

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011923\  
 Data File : BM038486.D  
 Acq On : 19 Jan 2023 12:42  
 Operator : CG/JU  
 Sample : PB150215BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150215BL

Quant Time: Jan 20 02:45:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 06:09:42 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.969  | 152  | 53260    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.781 | 136  | 178575   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.604 | 164  | 96168    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.345 | 188  | 192525   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.515 | 240  | 151640   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.933 | 264  | 184743   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 447232   | 128.090 | ng    | 0.00     |
| 7) Phenol-d6                | 7.134  | 99   | 534719   | 119.554 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.145  | 82   | 354647   | 80.919  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.092 | 330  | 150435   | 92.534  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.233 | 172  | 605236   | 78.487  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.956 | 244  | 762041   | 94.076  | ng    | 0.00     |

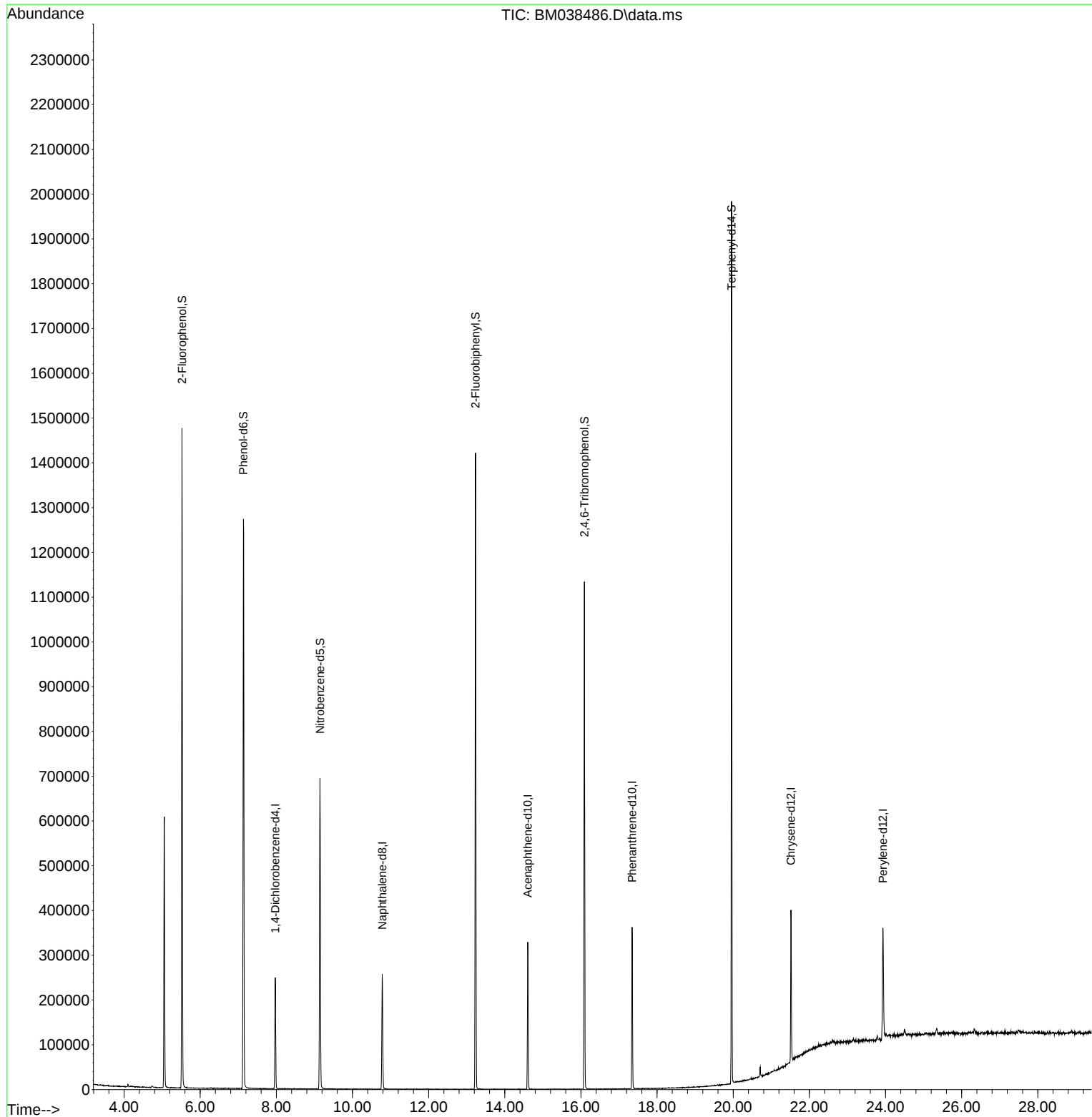
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

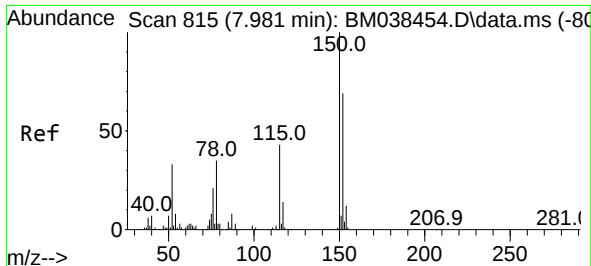
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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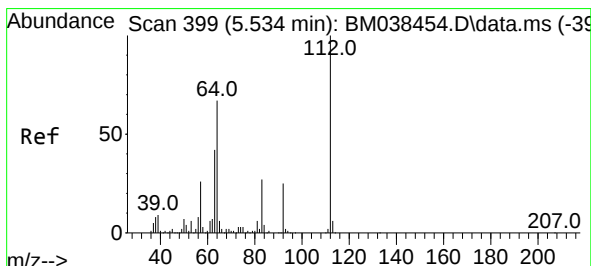
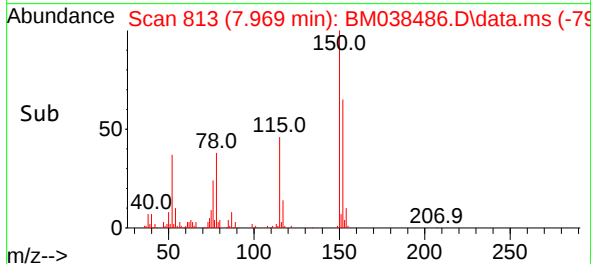
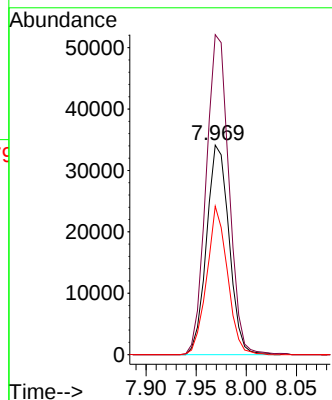
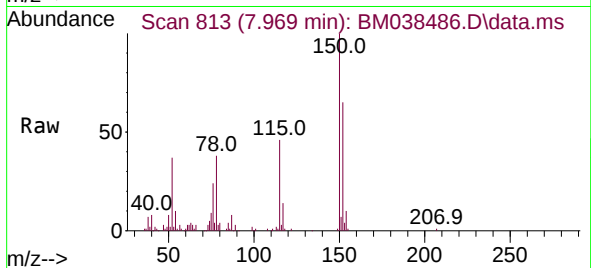




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.969 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BM038486.D  
Acq: 19 Jan 2023 12:42

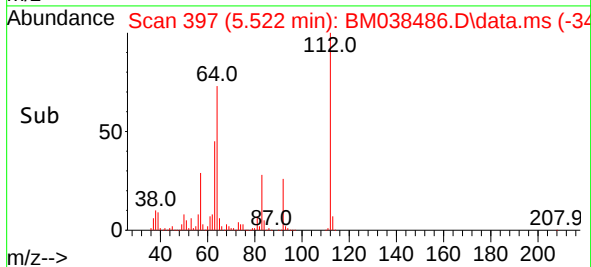
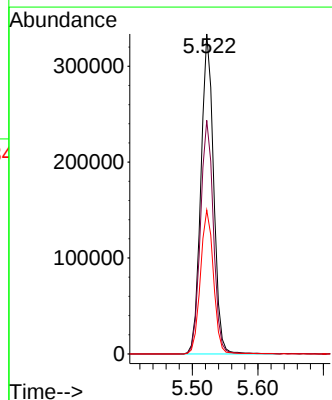
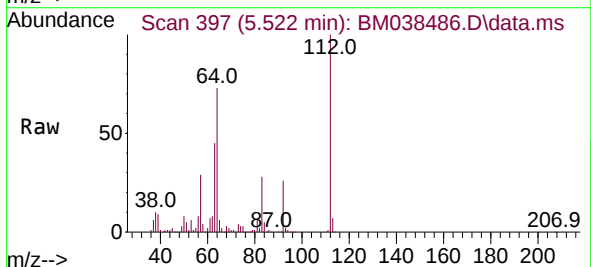
Instrument :  
BNA\_M  
ClientSampleId :  
PB150215BL

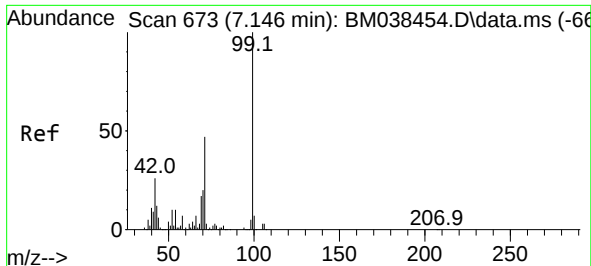
Tgt Ion:152 Resp: 53260  
Ion Ratio Lower Upper  
152 100  
150 152.7 116.0 174.0  
115 70.8 49.4 74.2



#5  
2-Fluorophenol  
Concen: 128.090 ng  
RT: 5.522 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: BM038486.D  
Acq: 19 Jan 2023 12:42

Tgt Ion:112 Resp: 447232  
Ion Ratio Lower Upper  
112 100  
64 73.0 53.7 80.5  
63 44.9 33.7 50.5

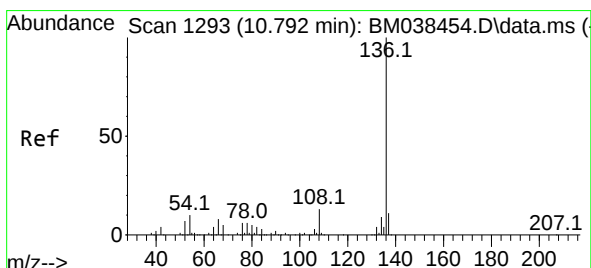
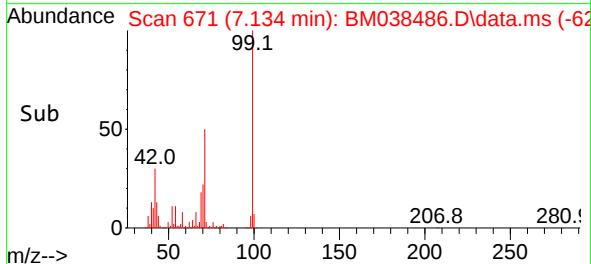
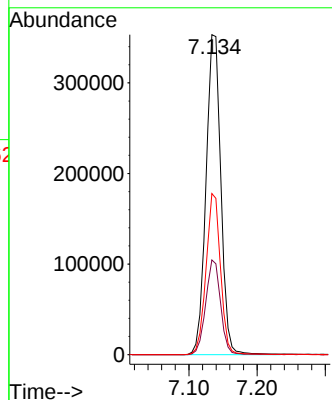
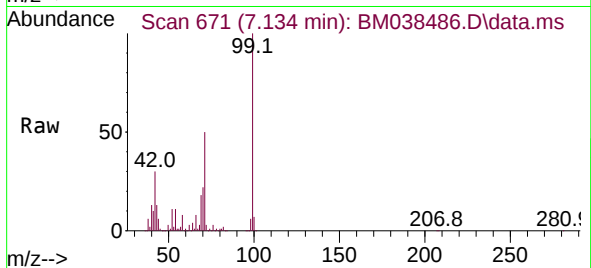




#7  
Phenol-d6  
Concen: 119.554 ng  
RT: 7.134 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM038486.D  
Acq: 19 Jan 2023 12:42

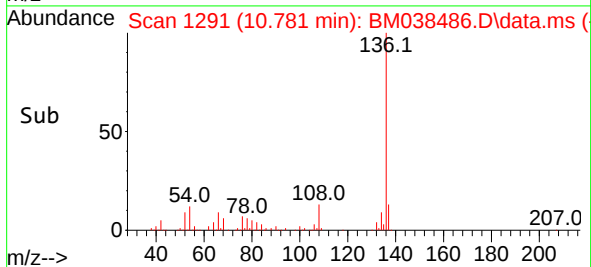
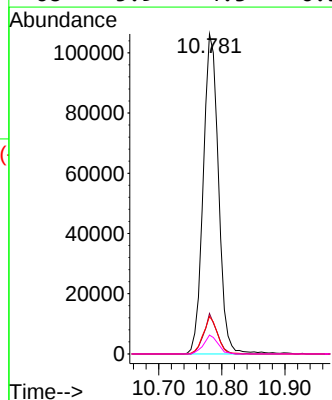
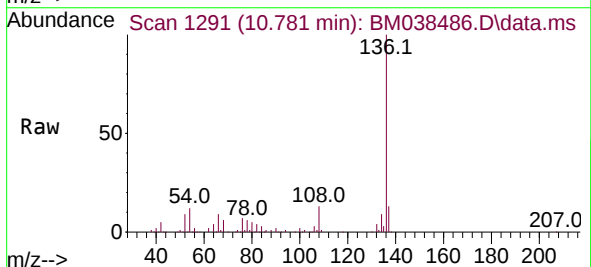
Instrument :  
BNA\_M  
ClientSampleId :  
PB150215BL

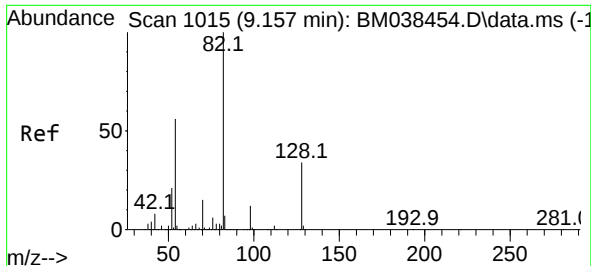
Tgt Ion: 99 Resp: 534719  
Ion Ratio Lower Upper  
99 100  
42 29.6 20.8 31.2  
71 50.3 37.8 56.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.781 min Scan# 1291  
Delta R.T. -0.006 min  
Lab File: BM038486.D  
Acq: 19 Jan 2023 12:42

Tgt Ion: 136 Resp: 178575  
Ion Ratio Lower Upper  
136 100  
137 12.6 9.0 13.4  
54 11.7 7.6 11.4#  
68 5.9 4.3 6.5

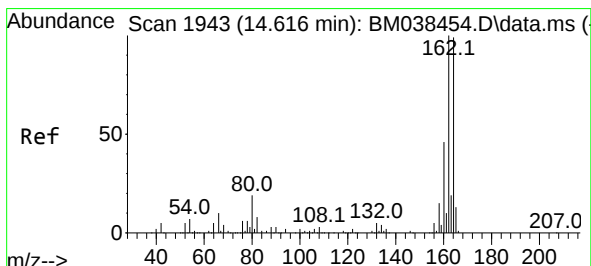
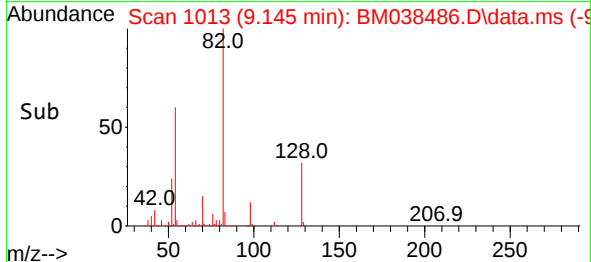
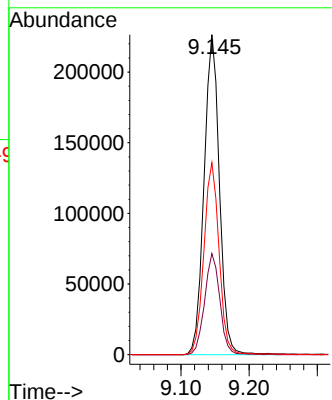
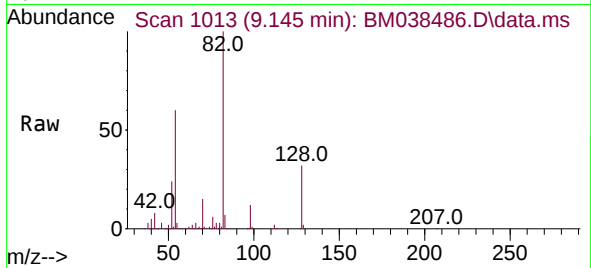




#23  
 Nitrobenzene-d5  
 Concen: 80.919 ng  
 RT: 9.145 min Scan# 1015  
 Delta R.T. -0.006 min  
 Lab File: BM038486.D  
 Acq: 19 Jan 2023 12:42

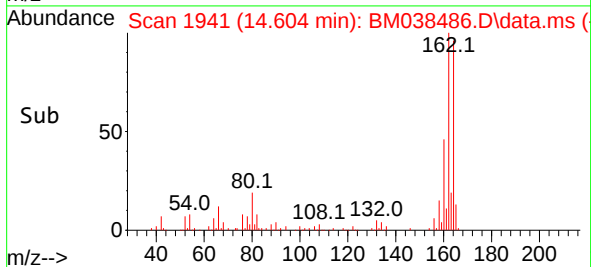
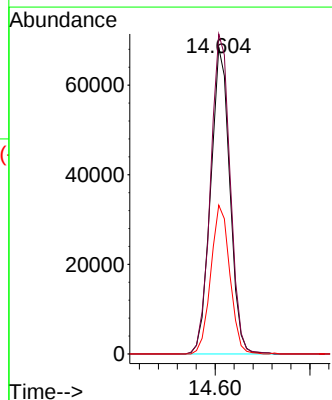
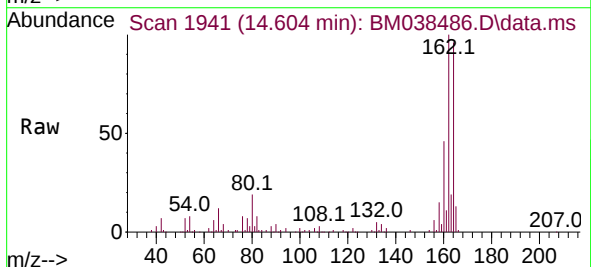
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150215BL

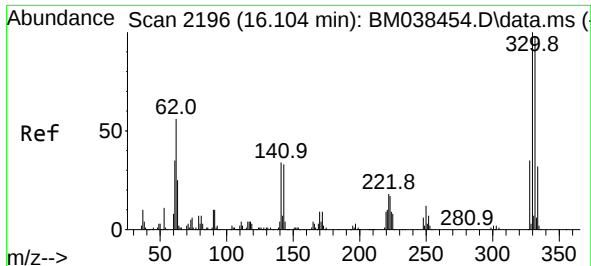
Tgt Ion: 82 Resp: 354647  
 Ion Ratio Lower Upper  
 82 100  
 128 31.6 27.0 40.6  
 54 60.0 45.0 67.6



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.604 min Scan# 1941  
 Delta R.T. -0.006 min  
 Lab File: BM038486.D  
 Acq: 19 Jan 2023 12:42

Tgt Ion: 164 Resp: 96168  
 Ion Ratio Lower Upper  
 164 100  
 162 104.4 80.9 121.3  
 160 48.5 37.4 56.0

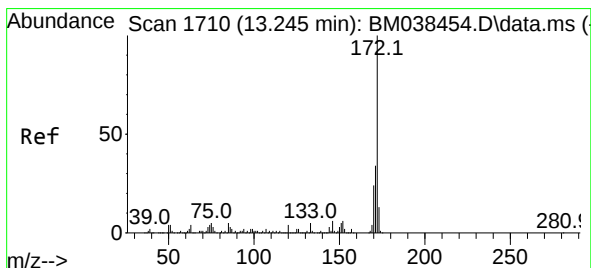
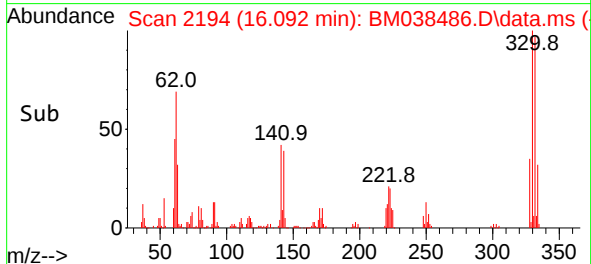
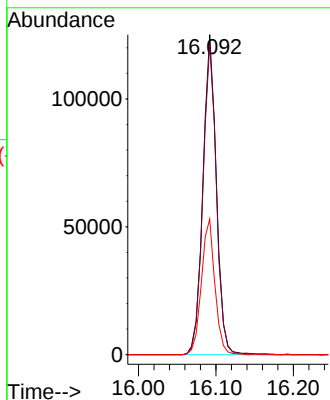
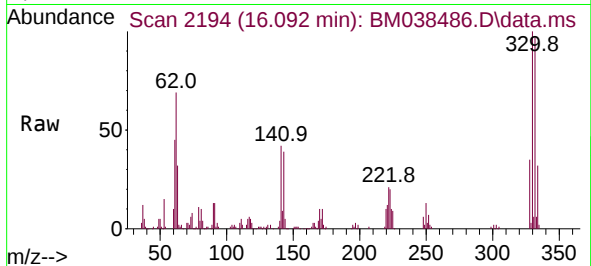




#42  
2,4,6-Tribromophenol  
Concen: 92.534 ng  
RT: 16.092 min Scan# 2196  
Delta R.T. -0.006 min  
Lab File: BM038486.D  
Acq: 19 Jan 2023 12:42

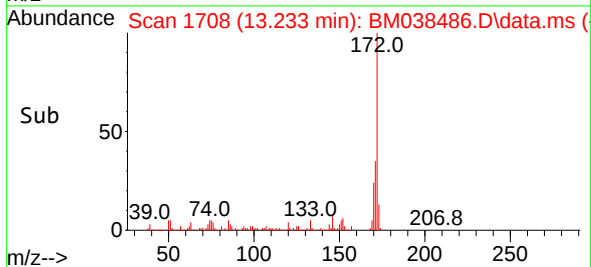
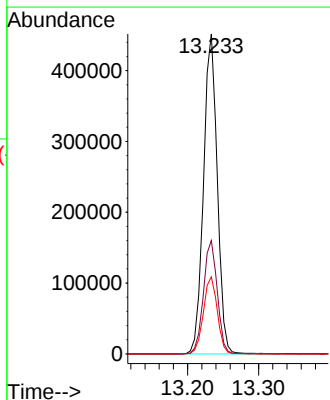
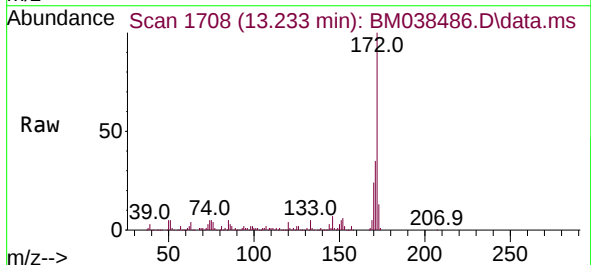
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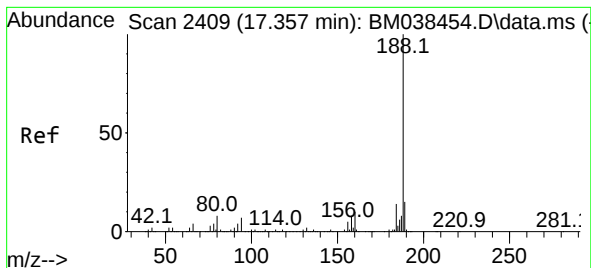
Tgt Ion:330 Resp: 150435  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.0 115.4  
141 42.4 28.1 42.1#



#45  
2-Fluorobiphenyl  
Concen: 78.487 ng  
RT: 13.233 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BM038486.D  
Acq: 19 Jan 2023 12:42

Tgt Ion:172 Resp: 605236  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.5 41.3  
170 24.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038486.D

Acq: 19 Jan 2023 12:42

Instrument :

BNA\_M

ClientSampleId :

PB150215BL

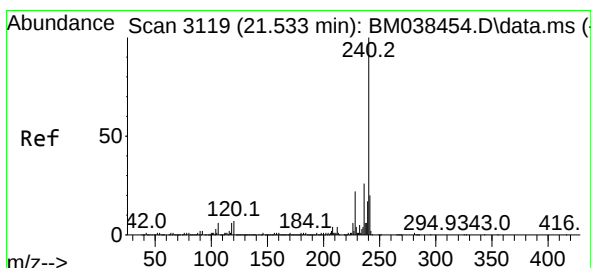
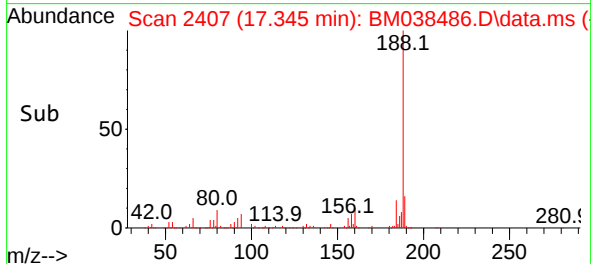
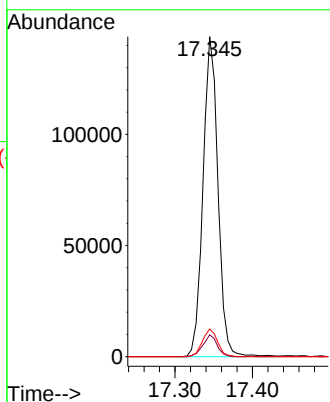
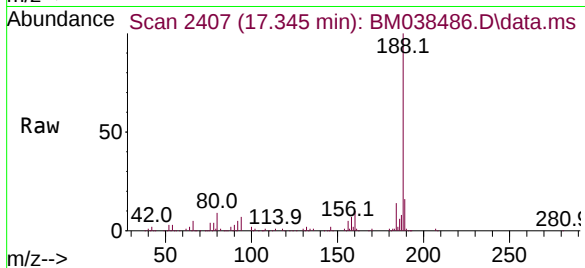
Tgt Ion:188 Resp: 192525

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 8.6 6.5 9.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BM038486.D

Acq: 19 Jan 2023 12:42

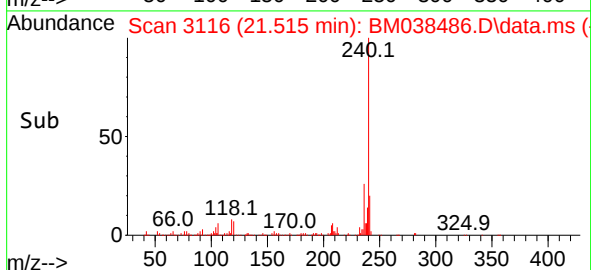
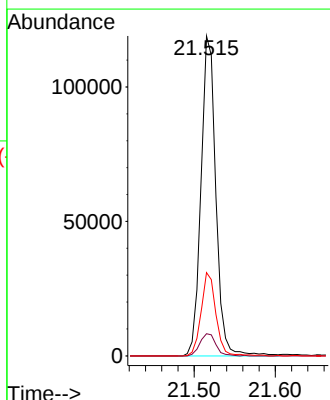
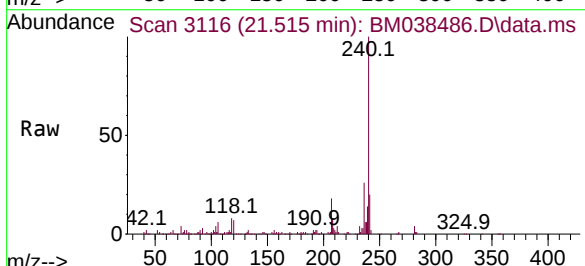
Tgt Ion:240 Resp: 151640

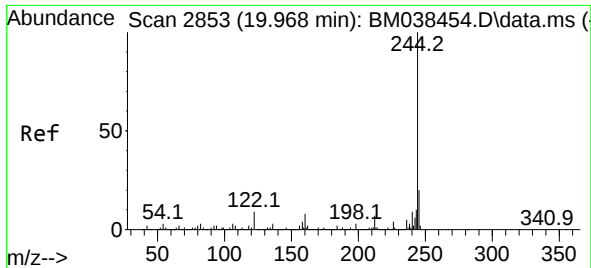
Ion Ratio Lower Upper

240 100

120 6.9 5.6 8.4

236 26.0 21.0 31.4

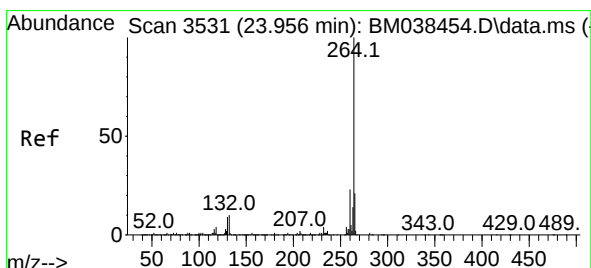
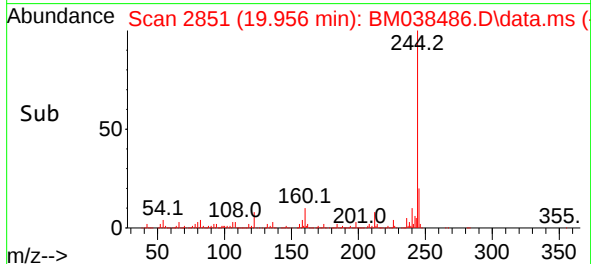
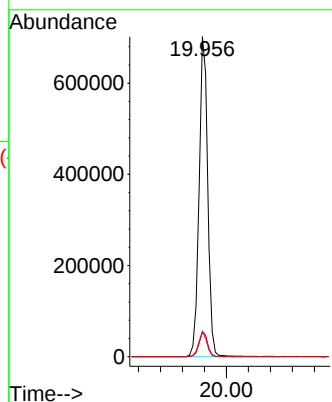
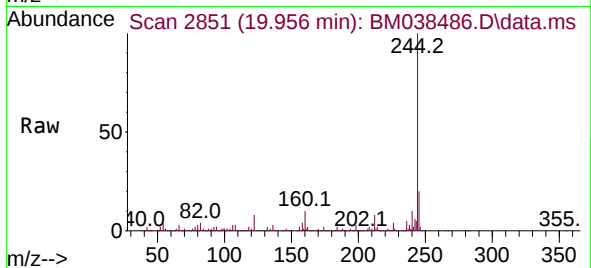




#79  
 Terphenyl-d14  
 Concen: 94.076 ng  
 RT: 19.956 min Scan# 2851  
 Delta R.T. -0.006 min  
 Lab File: BM038486.D  
 Acq: 19 Jan 2023 12:42

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150215BL

Tgt Ion:244 Resp: 762041  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 5.8 8.8  
 122 7.7 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.933 min Scan# 3527  
 Delta R.T. -0.006 min  
 Lab File: BM038486.D  
 Acq: 19 Jan 2023 12:42

Tgt Ion:264 Resp: 184743  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 18.2 27.4  
 265 22.5 17.2 25.8

