

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021623\  
 Data File : BM038764.D  
 Acq On : 16 Feb 2023 19:25  
 Operator : CG/JU  
 Sample : 01556-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OH-CON-0214

Quant Time: Feb 17 06:11:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 06:10:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.910  | 152  | 31876    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.722 | 136  | 115217   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.557 | 164  | 85990    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.304 | 188  | 200884   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.480 | 240  | 225641   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.862 | 264  | 310316   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 178301   | 109.573 | ng    | 0.00     |
| 7) Phenol-d6                | 7.087  | 99   | 242630   | 130.734 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.087  | 82   | 137053   | 67.565  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.051 | 330  | 106011   | 90.701  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.181 | 172  | 446191   | 66.059  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.921 | 244  | 986408   | 77.144  | ng    | 0.00     |

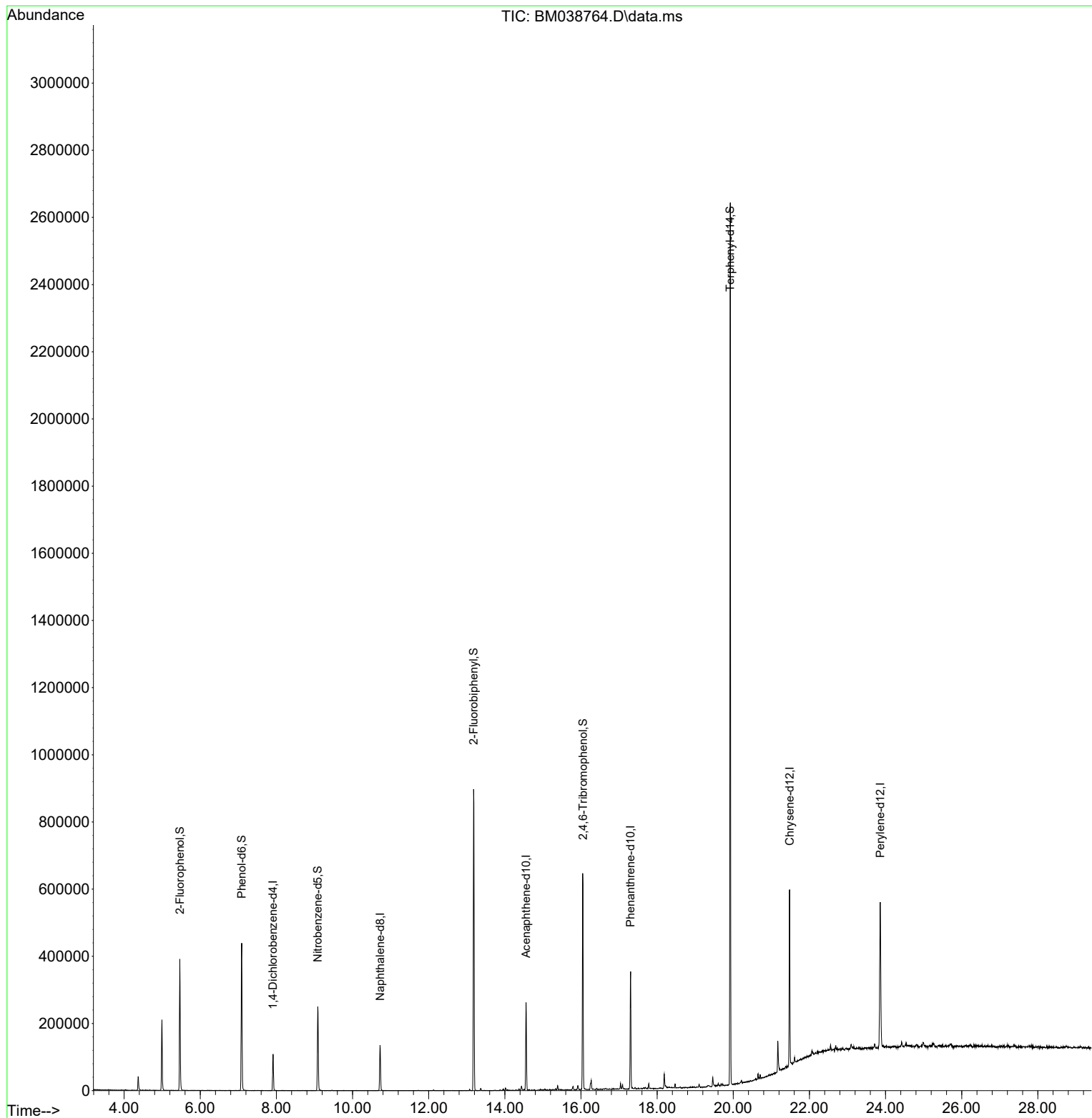
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

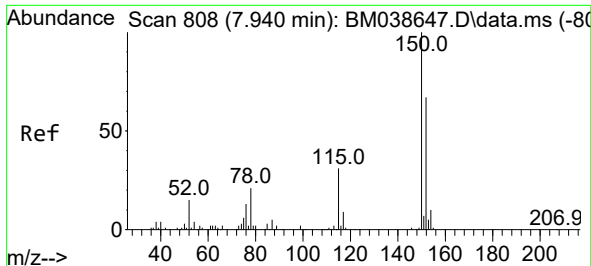
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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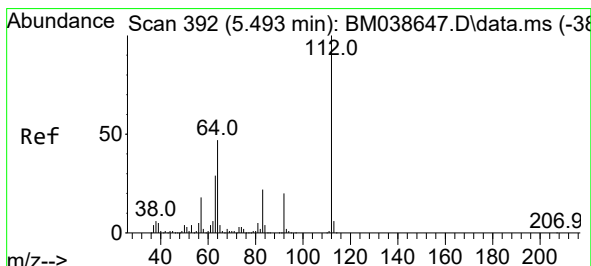
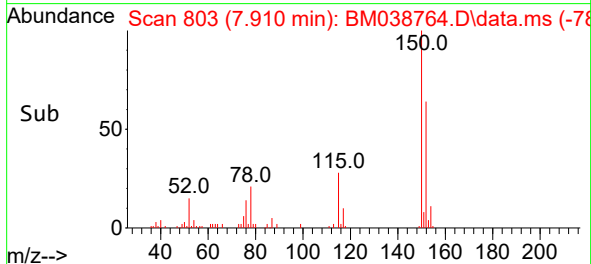
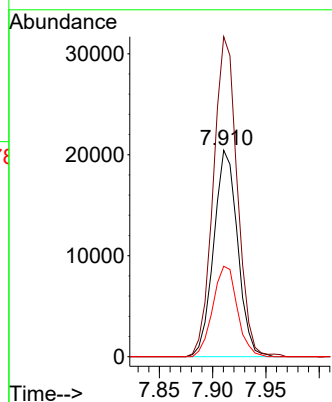
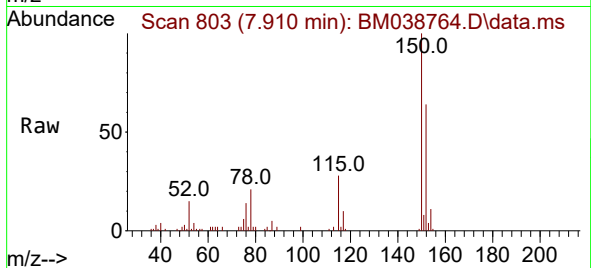




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.910 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BM038764.D  
Acq: 16 Feb 2023 19:25

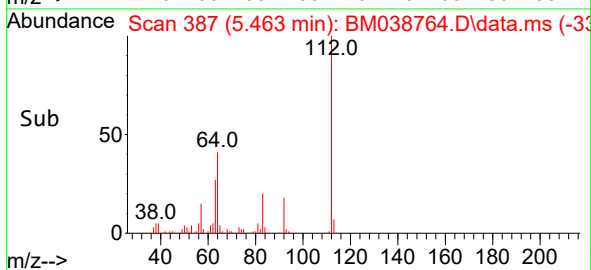
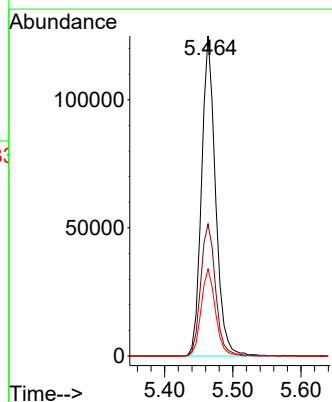
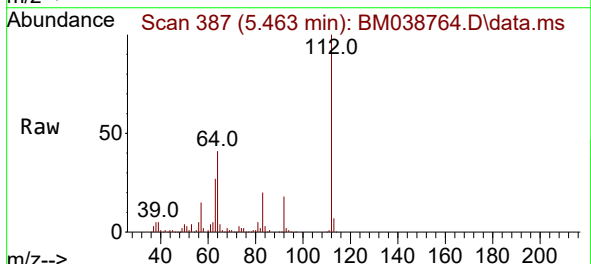
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BNA\_M  
ClientSampleId :  
OH-CON-0214

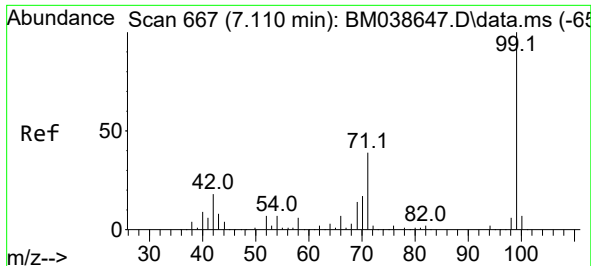
Tgt Ion:152 Resp: 31876  
Ion Ratio Lower Upper  
152 100  
150 155.1 119.5 179.3  
115 43.8 37.6 56.4



#5  
2-Fluorophenol  
Concen: 109.573 ng  
RT: 5.463 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: BM038764.D  
Acq: 16 Feb 2023 19:25

Tgt Ion:112 Resp: 178301  
Ion Ratio Lower Upper  
112 100  
64 41.2 37.9 56.9  
63 27.1 23.3 34.9

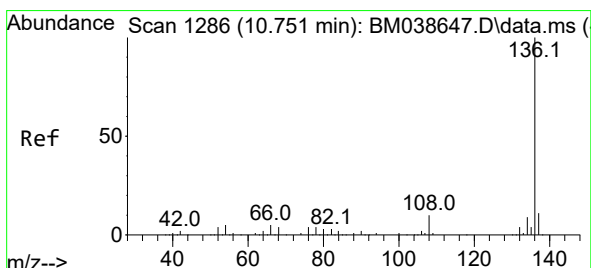
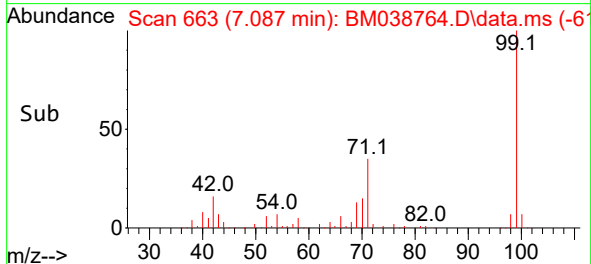
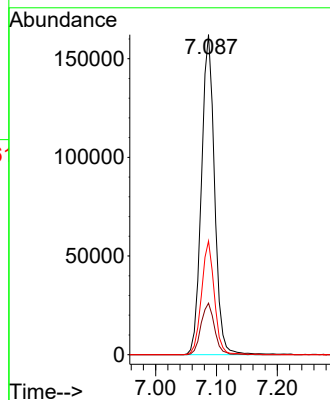
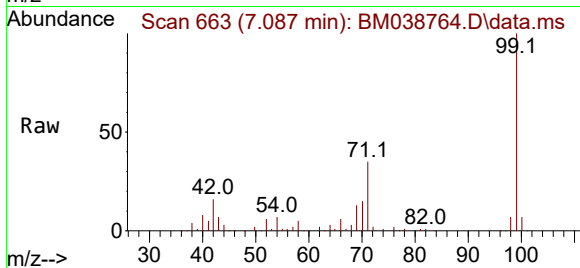




#7  
Phenol-d6  
Concen: 130.734 ng  
RT: 7.087 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BM038764.D  
Acq: 16 Feb 2023 19:25

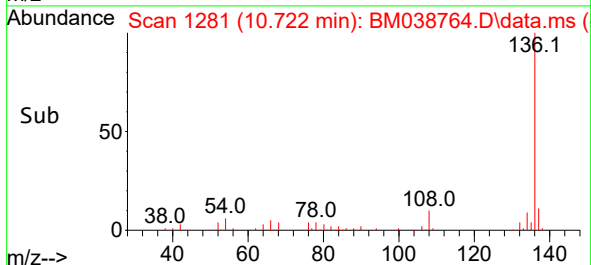
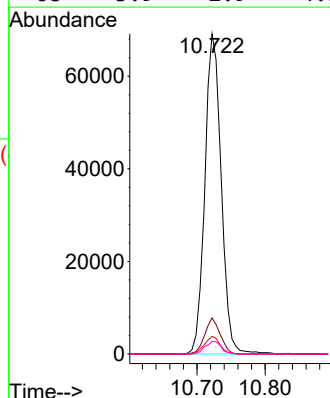
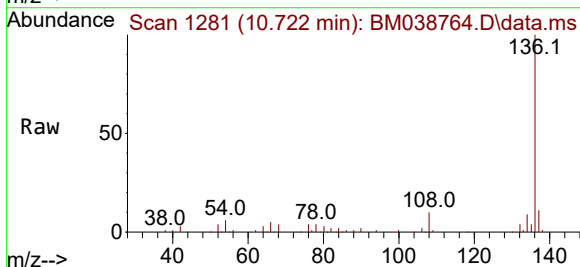
Instrument :  
BNA\_M  
ClientSampleId :  
OH-CON-0214

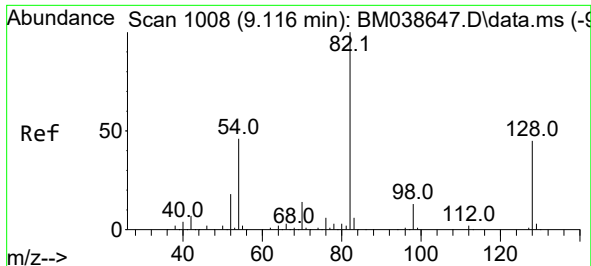
Tgt Ion: 99 Resp: 242630  
Ion Ratio Lower Upper  
99 100  
42 16.1 14.6 22.0  
71 35.5 31.0 46.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.722 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: BM038764.D  
Acq: 16 Feb 2023 19:25

Tgt Ion: 136 Resp: 115217  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 5.5 4.2 6.4  
68 3.9 2.9 4.3

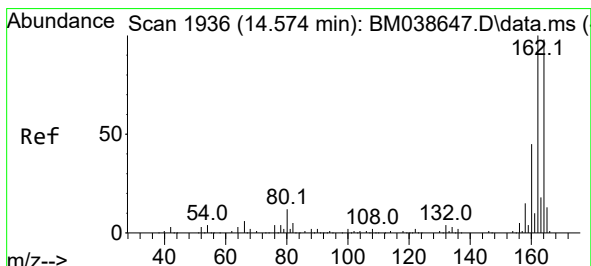
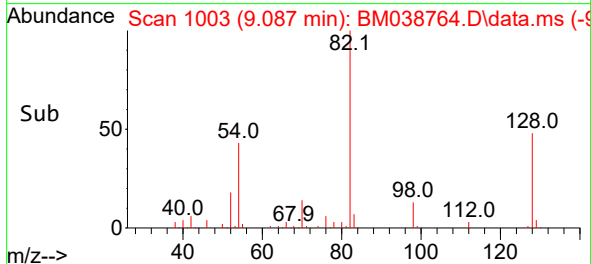
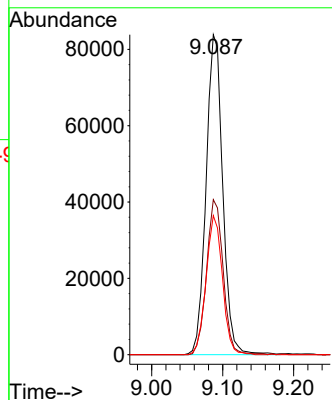
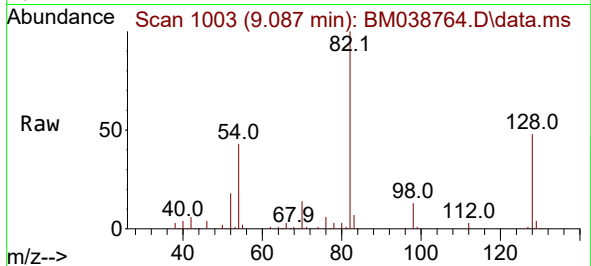




#23  
Nitrobenzene-d5  
Concen: 67.565 ng  
RT: 9.087 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: BM038764.D  
Acq: 16 Feb 2023 19:25

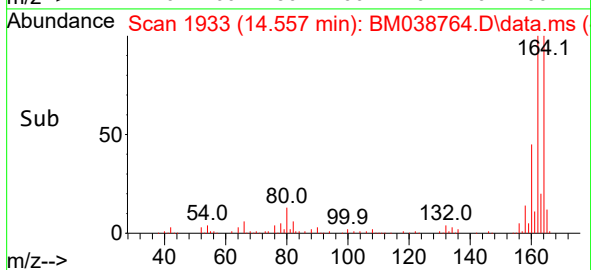
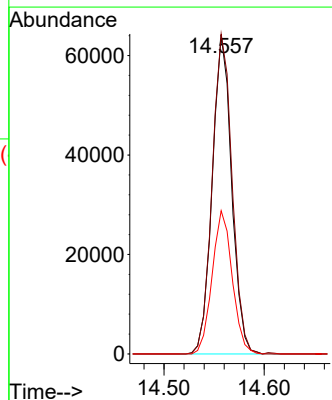
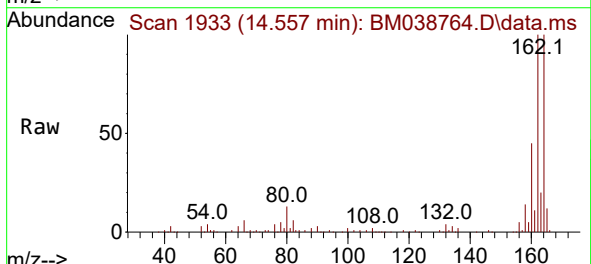
Instrument :  
BNA\_M  
ClientSampleId :  
OH-CON-0214

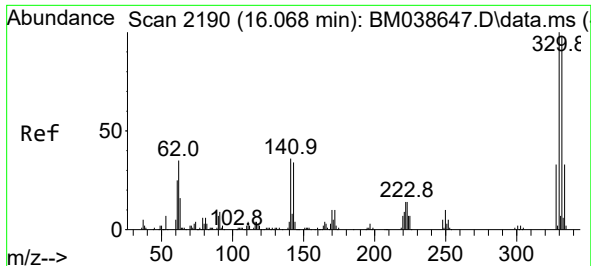
Tgt Ion: 82 Resp: 137053  
Ion Ratio Lower Upper  
82 100  
128 48.4 36.0 54.0  
54 43.5 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1933  
Delta R.T. -0.006 min  
Lab File: BM038764.D  
Acq: 16 Feb 2023 19:25

Tgt Ion: 164 Resp: 85990  
Ion Ratio Lower Upper  
164 100  
162 100.3 81.4 122.0  
160 44.9 36.5 54.7

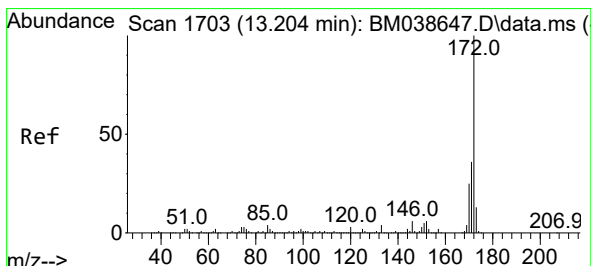
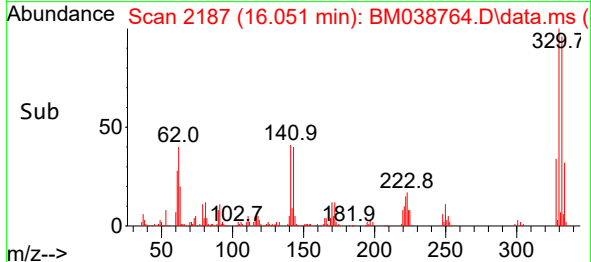
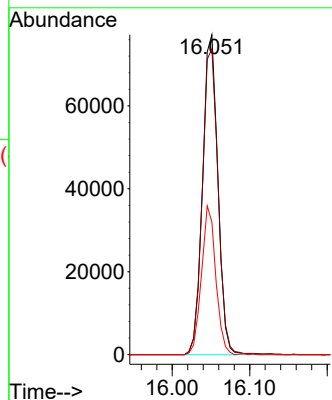
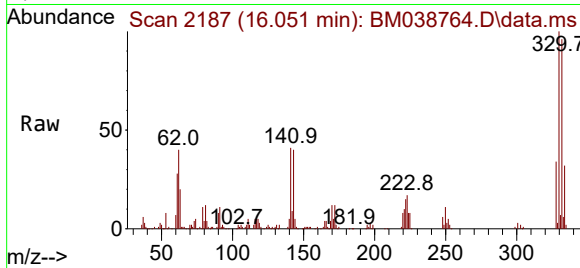




#42  
2,4,6-Tribromophenol  
Concen: 90.701 ng  
RT: 16.051 min Scan# 2190  
Delta R.T. 0.000 min  
Lab File: BM038764.D  
Acq: 16 Feb 2023 19:25

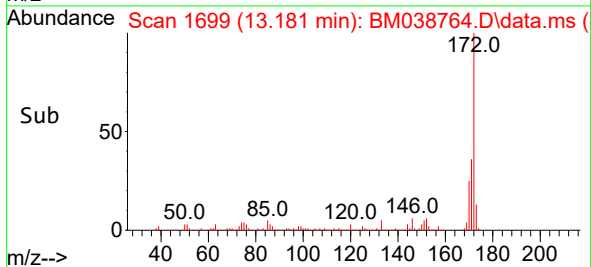
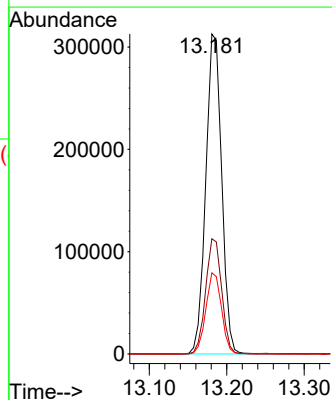
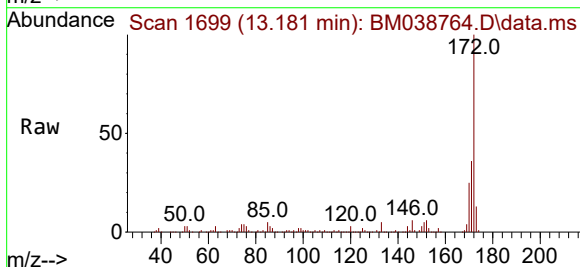
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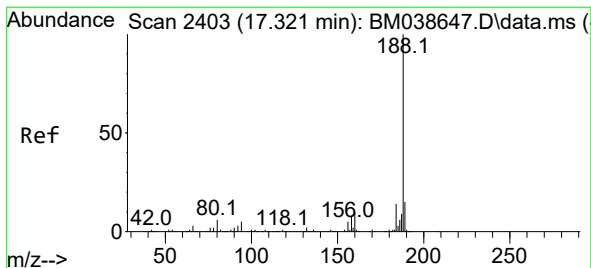
Tgt Ion:330 Resp: 106011  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.8 116.6  
141 43.3 31.0 46.6



#45  
2-Fluorobiphenyl  
Concen: 66.059 ng  
RT: 13.181 min Scan# 1699  
Delta R.T. -0.006 min  
Lab File: BM038764.D  
Acq: 16 Feb 2023 19:25

Tgt Ion:172 Resp: 446191  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.7 43.1  
170 25.4 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2400

Delta R.T. 0.000 min

Lab File: BM038764.D

Acq: 16 Feb 2023 19:25

Instrument :

BNA\_M

ClientSampleId :

OH-CON-0214

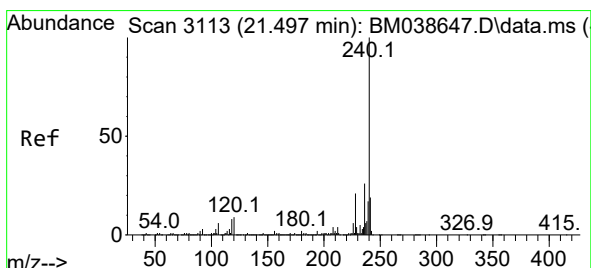
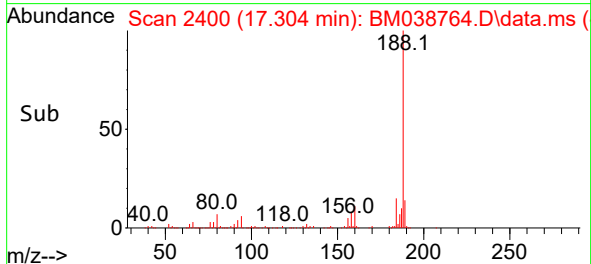
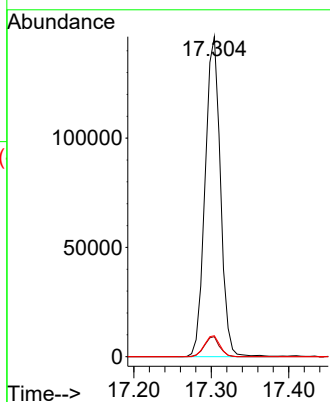
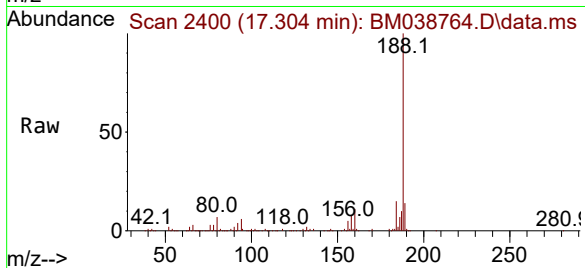
Tgt Ion:188 Resp: 200884

Ion Ratio Lower Upper

188 100

94 6.3 4.2 6.4

80 6.5 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.480 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM038764.D

Acq: 16 Feb 2023 19:25

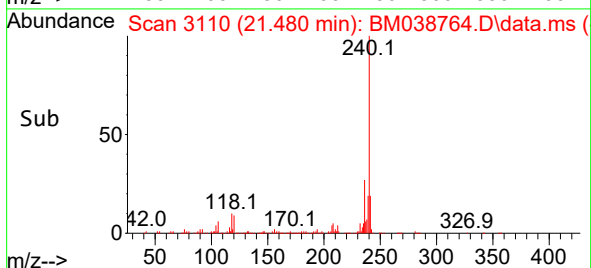
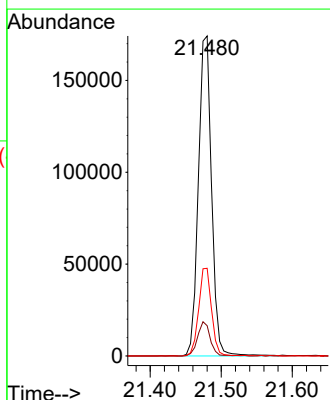
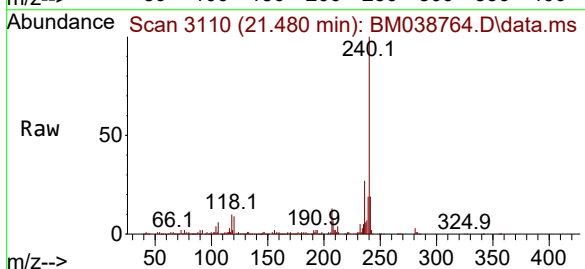
Tgt Ion:240 Resp: 225641

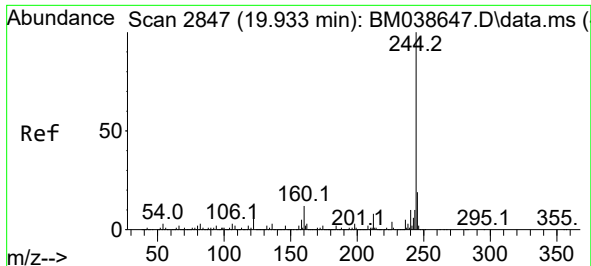
Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.4

236 27.4 20.9 31.3

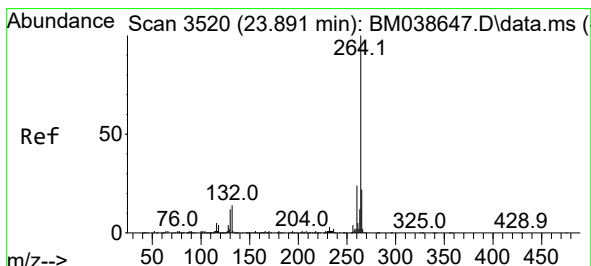
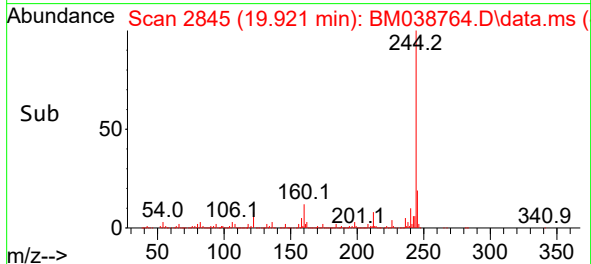
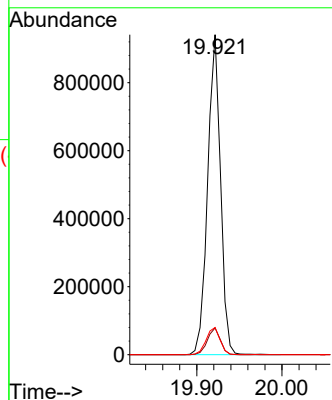
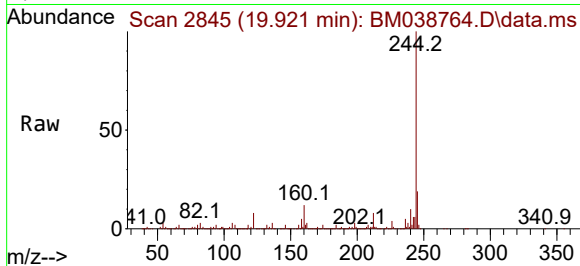




#79  
 Terphenyl-d14  
 Concen: 77.144 ng  
 RT: 19.921 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM038764.D  
 Acq: 16 Feb 2023 19:25

Instrument :  
 BNA\_M  
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 OH-CON-0214

Tgt Ion:244 Resp: 986408  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 6.6 9.8  
 122 8.5 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.862 min Scan# 3515  
 Delta R.T. -0.006 min  
 Lab File: BM038764.D  
 Acq: 16 Feb 2023 19:25

Tgt Ion:264 Resp: 310316  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.6 29.4  
 265 22.4 17.9 26.9

