

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050222\  
 Data File : BM034870.D  
 Acq On : 02 May 2022 11:40  
 Operator : CG/JU  
 Sample : PB144493BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB144493BL

Quant Time: May 03 05:21:17 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 01:51:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 257900   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.733 | 136  | 1035944  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.563 | 164  | 660429   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.298 | 188  | 1433729  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.480 | 240  | 1269794  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.868 | 264  | 1136084  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 2224686  | 152.184 | ng    | 0.00     |
| 7) Phenol-d6                | 7.098  | 99   | 2892693  | 153.284 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.086  | 82   | 1868829  | 97.418  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.045 | 330  | 1183899  | 164.793 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.192 | 172  | 4492227  | 98.743  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.927 | 244  | 7289204  | 111.147 | ng    | 0.00     |

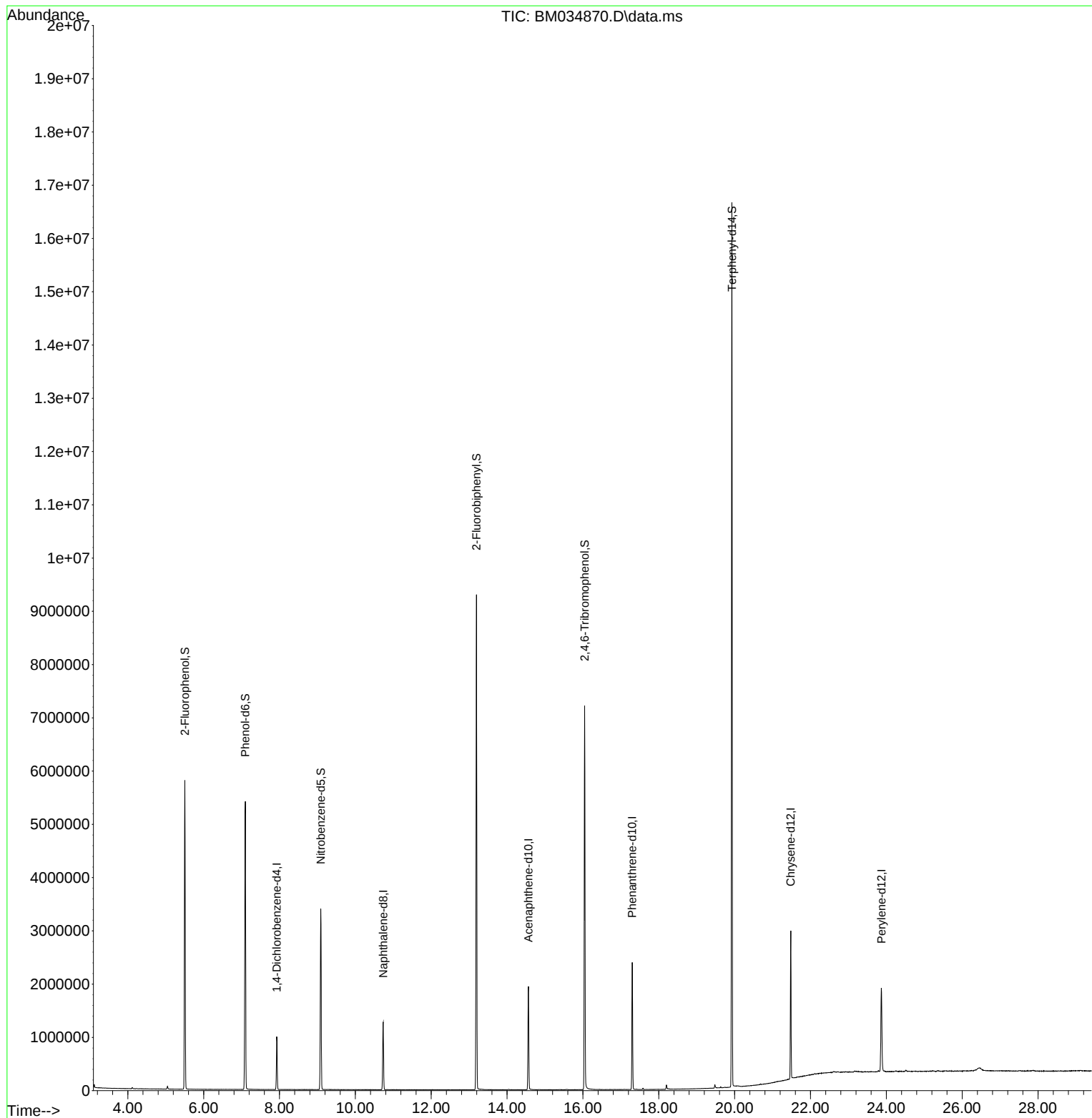
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

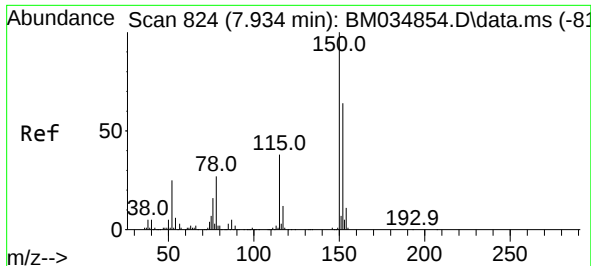
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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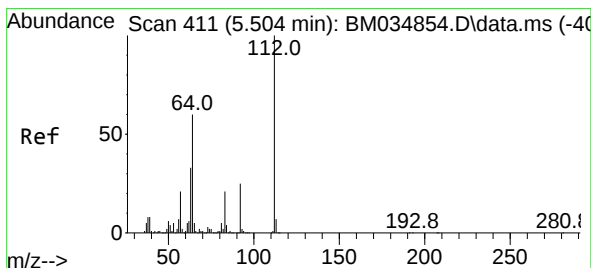
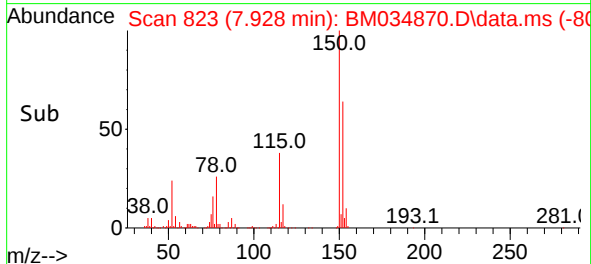
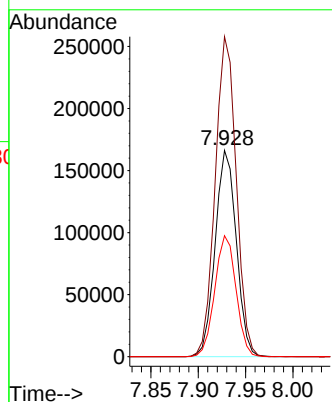
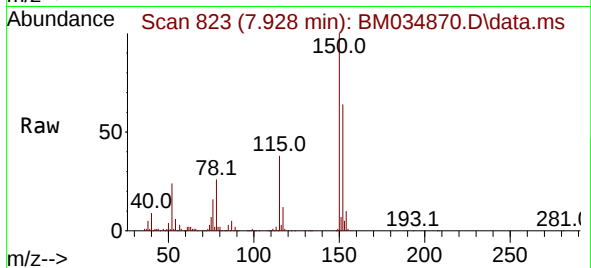




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM034870.D  
Acq: 02 May 2022 11:40

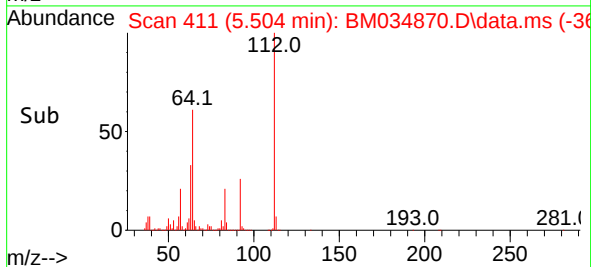
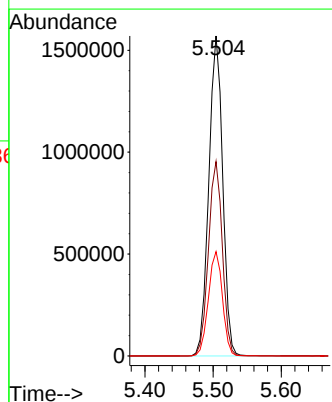
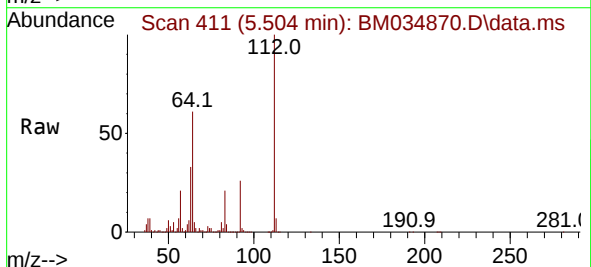
Instrument :  
BNA\_M  
ClientSampleId :  
PB144493BL

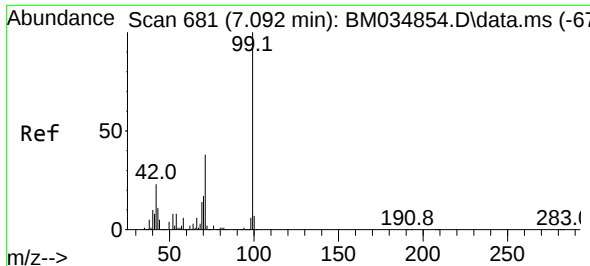
Tgt Ion:152 Resp: 257900  
Ion Ratio Lower Upper  
152 100  
150 155.1 124.9 187.3  
115 58.6 47.9 71.9



#5  
2-Fluorophenol  
Concen: 152.184 ng  
RT: 5.504 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: BM034870.D  
Acq: 02 May 2022 11:40

Tgt Ion:112 Resp: 2224686  
Ion Ratio Lower Upper  
112 100  
64 60.8 47.8 71.6  
63 32.6 26.6 40.0

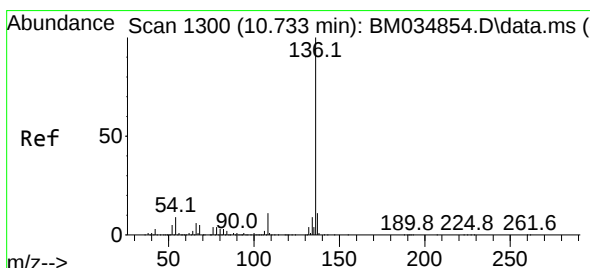
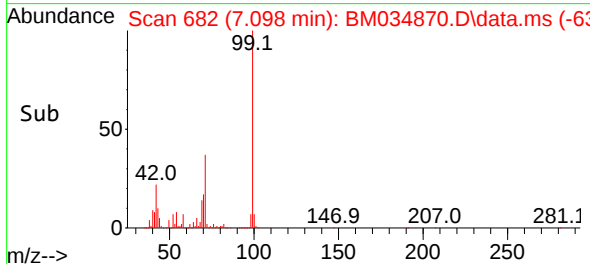
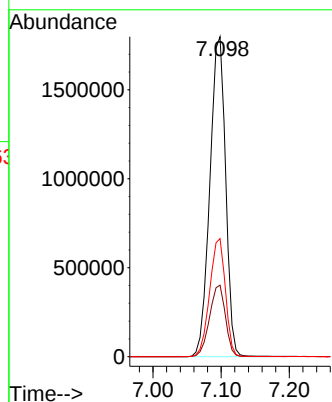
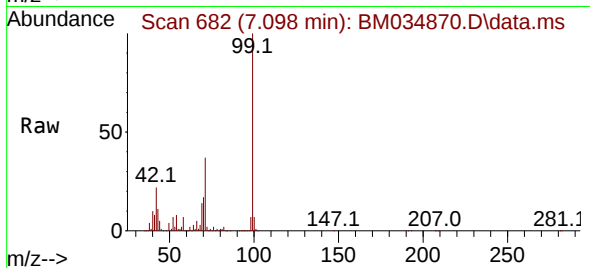




#7  
Phenol-d6  
Concen: 153.284 ng  
RT: 7.098 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM034870.D  
Acq: 02 May 2022 11:40

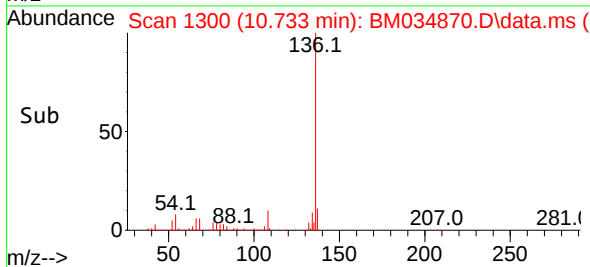
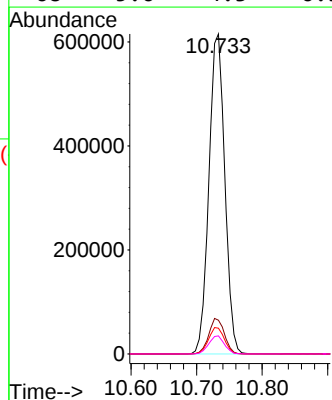
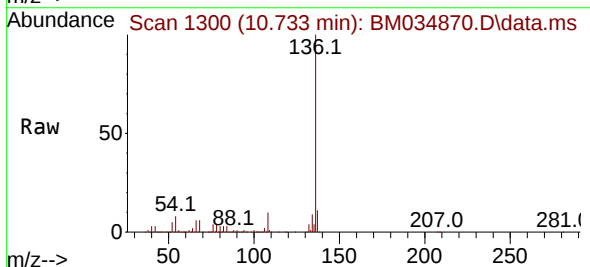
Instrument :  
BNA\_M  
ClientSampleId :  
PB144493BL

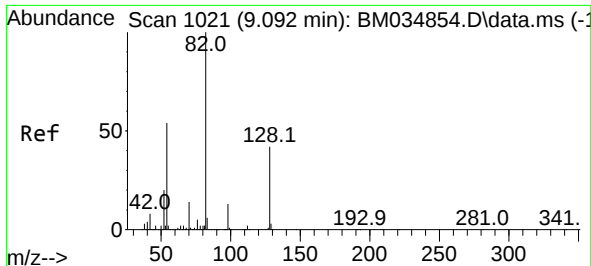
Tgt Ion: 99 Resp: 2892693  
Ion Ratio Lower Upper  
99 100  
42 22.3 18.8 28.2  
71 36.9 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.733 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BM034870.D  
Acq: 02 May 2022 11:40

Tgt Ion: 136 Resp: 1035944  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.9 13.3  
54 8.1 7.0 10.4  
68 5.6 4.3 6.5

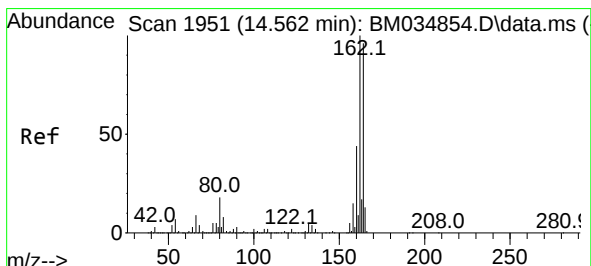
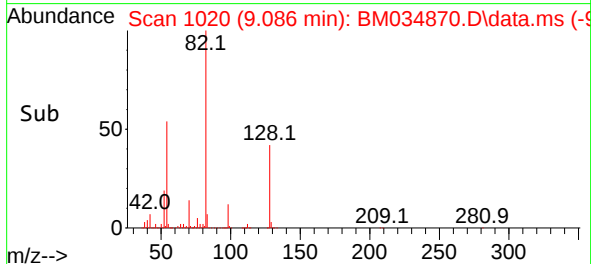
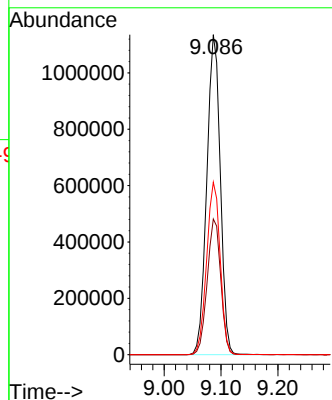
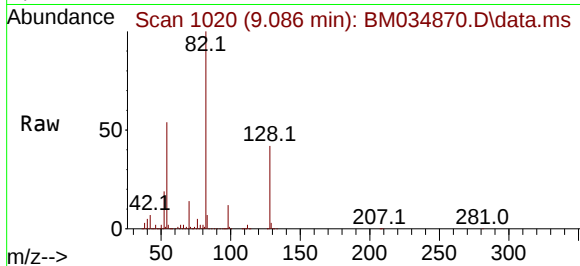




#23  
Nitrobenzene-d5  
Concen: 97.418 ng  
RT: 9.086 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: BM034870.D  
Acq: 02 May 2022 11:40

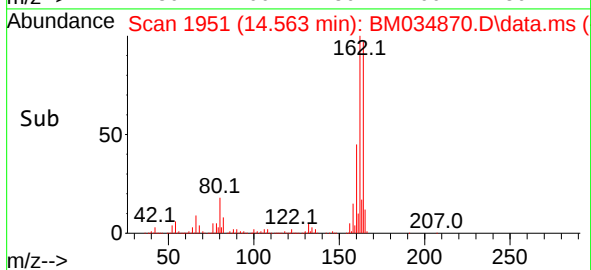
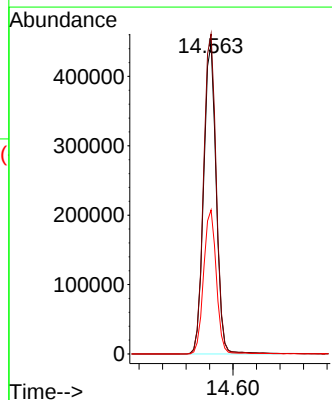
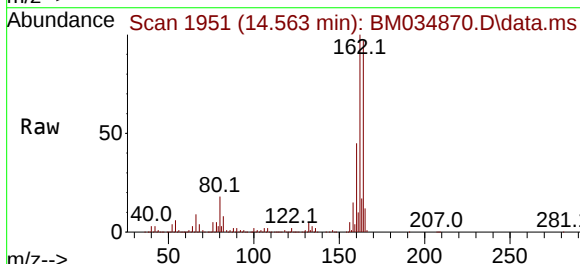
Instrument :  
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ClientSampleId :  
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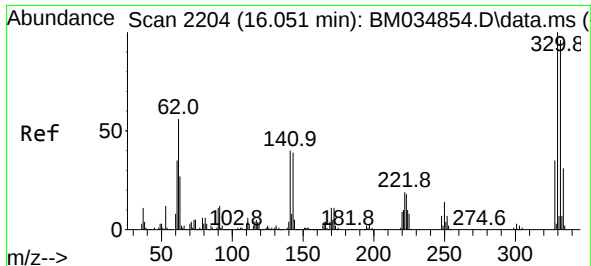
Tgt Ion: 82 Resp: 1868829  
Ion Ratio Lower Upper  
82 100  
128 42.4 33.7 50.5  
54 53.9 43.2 64.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.563 min Scan# 1951  
Delta R.T. 0.001 min  
Lab File: BM034870.D  
Acq: 02 May 2022 11:40

Tgt Ion:164 Resp: 660429  
Ion Ratio Lower Upper  
164 100  
162 103.2 83.0 124.6  
160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 164.793 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM034870.D

Acq: 02 May 2022 11:40

Instrument :

BNA\_M

ClientSampleId :

PB144493BL

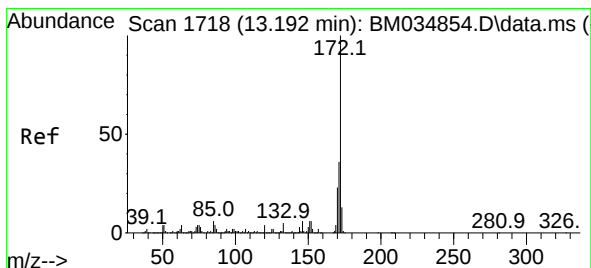
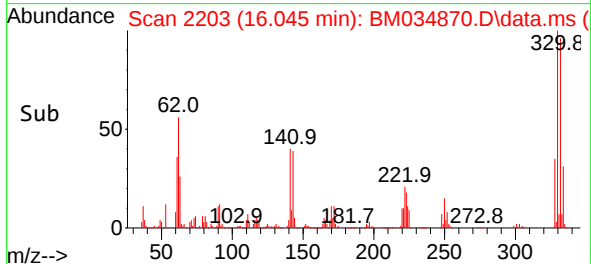
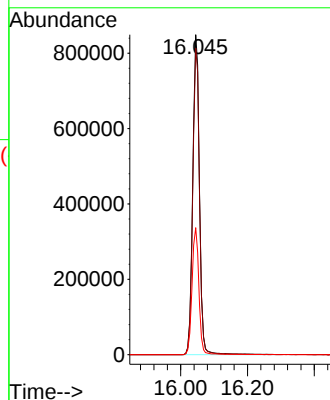
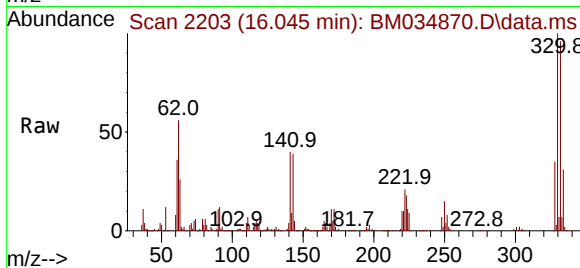
Tgt Ion:330 Resp: 1183899

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 40.5 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 98.743 ng

RT: 13.192 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BM034870.D

Acq: 02 May 2022 11:40

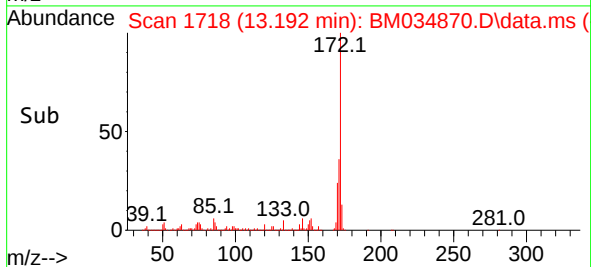
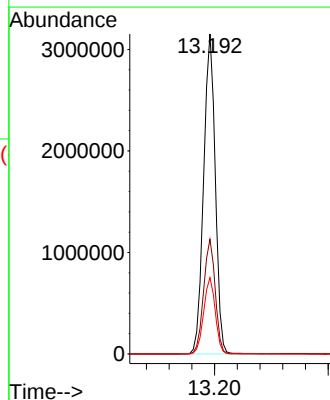
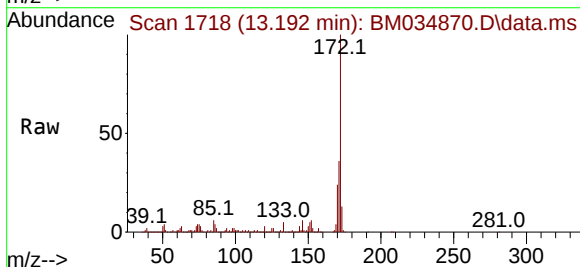
Tgt Ion:172 Resp: 4492227

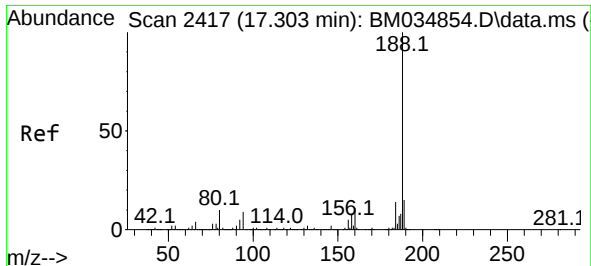
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.9 18.7 28.1

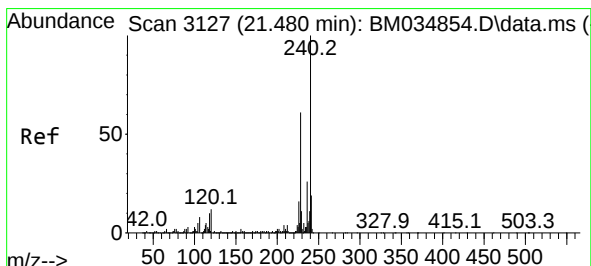
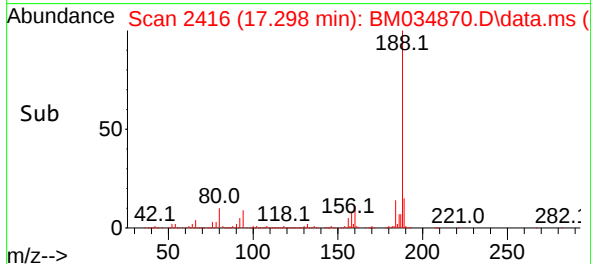
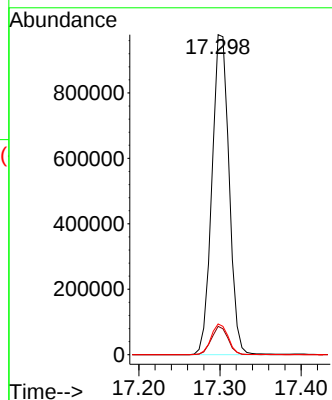
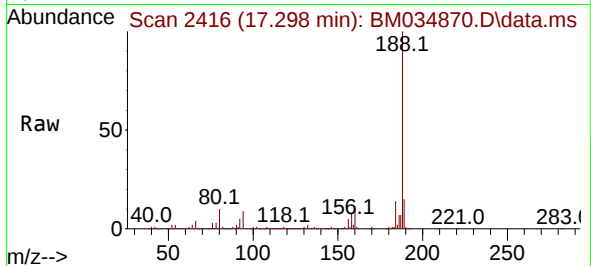




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.298 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BM034870.D  
Acq: 02 May 2022 11:40

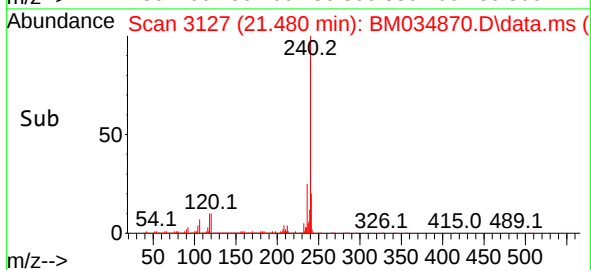
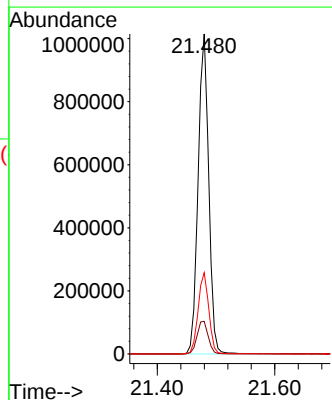
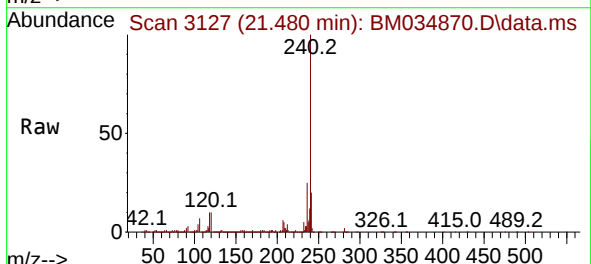
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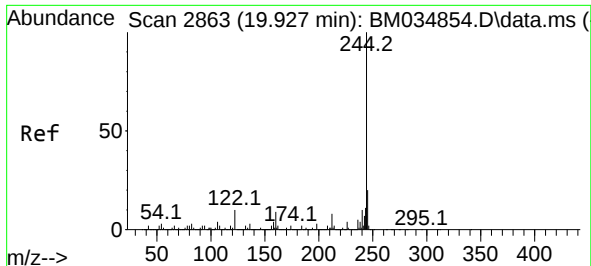
Tgt Ion:188 Resp: 1433729  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.0 10.4  
80 9.6 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.480 min Scan# 3127  
Delta R.T. -0.000 min  
Lab File: BM034870.D  
Acq: 02 May 2022 11:40

Tgt Ion:240 Resp: 1269794  
Ion Ratio Lower Upper  
240 100  
120 10.2 9.4 14.0  
236 25.4 20.6 30.8

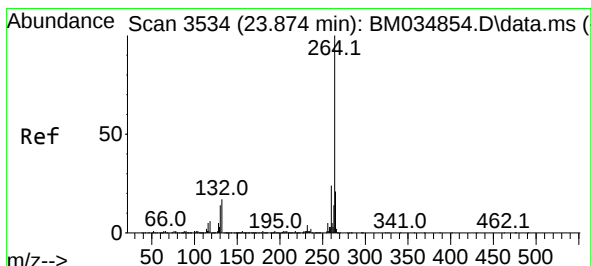
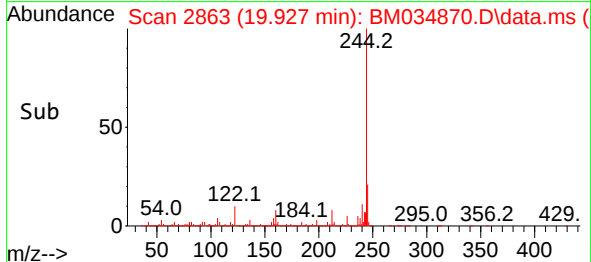
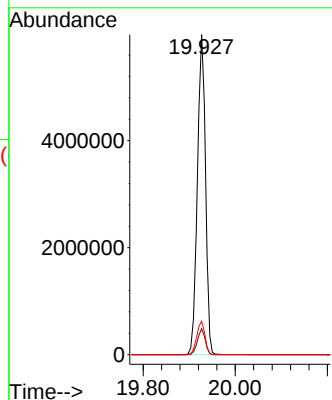
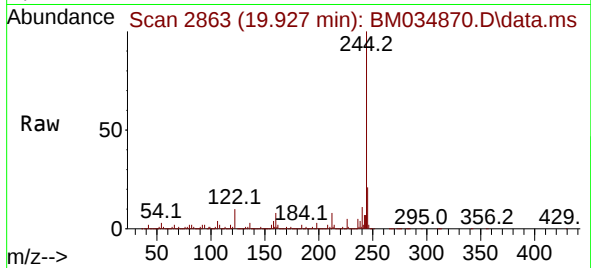




#79  
 Terphenyl-d14  
 Concen: 111.147 ng  
 RT: 19.927 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM034870.D  
 Acq: 02 May 2022 11:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB144493BL

Tgt Ion:244 Resp: 7289204  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.2 9.4  
 122 10.4 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.868 min Scan# 3533  
 Delta R.T. -0.006 min  
 Lab File: BM034870.D  
 Acq: 02 May 2022 11:40

Tgt Ion:264 Resp: 1136084  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.9 28.3  
 265 22.1 17.5 26.3

