Data File : BM042676.D  
 Acq On : 09 Nov 2023 17:58  
 Operator : MA/JU  
 Sample : 05257-12  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-3

Quant Time: Nov 09 23:53:00 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   | 7.845  | 152  | 25792    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.663 | 136  | 90477    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.498 | 164  | 54110    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.251 | 188  | 108911   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.439 | 240  | 95862    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.809 | 264  | 111643   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 265454   | 166.102 | ng    | 0.00     |
| 7) Phenol-d6                | 7.010  | 99   | 315048   | 143.741 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.045  | 82   | 253368   | 130.543 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.998 | 330  | 137775   | 195.024 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.122 | 172  | 492453   | 122.462 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.874 | 244  | 765466   | 135.396 | ng    | 0.00     |

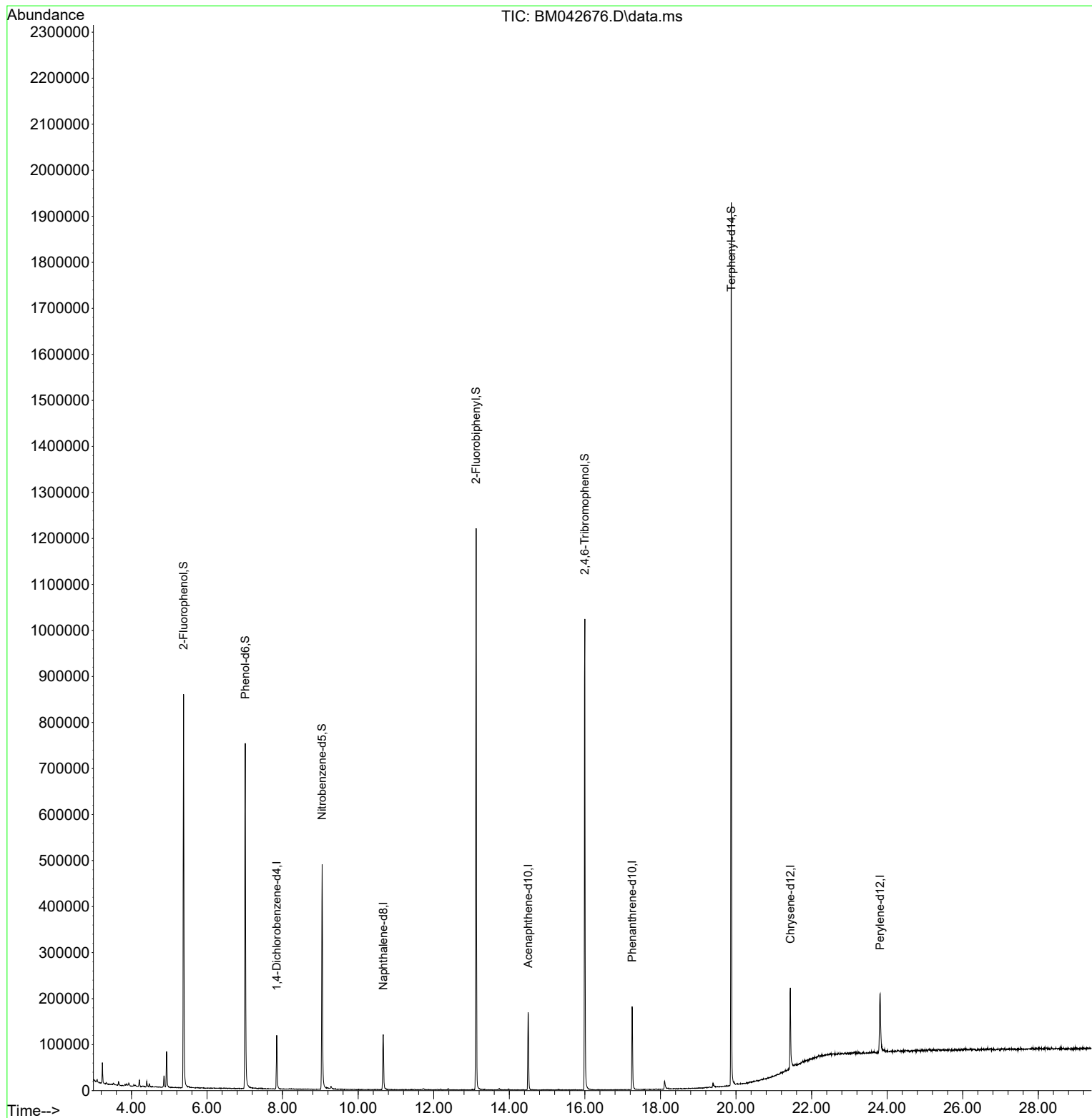
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

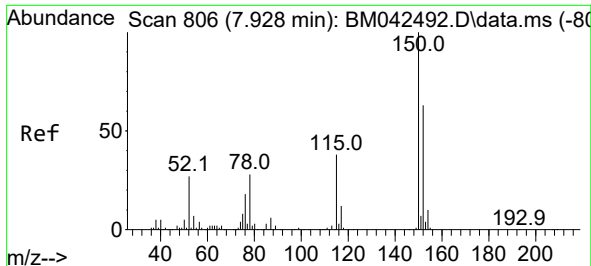
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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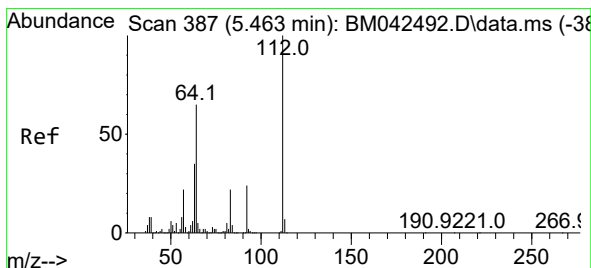
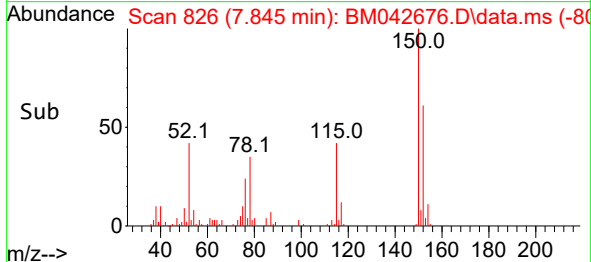
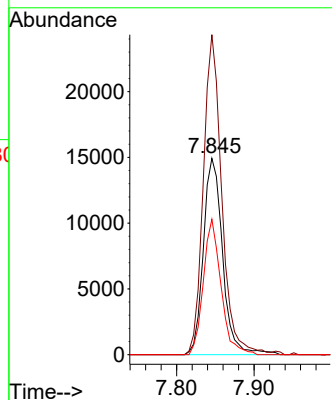
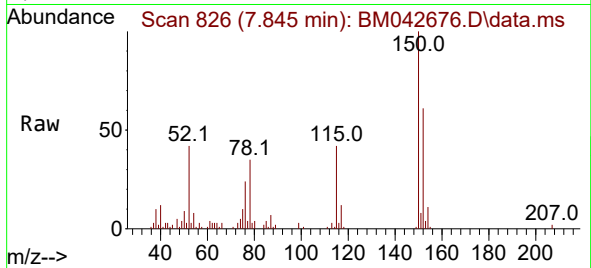




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.845 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BM042676.D  
Acq: 09 Nov 2023 17:58

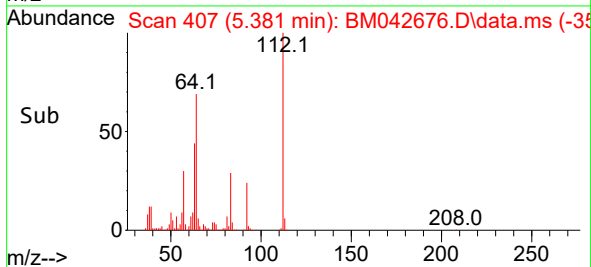
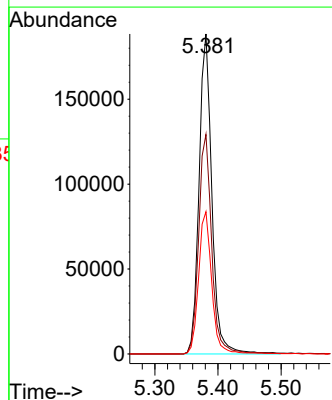
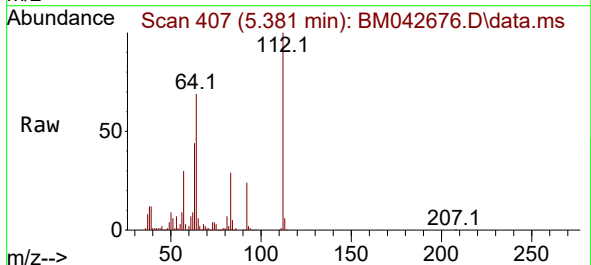
Instrument :  
BNA\_M  
ClientSampleId :  
WC-3

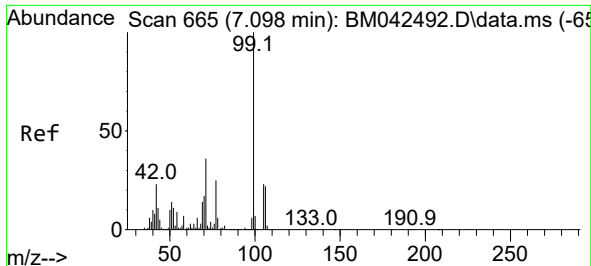
Tgt Ion:152 Resp: 25792  
Ion Ratio Lower Upper  
152 100  
150 162.9 127.4 191.0  
115 68.9 47.9 71.9



#5  
2-Fluorophenol  
Concen: 166.102 ng  
RT: 5.381 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: BM042676.D  
Acq: 09 Nov 2023 17:58

Tgt Ion:112 Resp: 265454  
Ion Ratio Lower Upper  
112 100  
64 68.6 52.1 78.1  
63 44.5 28.3 42.5#

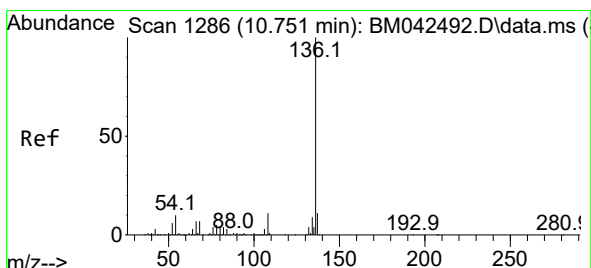
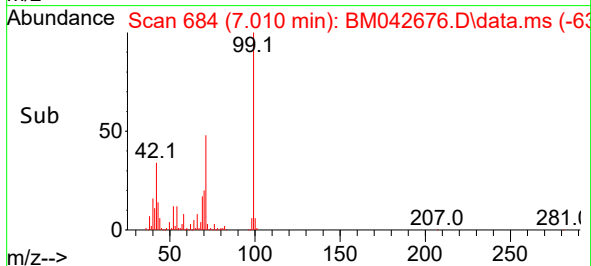
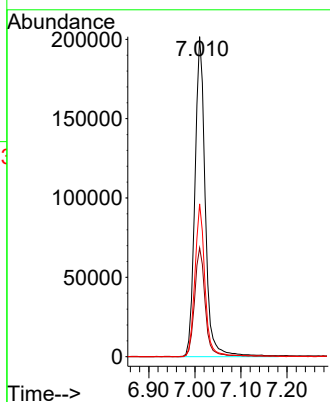
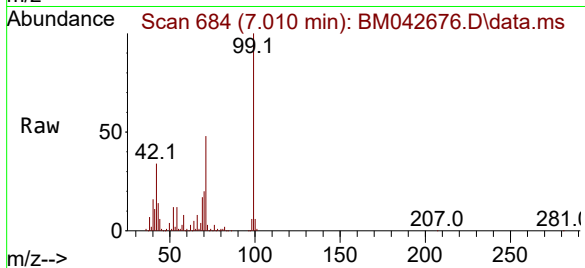




#7  
Phenol-d6  
Concen: 143.741 ng  
RT: 7.010 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM042676.D  
Acq: 09 Nov 2023 17:58

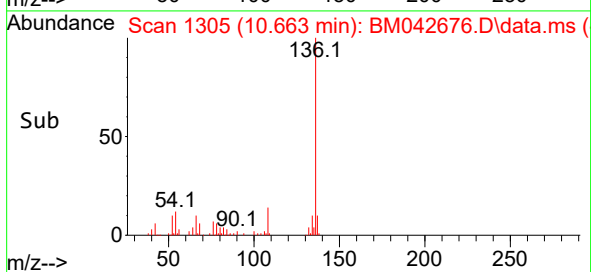
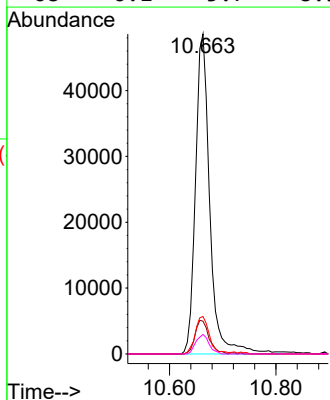
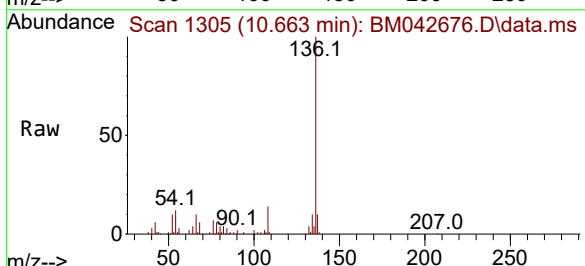
Instrument :  
BNA\_M  
ClientSampleId :  
WC-3

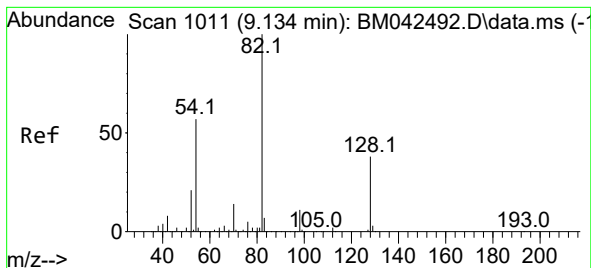
Tgt Ion: 99 Resp: 315048  
Ion Ratio Lower Upper  
99 100  
42 34.0 18.7 28.1#  
71 47.7 29.1 43.7#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BM042676.D  
Acq: 09 Nov 2023 17:58

Tgt Ion: 136 Resp: 90477  
Ion Ratio Lower Upper  
136 100  
137 10.3 9.0 13.6  
54 11.7 8.0 12.0  
68 6.1 5.7 8.5





#23

Nitrobenzene-d5

Concen: 130.543 ng

RT: 9.045 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BM042676.D

Acq: 09 Nov 2023 17:58

Instrument :

BNA\_M

ClientSampleId :

WC-3

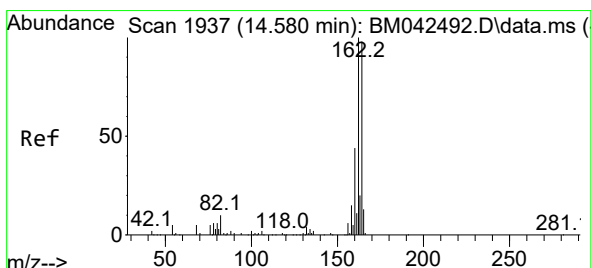
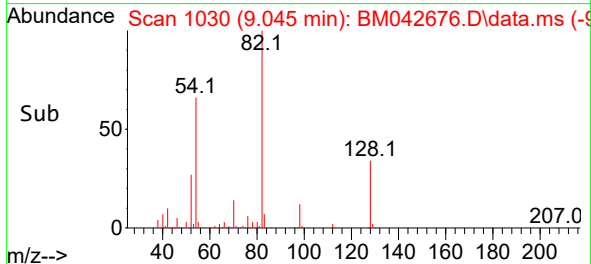
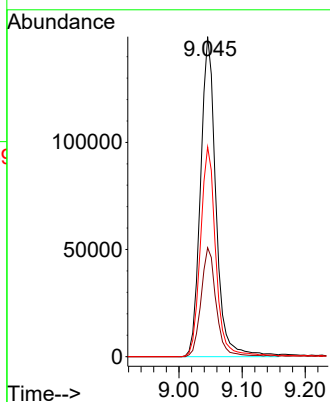
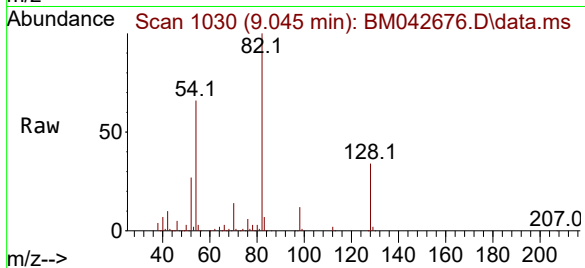
Tgt Ion: 82 Resp: 253368

Ion Ratio Lower Upper

82 100

128 34.1 30.7 46.1

54 65.6 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BM042676.D

Acq: 09 Nov 2023 17:58

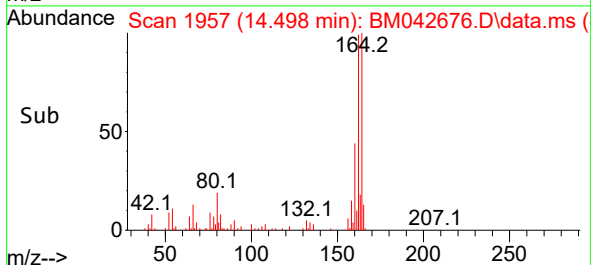
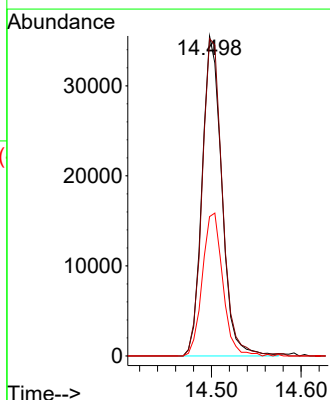
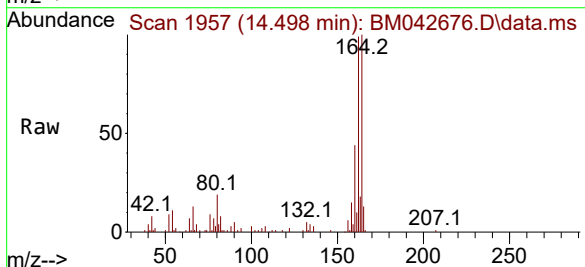
Tgt Ion: 164 Resp: 54110

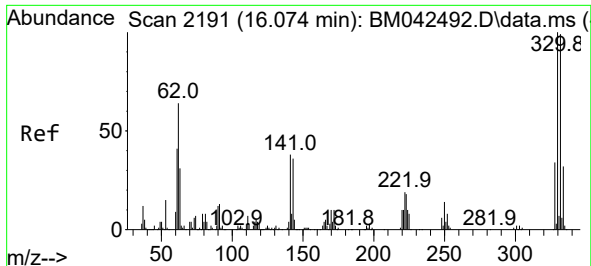
Ion Ratio Lower Upper

164 100

162 99.2 81.6 122.4

160 43.5 36.2 54.4

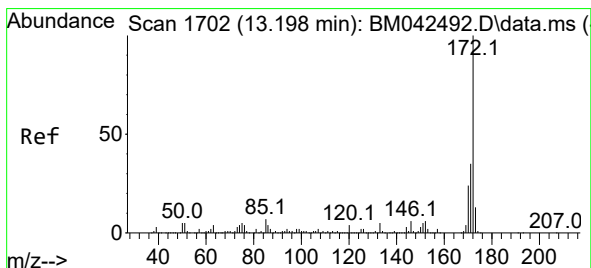
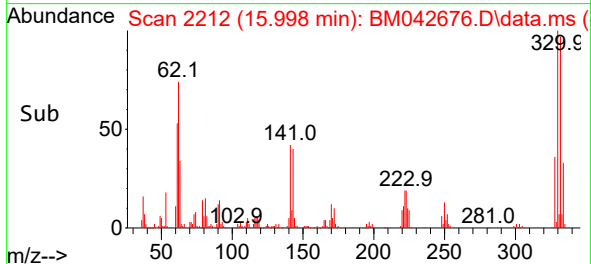
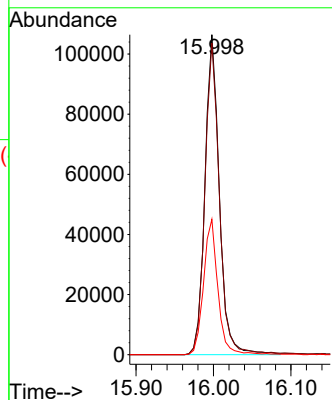
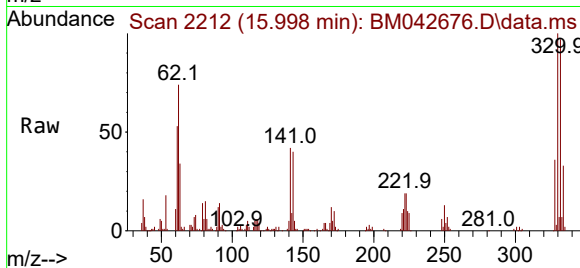




#42  
2,4,6-Tribromophenol  
Concen: 195.024 ng  
RT: 15.998 min Scan# 2191  
Delta R.T. 0.000 min  
Lab File: BM042676.D  
Acq: 09 Nov 2023 17:58

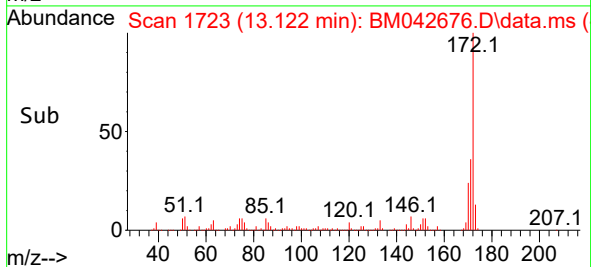
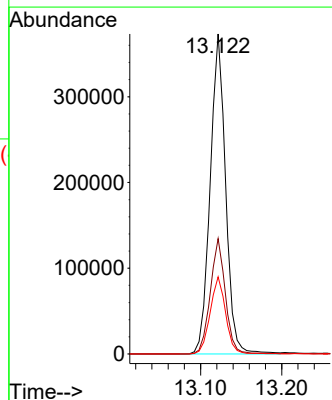
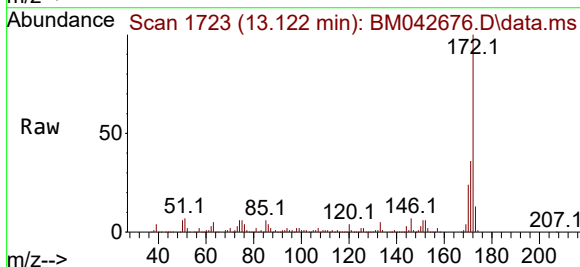
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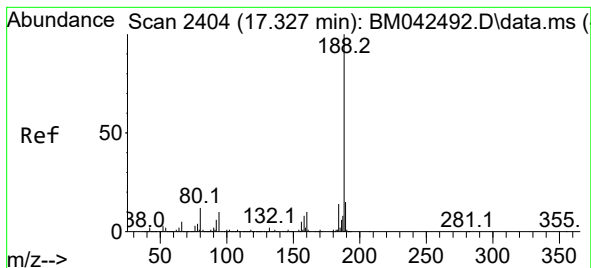
Tgt Ion:330 Resp: 137775  
Ion Ratio Lower Upper  
330 100  
332 98.6 78.8 118.2  
141 42.3 31.1 46.7



#45  
2-Fluorobiphenyl  
Concen: 122.462 ng  
RT: 13.122 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: BM042676.D  
Acq: 09 Nov 2023 17:58

Tgt Ion:172 Resp: 492453  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.2 42.2  
170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042676.D

Acq: 09 Nov 2023 17:58

Instrument :

BNA\_M

ClientSampleId :

WC-3

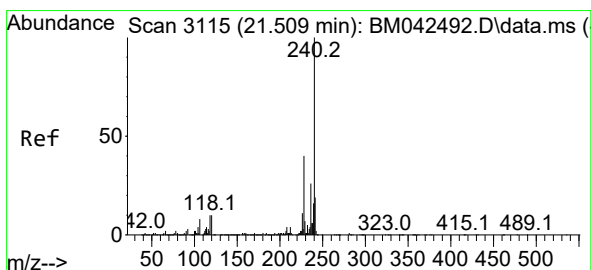
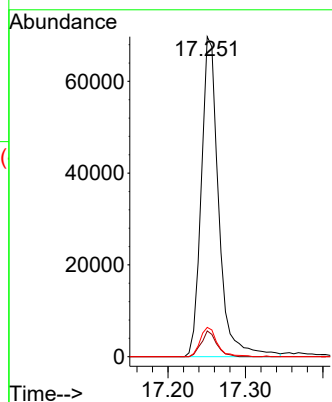
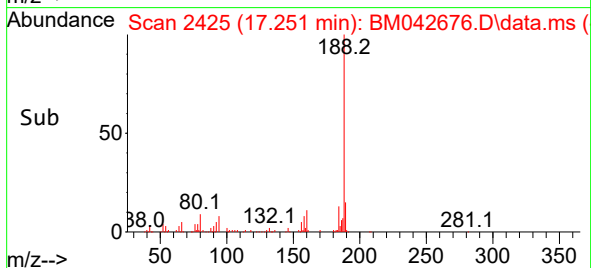
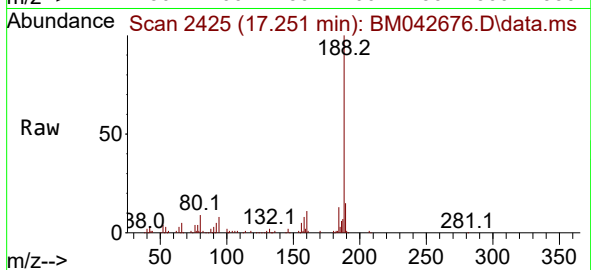
Tgt Ion:188 Resp: 108911

Ion Ratio Lower Upper

188 100

94 8.1 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: BM042676.D

Acq: 09 Nov 2023 17:58

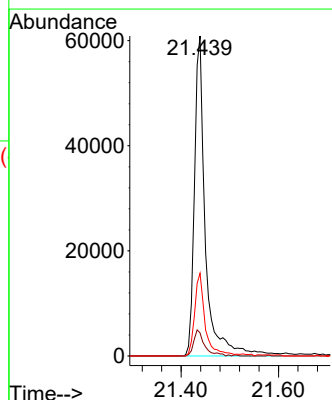
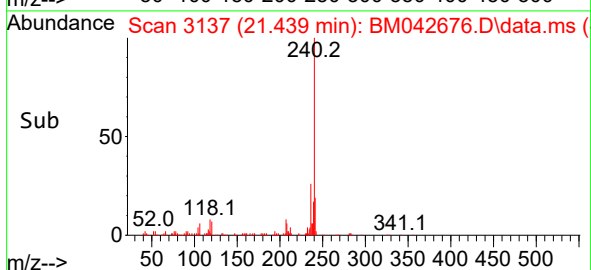
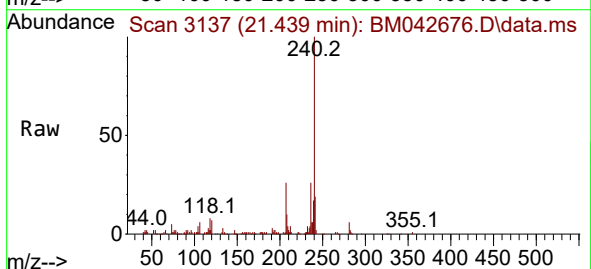
Tgt Ion:240 Resp: 95862

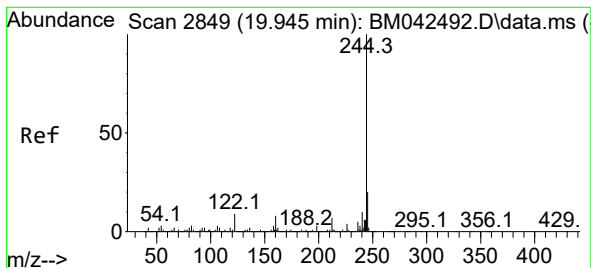
Ion Ratio Lower Upper

240 100

120 7.2 8.3 12.5#

236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 135.396 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042676.D

Acq: 09 Nov 2023 17:58

Instrument :

BNA\_M

ClientSampleId :

WC-3

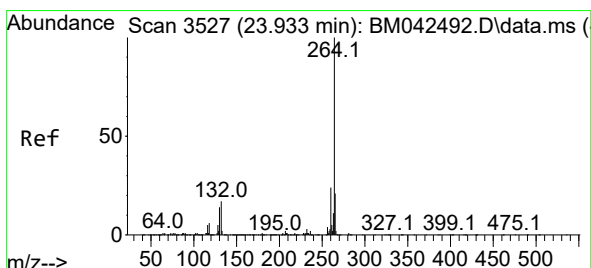
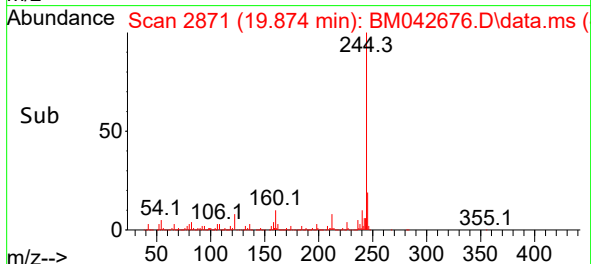
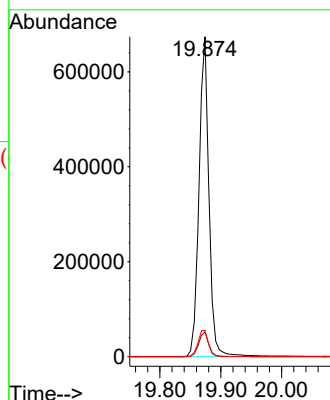
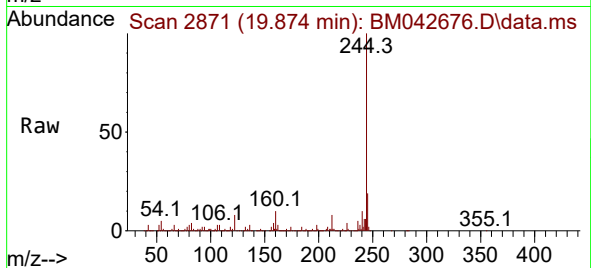
Tgt Ion:244 Resp: 765466

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

122 8.2 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.809 min Scan# 3540

Delta R.T. -0.006 min

Lab File: BM042676.D

Acq: 09 Nov 2023 17:58

Tgt Ion:264 Resp: 111643

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 24.7 18.7 28.1

