

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052422\  
 Data File : BM035220.D  
 Acq On : 24 May 2022 15:43  
 Operator : CG/JU  
 Sample : N2981-22  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TGMP-3

Quant Time: May 25 05:43:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 20 04:53:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.898  | 152  | 119717   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.698 | 136  | 443274   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.539 | 164  | 276512   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.280 | 188  | 589562   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.462 | 240  | 603971   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 23.850 | 264  | 649868   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 559624   | 82.470  | ng    | 0.00     |
| 7) Phenol-d6                | 7.069  | 99   | 473526   | 54.055  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.057  | 82   | 828493   | 100.931 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.027 | 330  | 505893   | 168.188 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.163 | 172  | 2008598  | 105.450 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.909 | 244  | 3316601  | 106.323 | ng    | 0.00     |

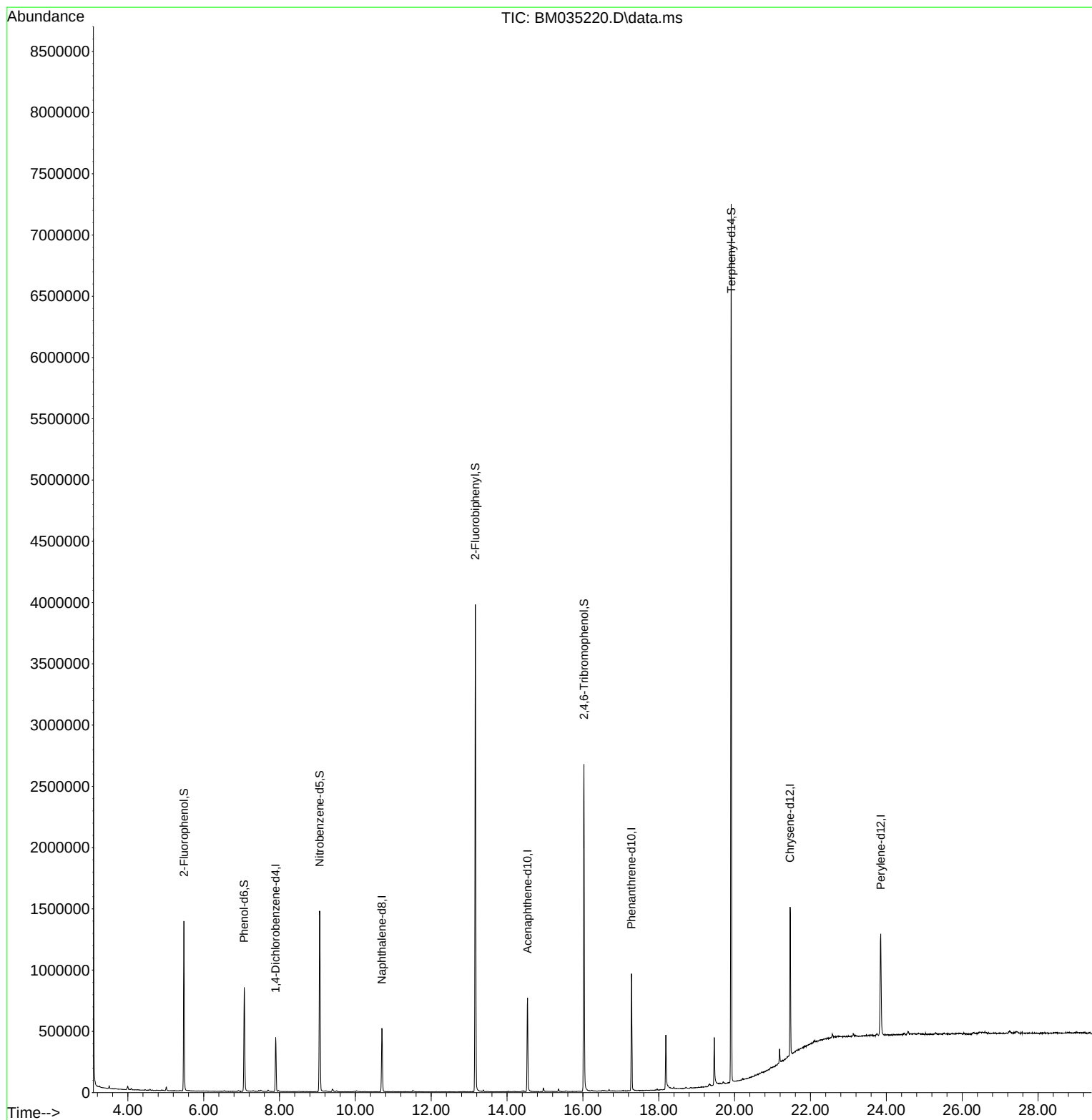
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

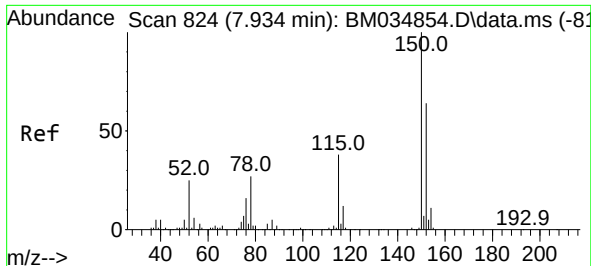
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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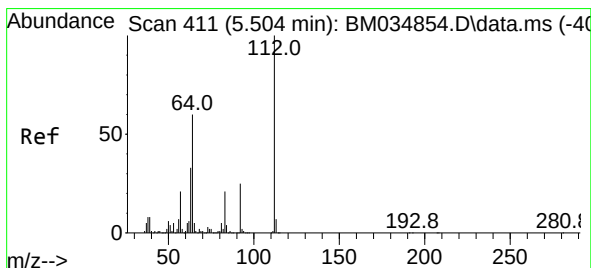
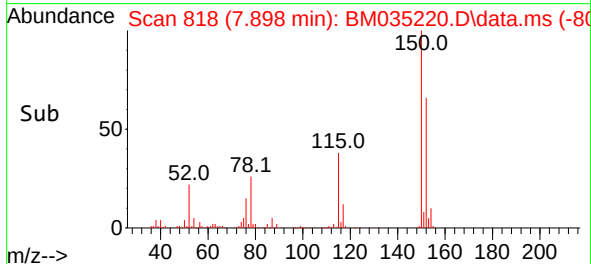
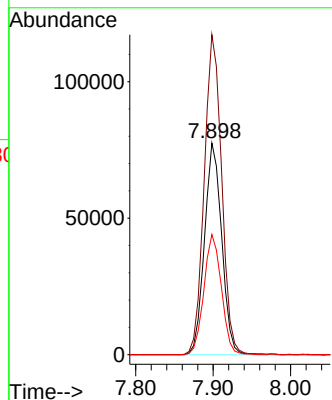
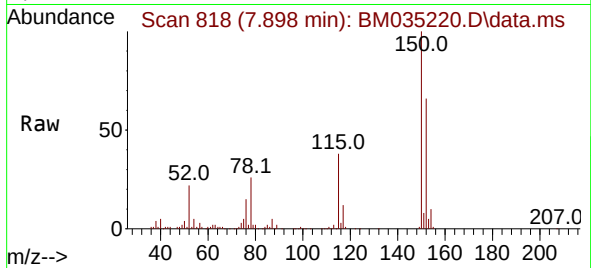




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.898 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BM035220.D  
 Acq: 24 May 2022 15:43

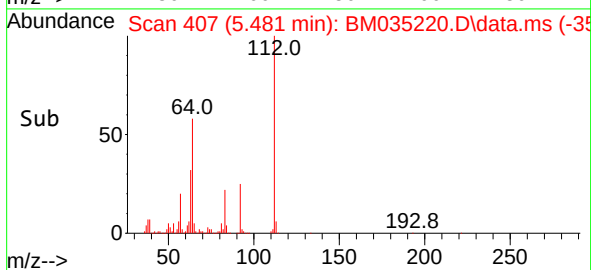
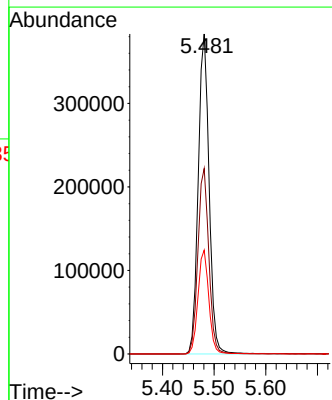
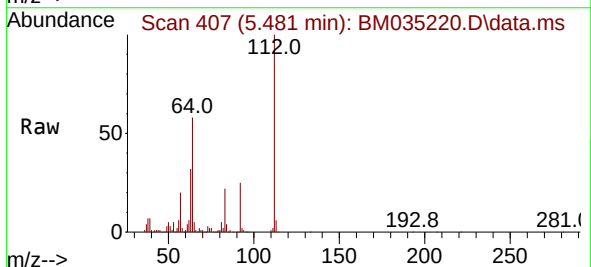
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TGMP-3

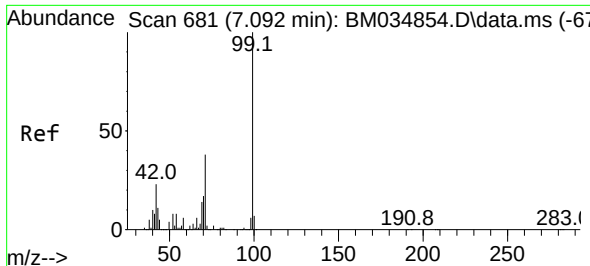
Tgt Ion:152 Resp: 119717  
 Ion Ratio Lower Upper  
 152 100  
 150 151.1 124.9 187.3  
 115 56.8 47.9 71.9



#5  
 2-Fluorophenol  
 Concen: 82.470 ng  
 RT: 5.481 min Scan# 407  
 Delta R.T. -0.000 min  
 Lab File: BM035220.D  
 Acq: 24 May 2022 15:43

Tgt Ion:112 Resp: 559624  
 Ion Ratio Lower Upper  
 112 100  
 64 58.0 47.8 71.6  
 63 32.5 26.6 40.0

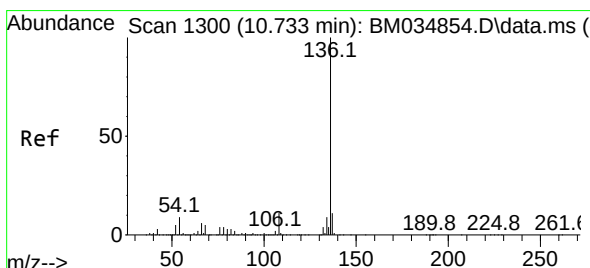
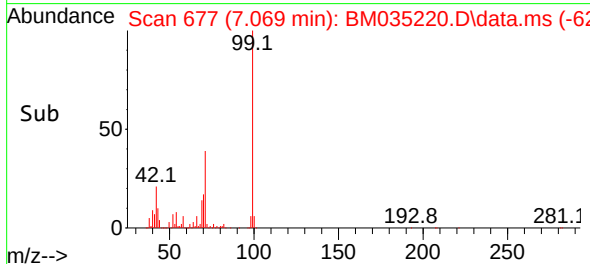
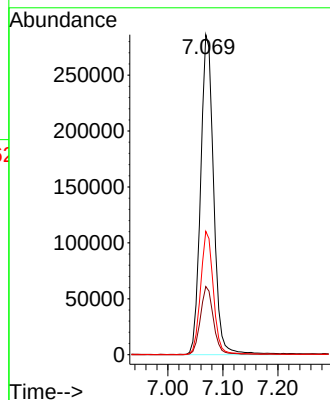
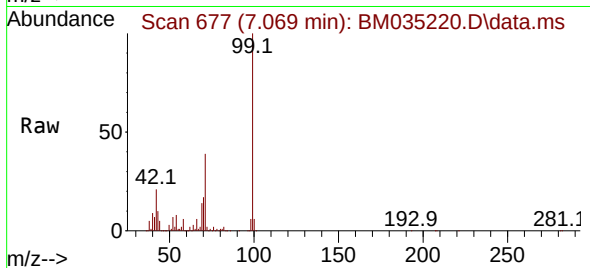




#7  
Phenol-d6  
Concen: 54.055 ng  
RT: 7.069 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM035220.D  
Acq: 24 May 2022 15:43

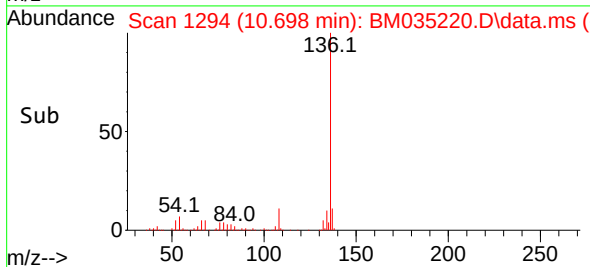
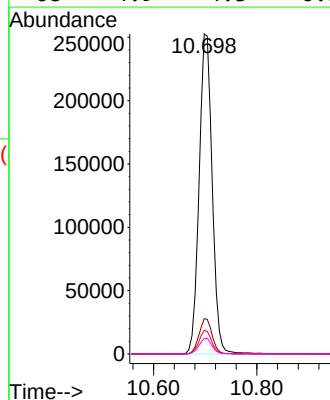
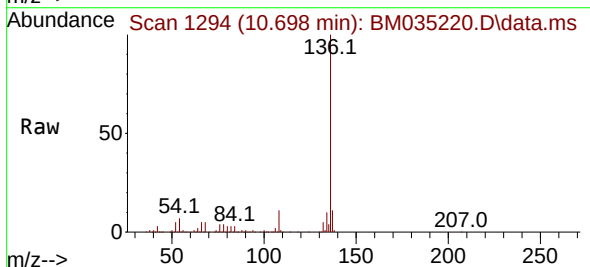
Instrument :  
BNA\_M  
ClientSampleId :  
TGMP-3

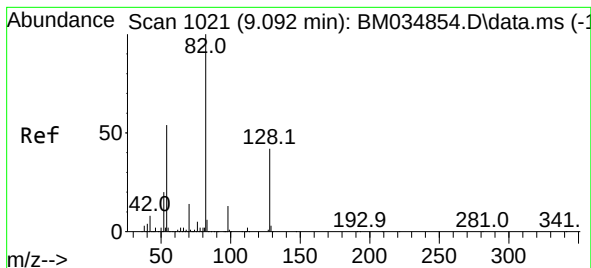
Tgt Ion: 99 Resp: 473526  
Ion Ratio Lower Upper  
99 100  
42 21.3 18.8 28.2  
71 38.6 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.698 min Scan# 1294  
Delta R.T. -0.012 min  
Lab File: BM035220.D  
Acq: 24 May 2022 15:43

Tgt Ion: 136 Resp: 443274  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 7.3 7.0 10.4  
68 4.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 100.931 ng

RT: 9.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM035220.D

Acq: 24 May 2022 15:43

Instrument :

BNA\_M

ClientSampleId :

TGMP-3

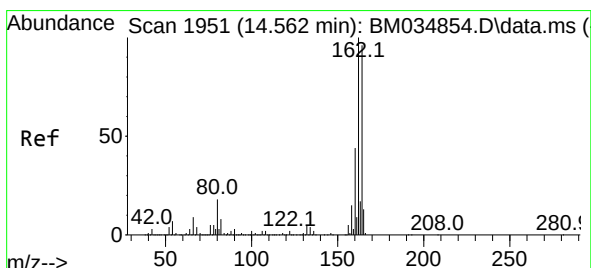
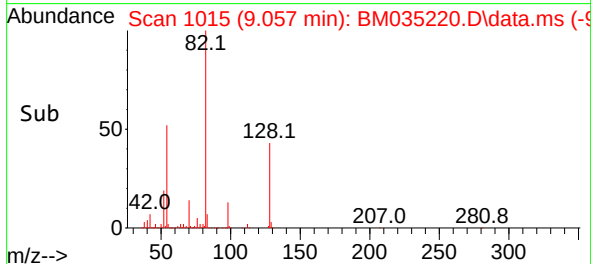
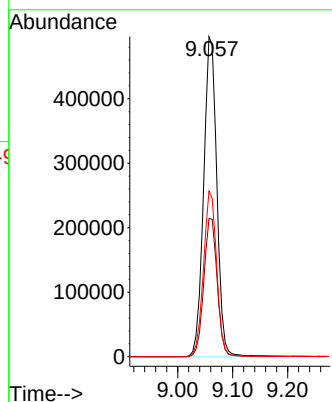
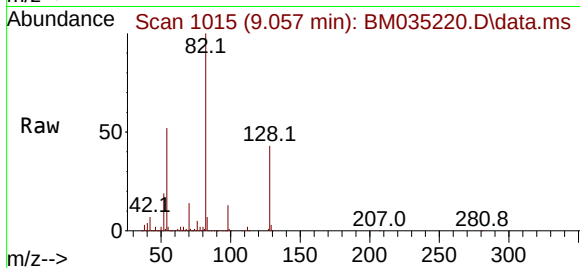
Tgt Ion: 82 Resp: 828493

Ion Ratio Lower Upper

82 100

128 43.2 33.7 50.5

54 51.8 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM035220.D

Acq: 24 May 2022 15:43

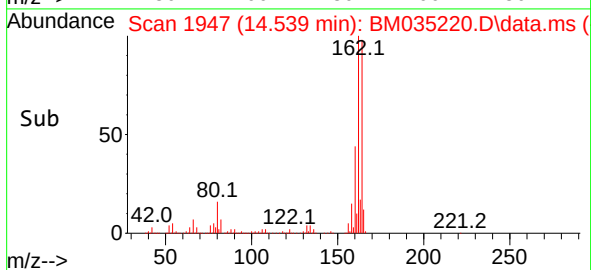
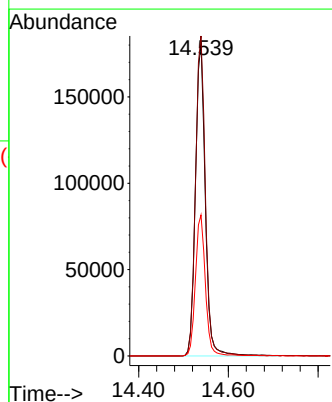
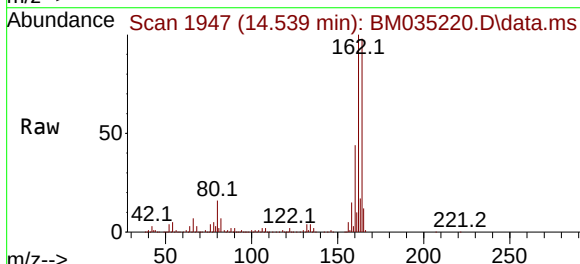
Tgt Ion:164 Resp: 276512

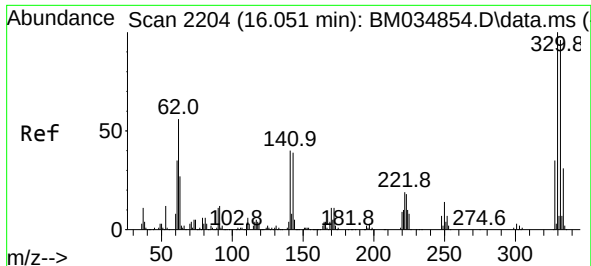
Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.6

160 44.9 37.0 55.4

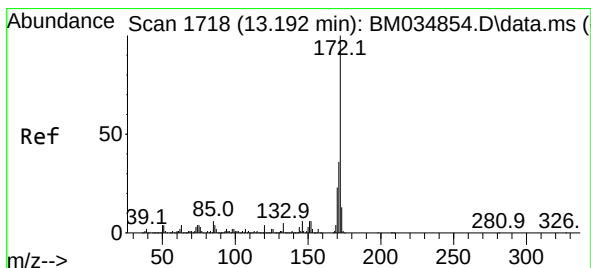
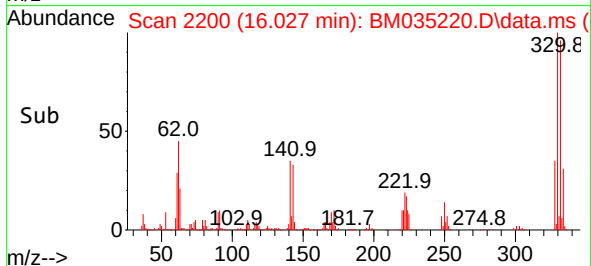
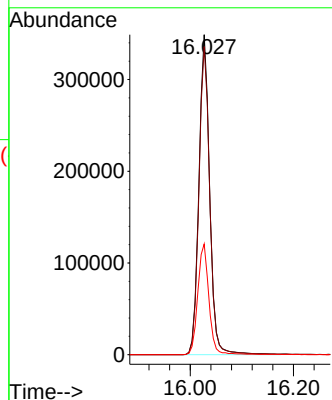
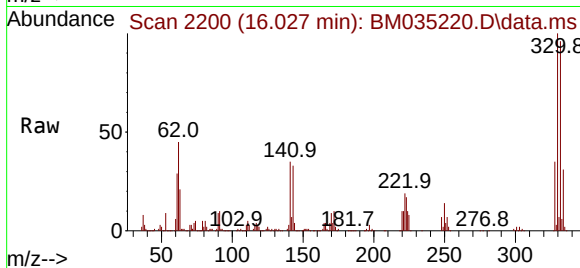




#42  
2,4,6-Tribromophenol  
Concen: 168.188 ng  
RT: 16.027 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035220.D  
Acq: 24 May 2022 15:43

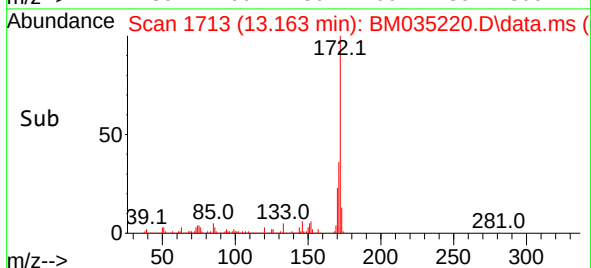
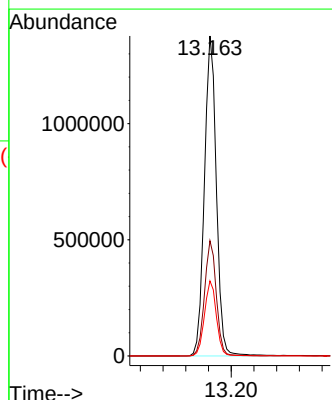
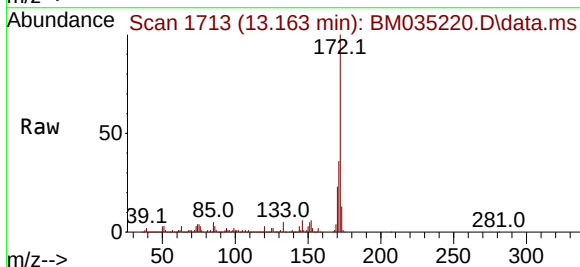
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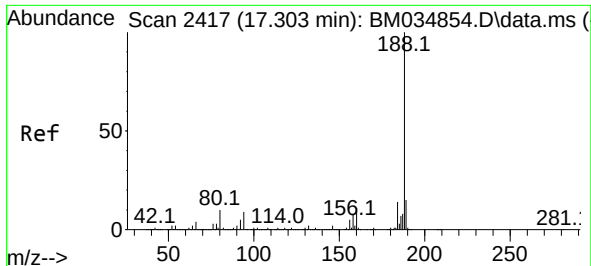
Tgt Ion:330 Resp: 505893  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.0 115.4  
141 35.9 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 105.450 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BM035220.D  
Acq: 24 May 2022 15:43

Tgt Ion:172 Resp: 2008598  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.5 42.7  
170 23.5 18.7 28.1

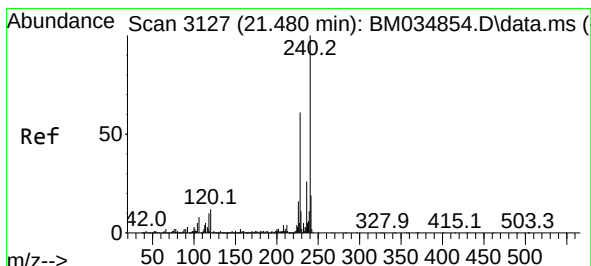
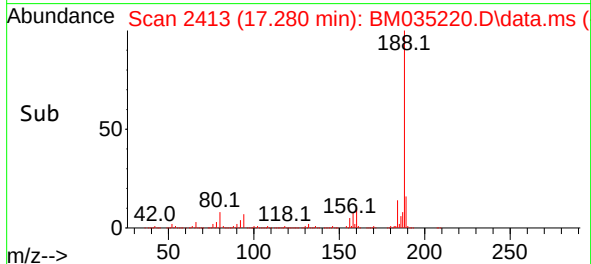
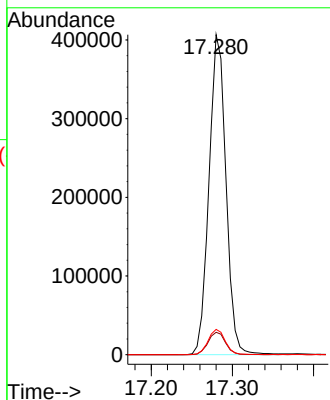
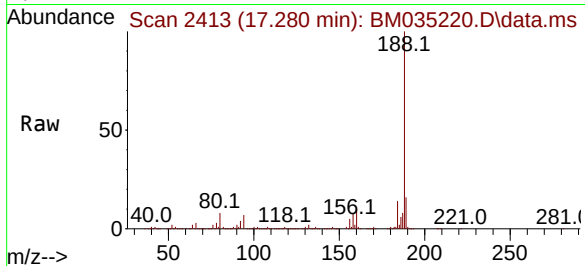




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.280 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BM035220.D  
Acq: 24 May 2022 15:43

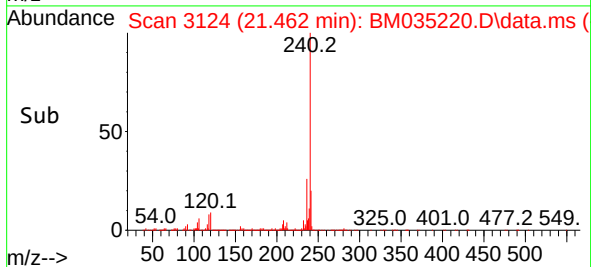
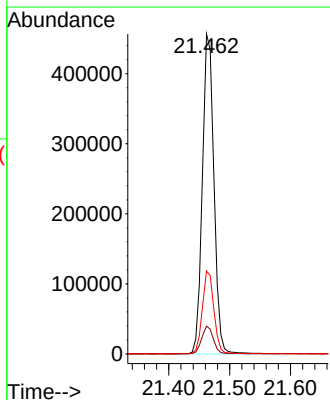
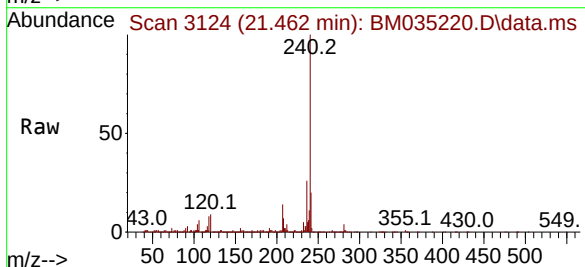
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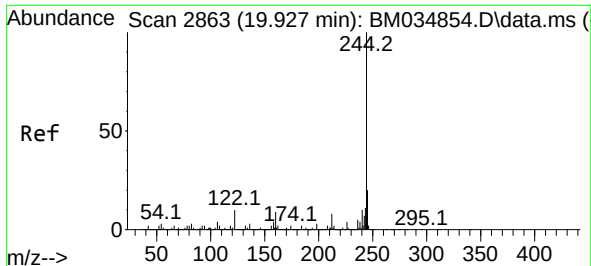
Tgt Ion:188 Resp: 589562  
Ion Ratio Lower Upper  
188 100  
94 7.0 7.0 10.4  
80 7.9 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.462 min Scan# 3124  
Delta R.T. -0.012 min  
Lab File: BM035220.D  
Acq: 24 May 2022 15:43

Tgt Ion:240 Resp: 603971  
Ion Ratio Lower Upper  
240 100  
120 8.7 9.4 14.0#  
236 25.9 20.6 30.8

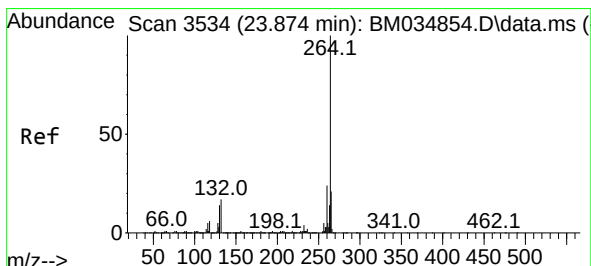
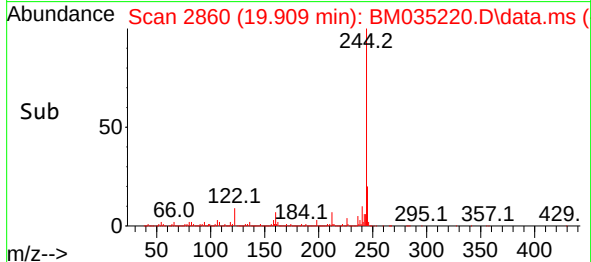
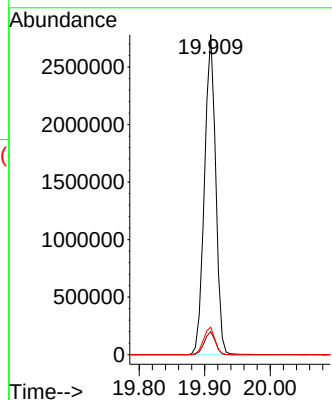
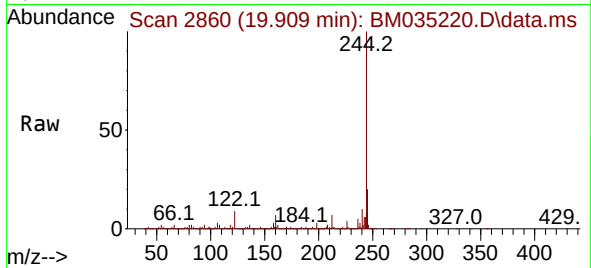




#79  
 Terphenyl-d14  
 Concen: 106.323 ng  
 RT: 19.909 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM035220.D  
 Acq: 24 May 2022 15:43

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TGMP-3

Tgt Ion:244 Resp: 3316601  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.2 9.4  
 122 8.6 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.850 min Scan# 3530  
 Delta R.T. -0.006 min  
 Lab File: BM035220.D  
 Acq: 24 May 2022 15:43

Tgt Ion:264 Resp: 649868  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.9 28.3  
 265 22.1 17.5 26.3

