

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020323\  
 Data File : BM038687.D  
 Acq On : 03 Feb 2023 20:00  
 Operator : CG/JU  
 Sample : 01414-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SASP2-123-2(65-72)

Quant Time: Feb 04 05:22:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 04 05:17:53 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.922  | 152  | 68485    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.733 | 136  | 223778   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.563 | 164  | 159098   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.310 | 188  | 348132   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.486 | 240  | 298933   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.880 | 264  | 377941   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 337202   | 96.452 | ng    | 0.00     |
| 7) Phenol-d6                | 7.104  | 99   | 397266   | 99.631 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.098  | 82   | 220294   | 55.916 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.057 | 330  | 210312   | 97.254 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.192 | 172  | 705995   | 56.494 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.921 | 244  | 1019363  | 60.175 | ng    | 0.00     |

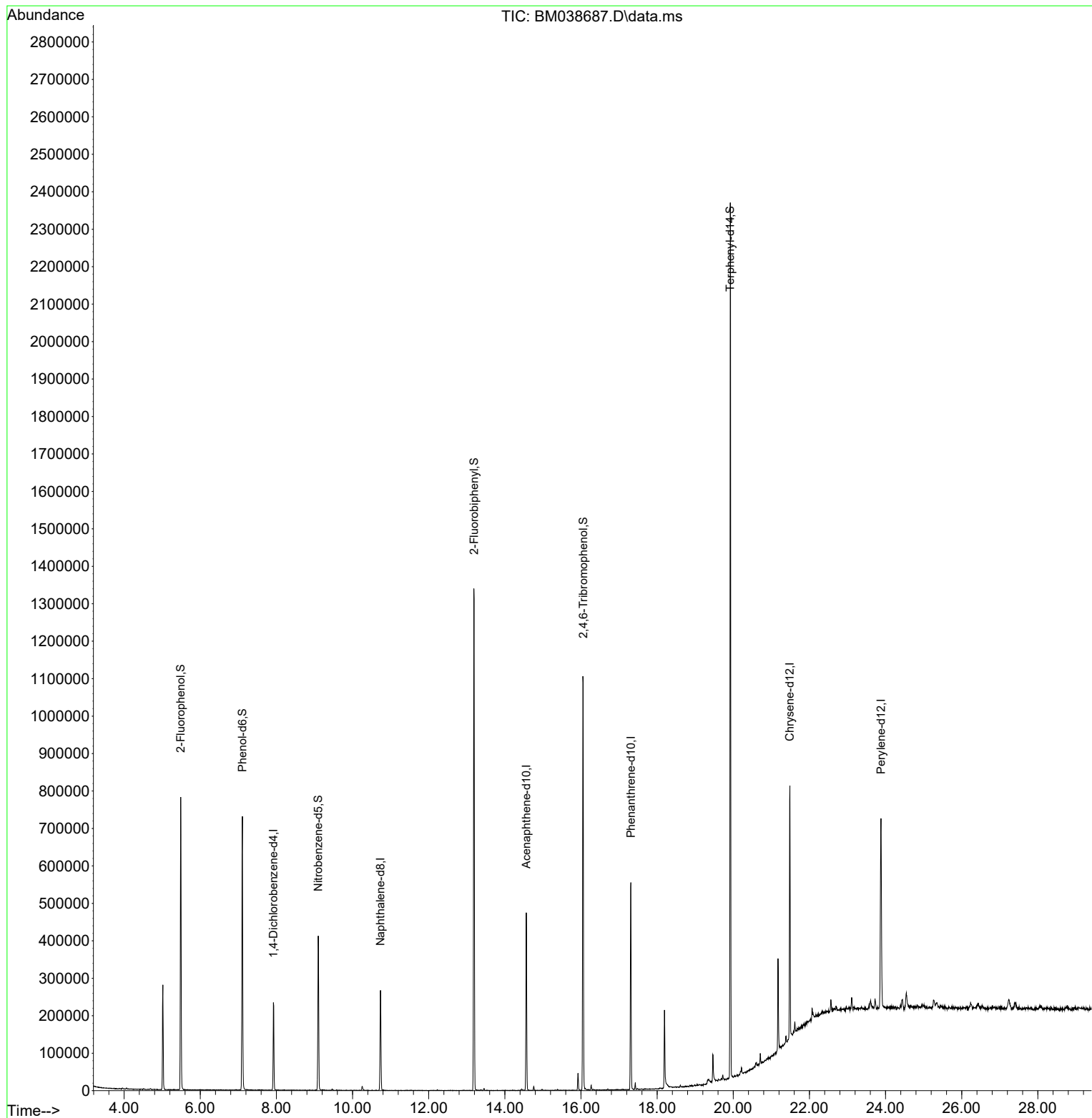
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

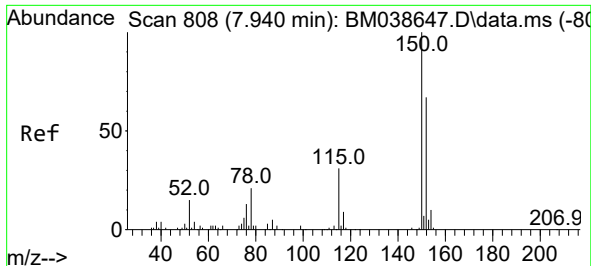
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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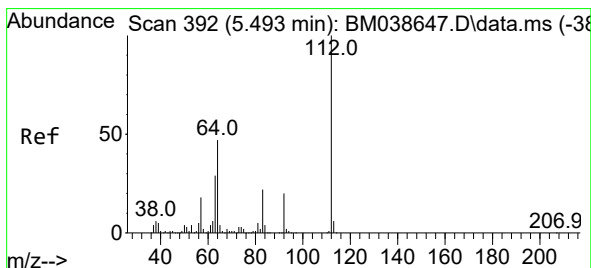
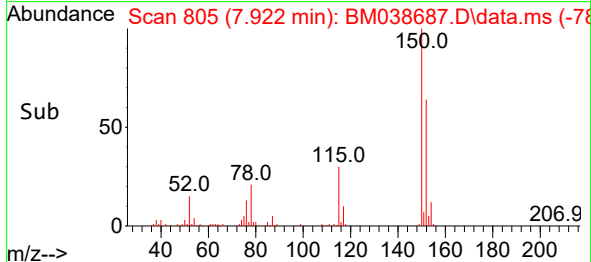
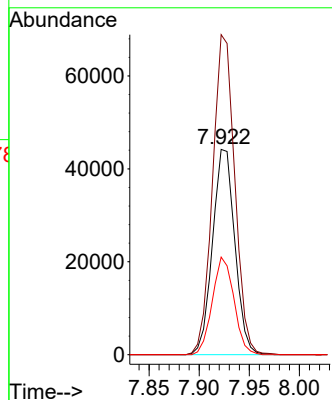
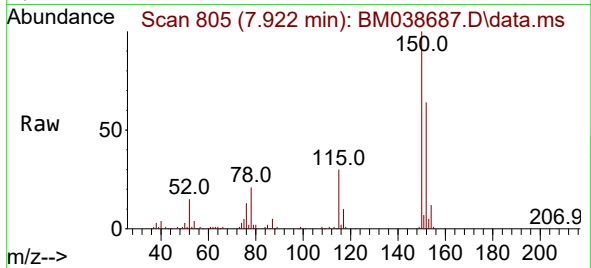




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.922 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BM038687.D  
Acq: 03 Feb 2023 20:00

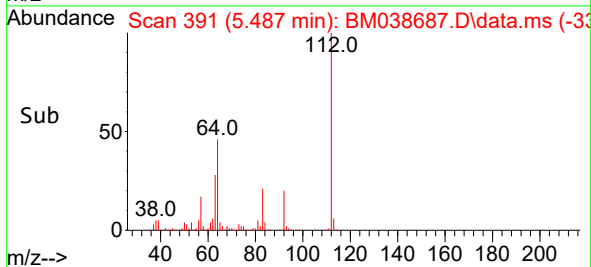
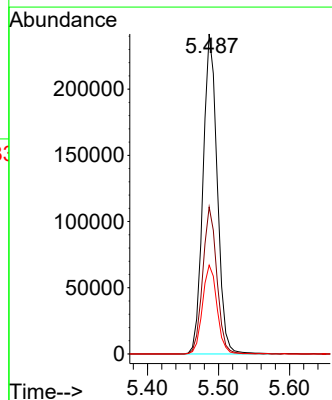
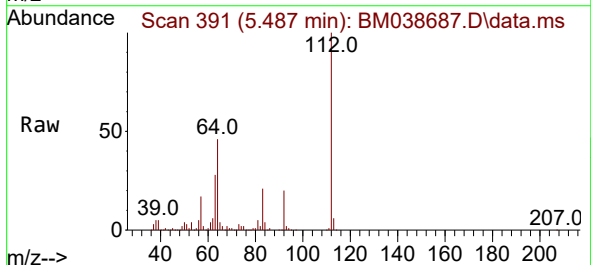
Instrument :  
BNA\_M  
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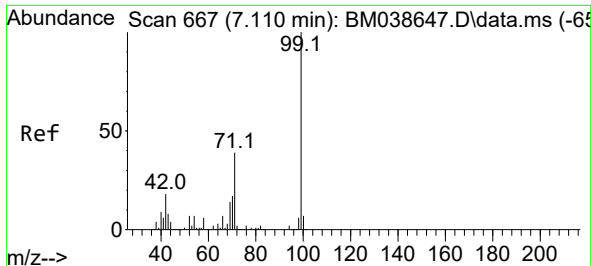
Tgt Ion:152 Resp: 68485  
Ion Ratio Lower Upper  
152 100  
150 155.8 119.5 179.3  
115 47.5 37.6 56.4



#5  
2-Fluorophenol  
Concen: 96.452 ng  
RT: 5.487 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: BM038687.D  
Acq: 03 Feb 2023 20:00

Tgt Ion:112 Resp: 337202  
Ion Ratio Lower Upper  
112 100  
64 45.9 37.9 56.9  
63 27.7 23.3 34.9

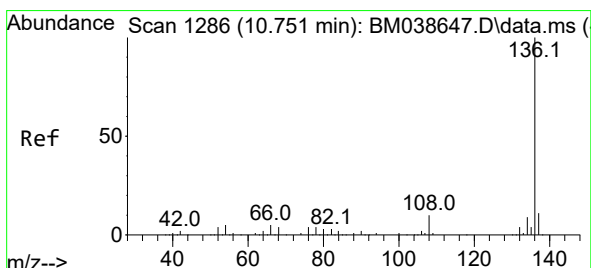
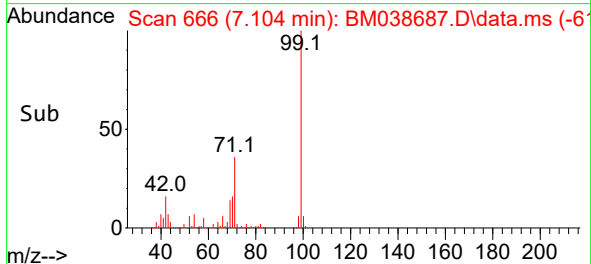
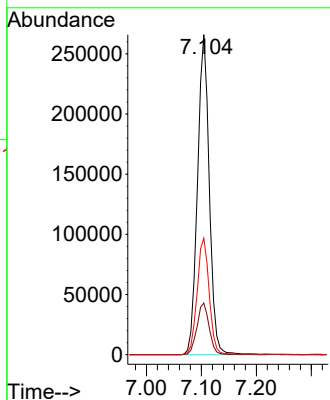
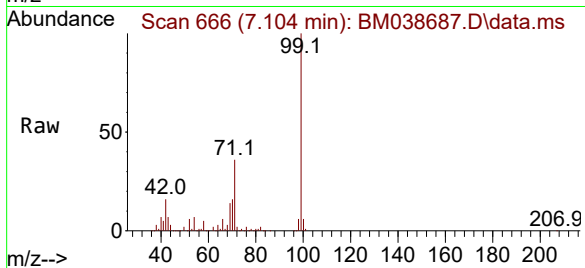




#7  
Phenol-d6  
Concen: 99.631 ng  
RT: 7.104 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BM038687.D  
Acq: 03 Feb 2023 20:00

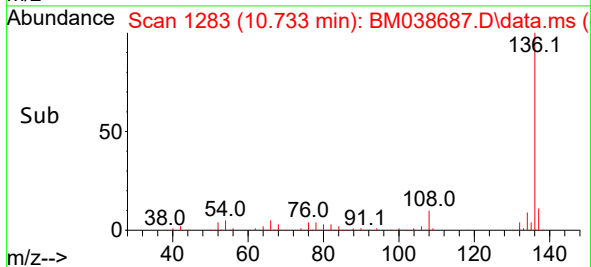
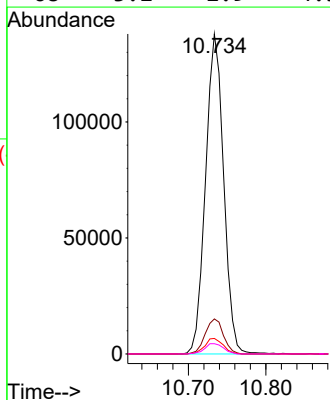
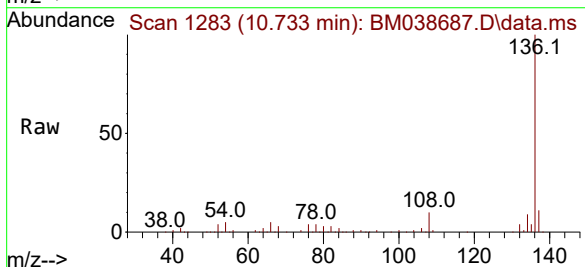
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-123-2(65-72)

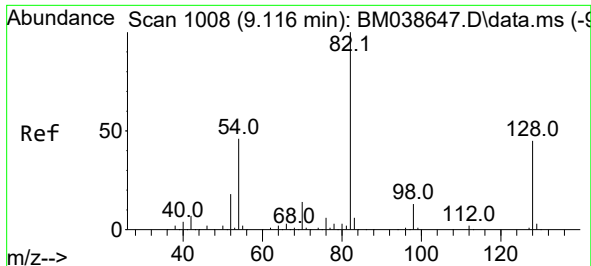
Tgt Ion: 99 Resp: 397266  
Ion Ratio Lower Upper  
99 100  
42 16.2 14.6 22.0  
71 36.4 31.0 46.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.733 min Scan# 1283  
Delta R.T. -0.000 min  
Lab File: BM038687.D  
Acq: 03 Feb 2023 20:00

Tgt Ion: 136 Resp: 223778  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 4.8 4.2 6.4  
68 3.2 2.9 4.3





#23

Nitrobenzene-d5

Concen: 55.916 ng

RT: 9.098 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BM038687.D

Acq: 03 Feb 2023 20:00

Instrument :

BNA\_M

ClientSampleId :

SASP2-123-2(65-72)

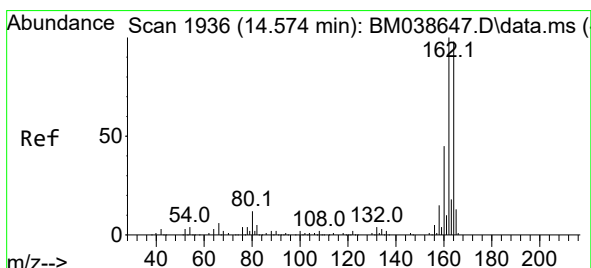
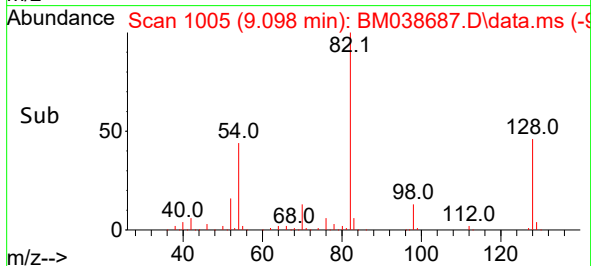
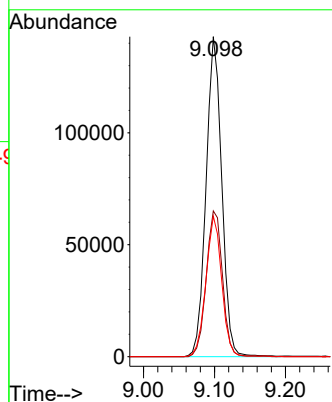
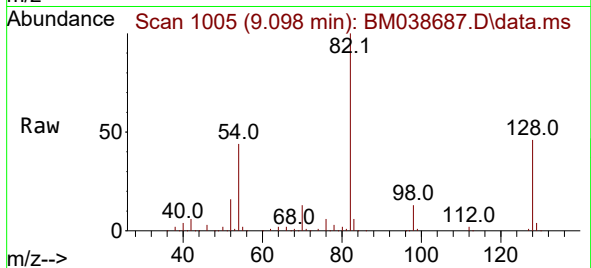
Tgt Ion: 82 Resp: 220294

Ion Ratio Lower Upper

82 100

128 45.6 36.0 54.0

54 43.9 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BM038687.D

Acq: 03 Feb 2023 20:00

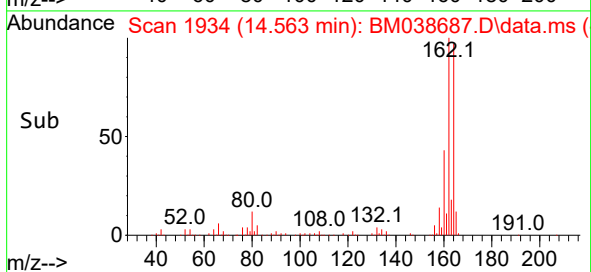
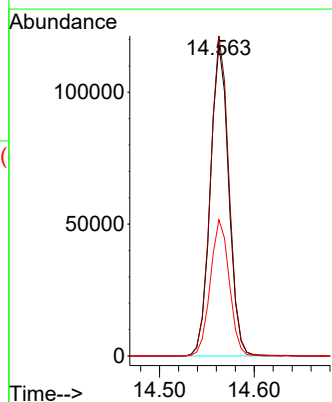
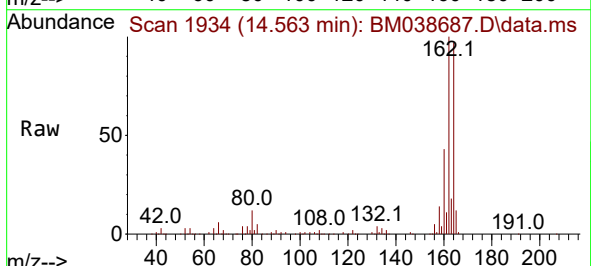
Tgt Ion: 164 Resp: 159098

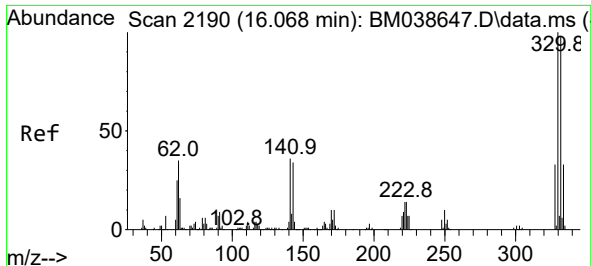
Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.0

160 43.7 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 97.254 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038687.D

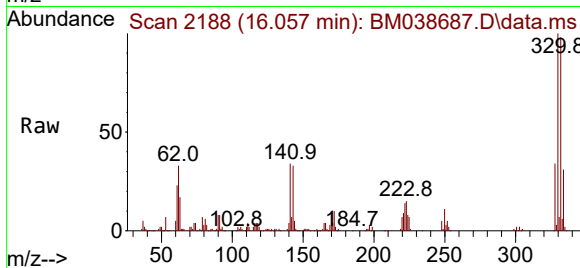
Acq: 03 Feb 2023 20:00

Instrument :

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ClientSampleId :

SASP2-123-2(65-72)



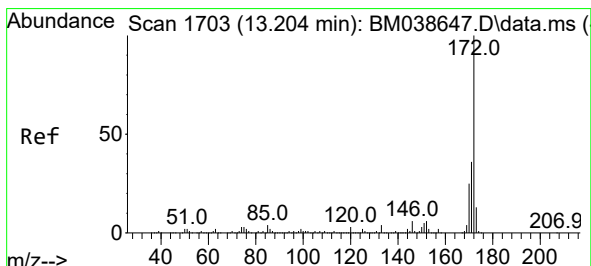
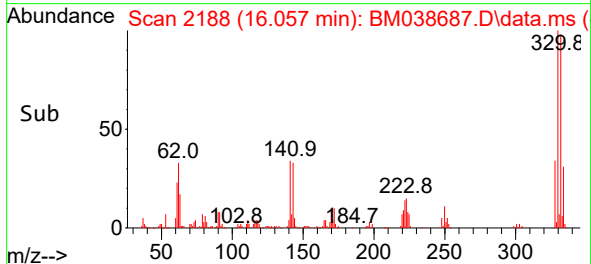
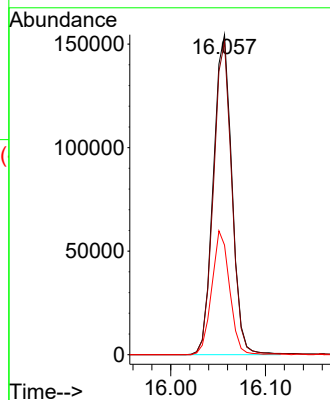
Tgt Ion:330 Resp: 210312

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

141 37.2 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 56.494 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BM038687.D

Acq: 03 Feb 2023 20:00

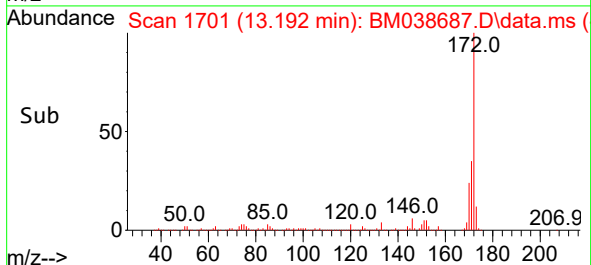
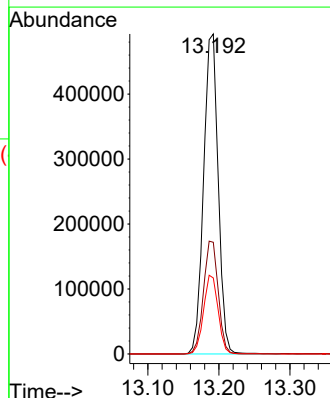
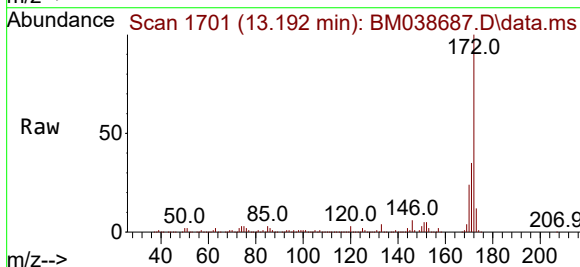
Tgt Ion:172 Resp: 705995

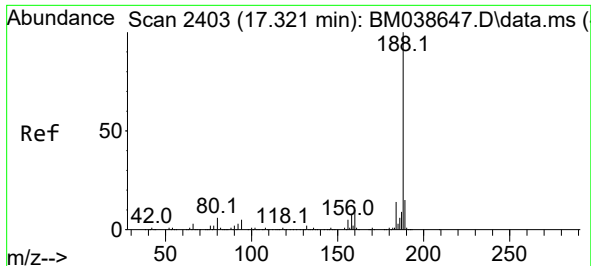
Ion Ratio Lower Upper

172 100

171 34.9 28.7 43.1

170 23.8 20.0 30.0

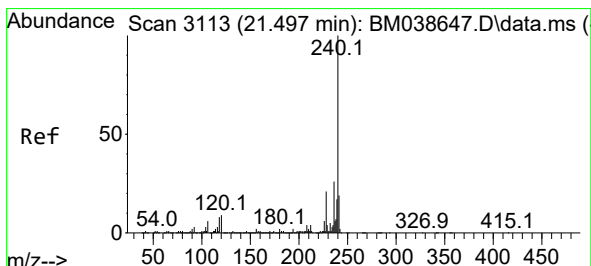
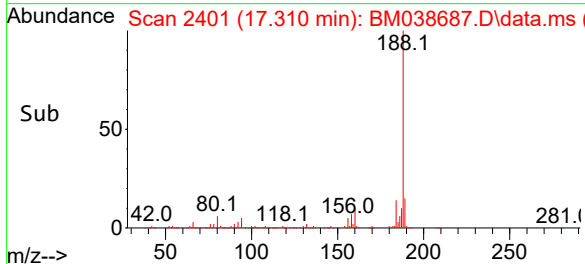
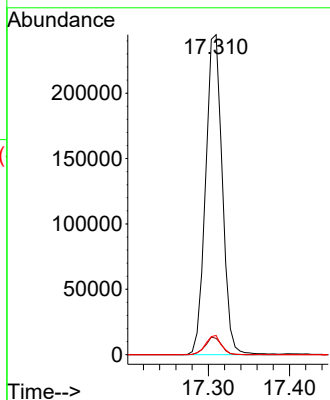
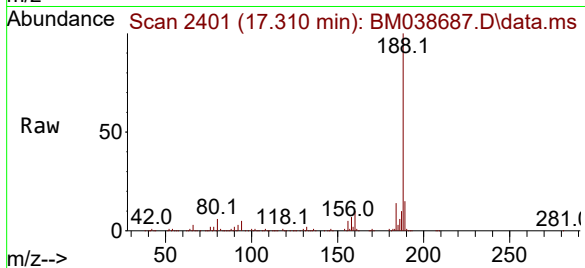




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.310 min Scan# 2403  
Delta R.T. -0.000 min  
Lab File: BM038687.D  
Acq: 03 Feb 2023 20:00

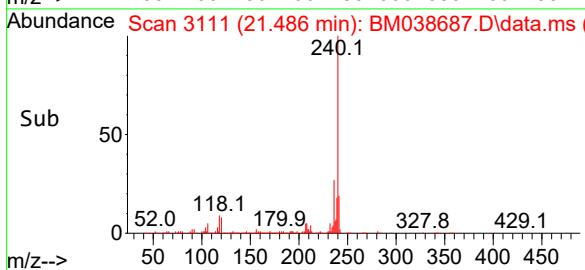
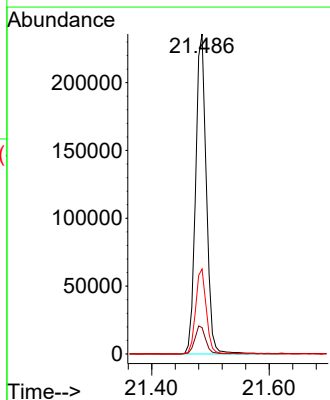
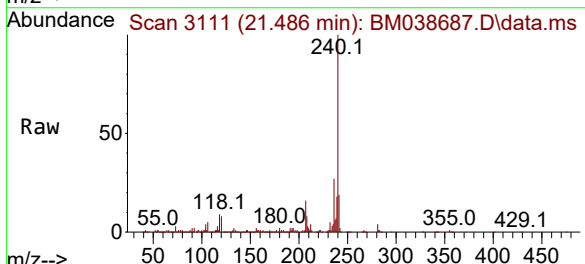
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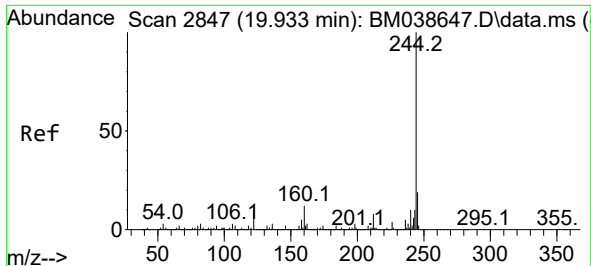
Tgt Ion:188 Resp: 348132  
Ion Ratio Lower Upper  
188 100  
94 5.1 4.2 6.4  
80 6.0 4.6 7.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.486 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BM038687.D  
Acq: 03 Feb 2023 20:00

Tgt Ion:240 Resp: 298933  
Ion Ratio Lower Upper  
240 100  
120 8.3 7.0 10.4  
236 26.6 20.9 31.3

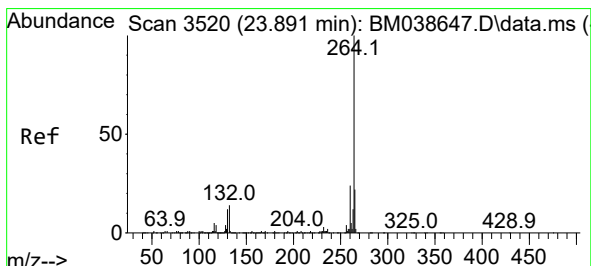
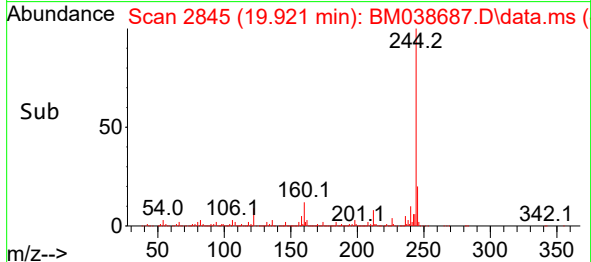
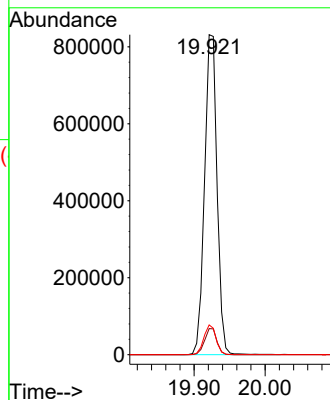
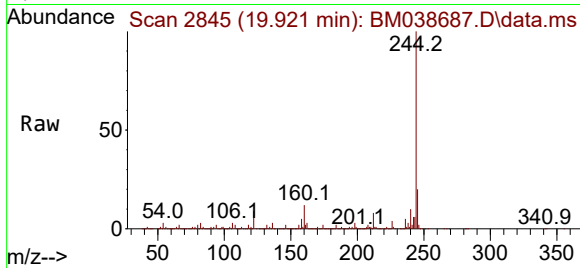




#79  
 Terphenyl-d14  
 Concen: 60.175 ng  
 RT: 19.921 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM038687.D  
 Acq: 03 Feb 2023 20:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SASP2-123-2(65-72)

Tgt Ion:244 Resp: 1019363  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.6 9.8  
 122 9.3 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.880 min Scan# 3518  
 Delta R.T. -0.006 min  
 Lab File: BM038687.D  
 Acq: 03 Feb 2023 20:00

Tgt Ion:264 Resp: 377941  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.6 29.4  
 265 22.6 17.9 26.9

