

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021723\  
 Data File : BM038774.D  
 Acq On : 17 Feb 2023 11:57  
 Operator : CG/JU  
 Sample : PB150858BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150858BL

Quant Time: Feb 17 23:16:25 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 23:12:31 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.910  | 152  | 63504    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.722 | 136  | 229769   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.563 | 164  | 153511   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.304 | 188  | 297795   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.486 | 240  | 233138   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.874 | 264  | 266058   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 443254   | 136.731 | ng    | 0.00     |
| 7) Phenol-d6                | 7.092  | 99   | 527861   | 142.767 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.092  | 82   | 304558   | 75.289  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.057 | 330  | 271872   | 130.297 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.186 | 172  | 959500   | 79.573  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.927 | 244  | 1413521  | 106.992 | ng    | 0.00     |

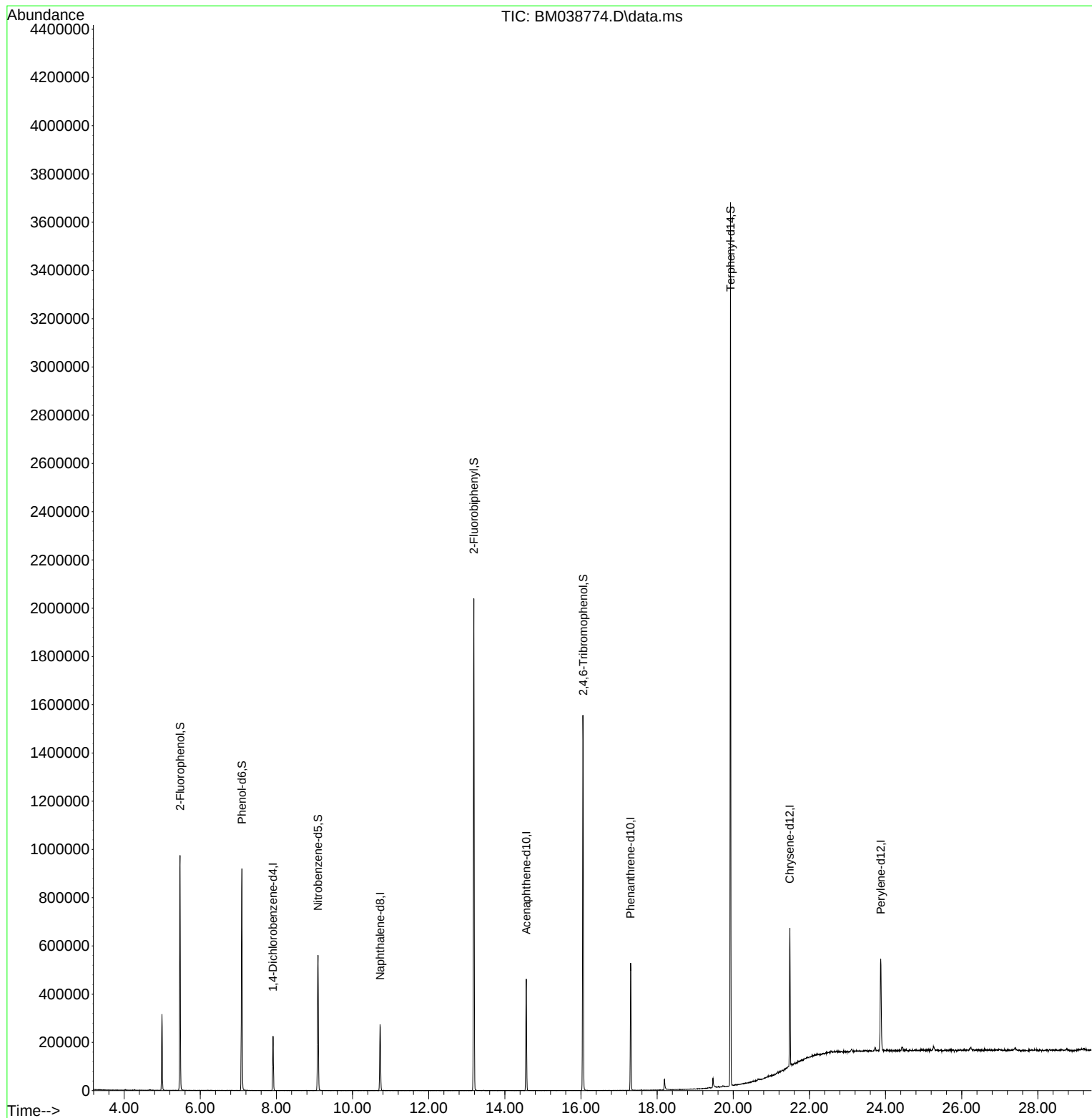
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

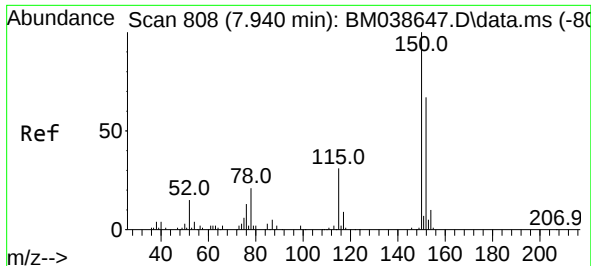
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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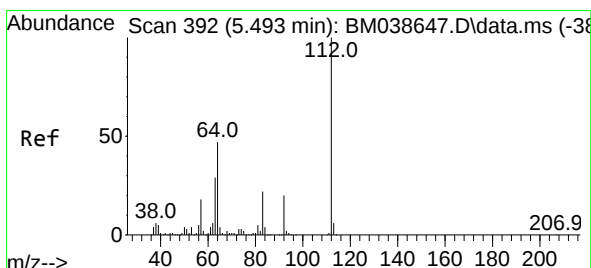
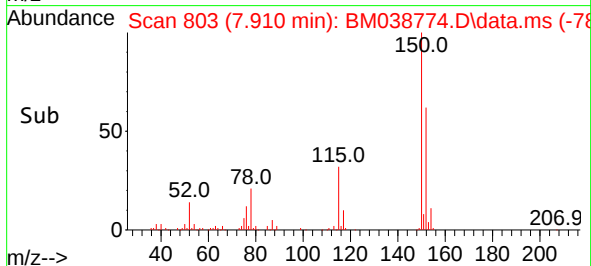
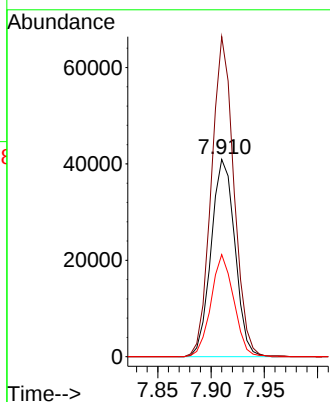
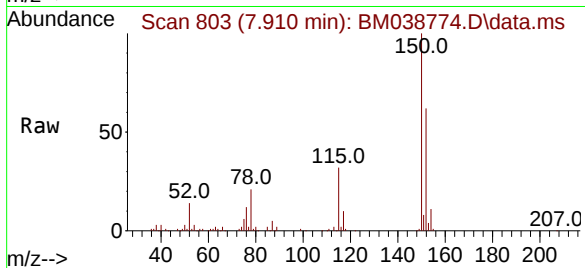




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.910 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BM038774.D  
Acq: 17 Feb 2023 11:57

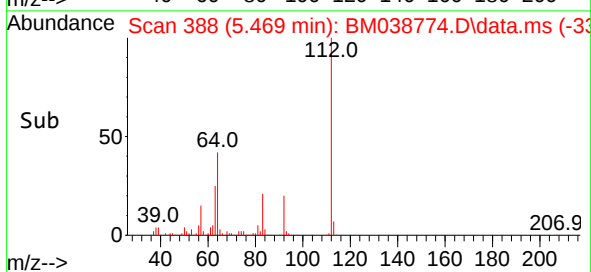
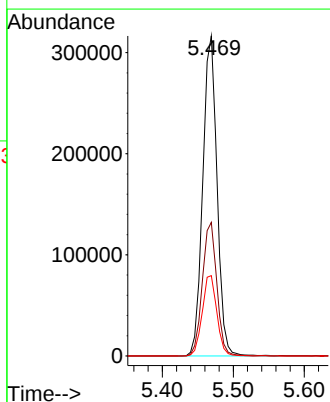
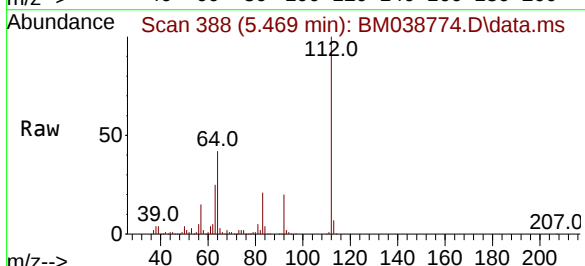
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BL

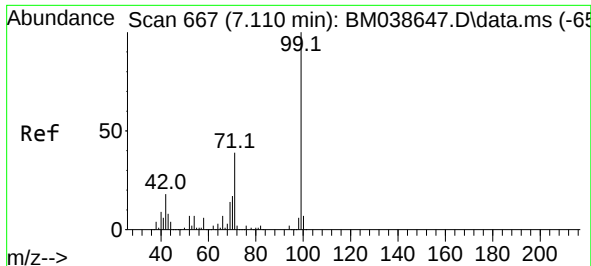
Tgt Ion:152 Resp: 63504  
Ion Ratio Lower Upper  
152 100  
150 162.2 119.5 179.3  
115 51.7 37.6 56.4



#5  
2-Fluorophenol  
Concen: 136.731 ng  
RT: 5.469 min Scan# 388  
Delta R.T. 0.006 min  
Lab File: BM038774.D  
Acq: 17 Feb 2023 11:57

Tgt Ion:112 Resp: 443254  
Ion Ratio Lower Upper  
112 100  
64 41.7 37.9 56.9  
63 25.1 23.3 34.9

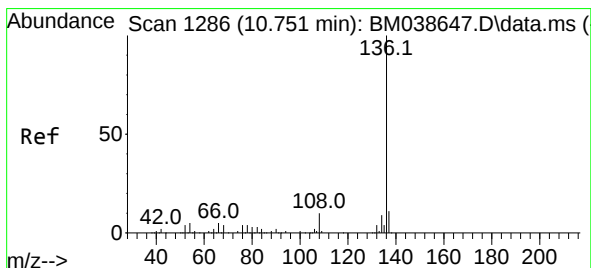
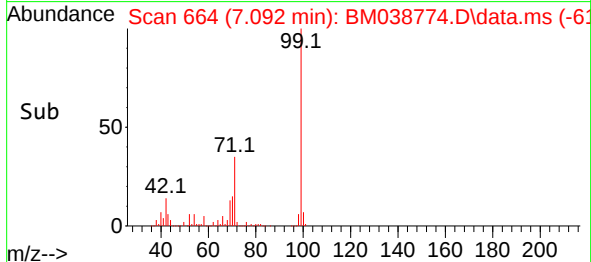
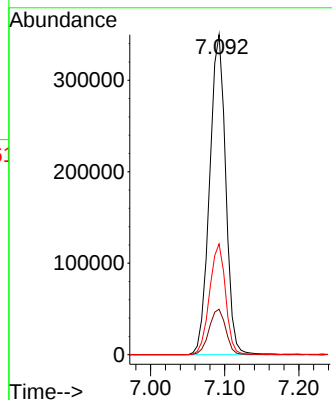
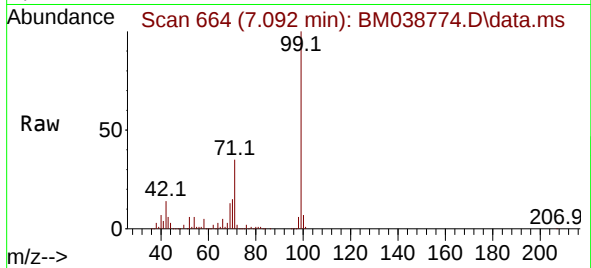




#7  
Phenol-d6  
Concen: 142.767 ng  
RT: 7.092 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BM038774.D  
Acq: 17 Feb 2023 11:57

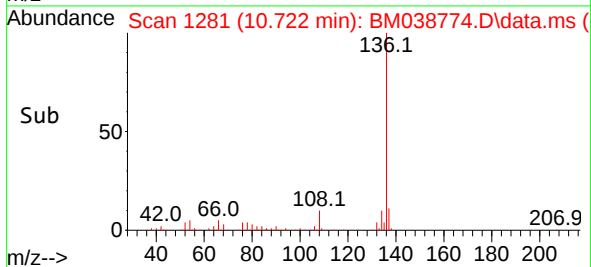
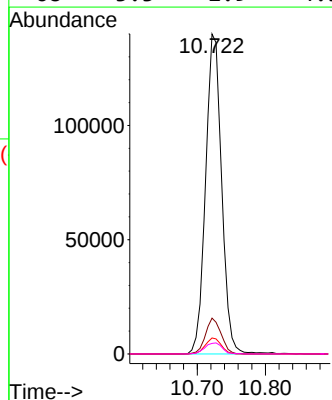
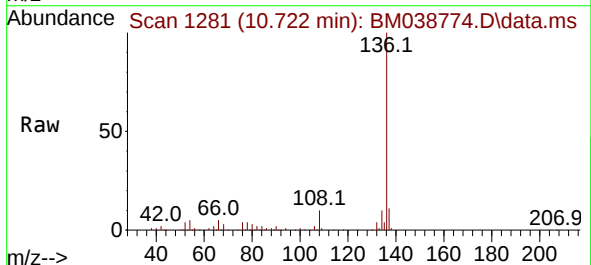
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BL

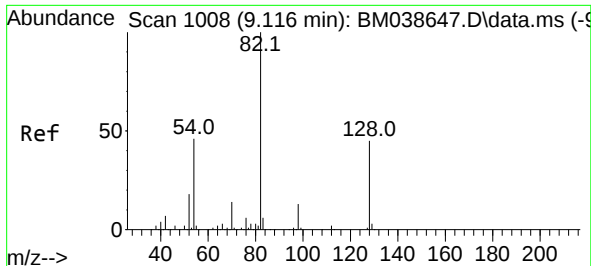
Tgt Ion: 99 Resp: 527861  
Ion Ratio Lower Upper  
99 100  
42 14.2 14.6 22.0#  
71 34.6 31.0 46.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.722 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BM038774.D  
Acq: 17 Feb 2023 11:57

Tgt Ion: 136 Resp: 229769  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 5.0 4.2 6.4  
68 3.3 2.9 4.3

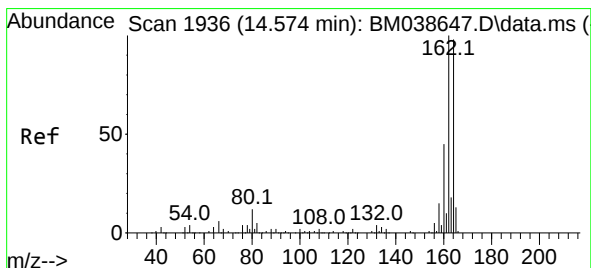
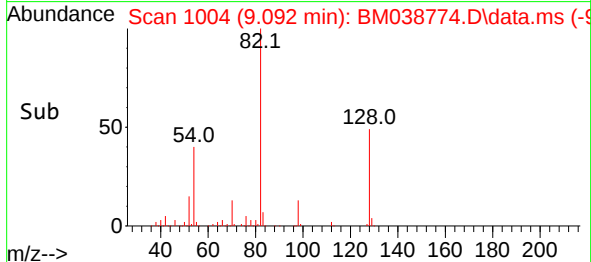
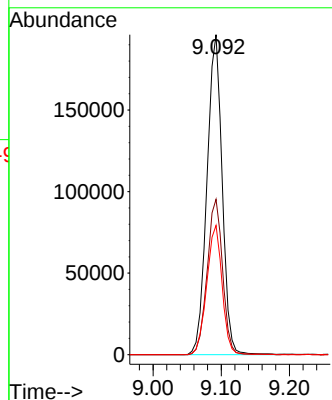
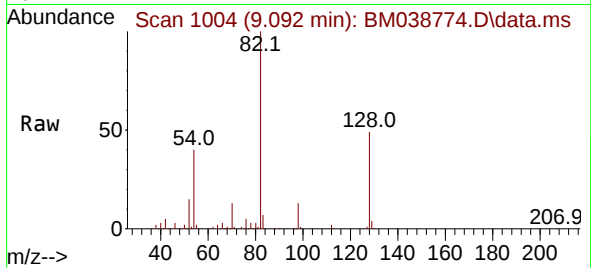




#23  
Nitrobenzene-d5  
Concen: 75.289 ng  
RT: 9.092 min Scan# 1004  
Delta R.T. -0.000 min  
Lab File: BM038774.D  
Acq: 17 Feb 2023 11:57

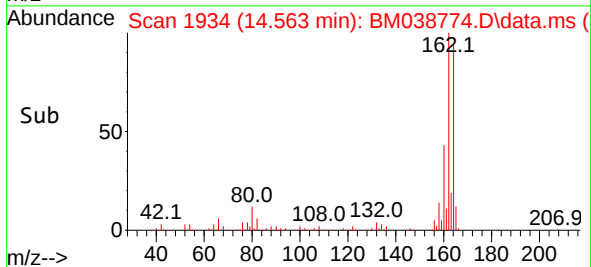
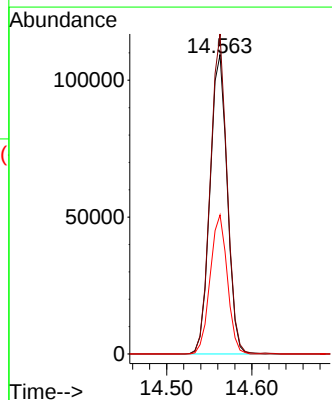
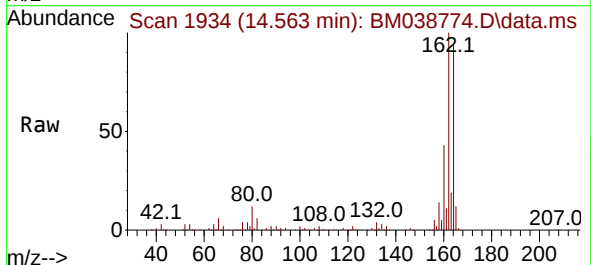
Instrument :  
BNA\_M  
ClientSampleId :  
PB150858BL

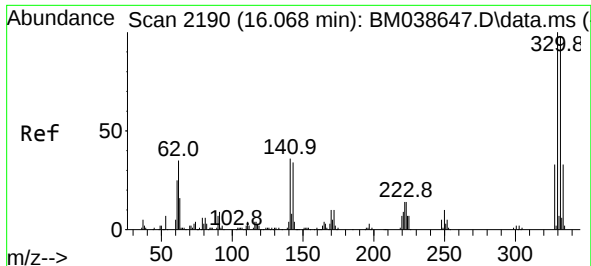
Tgt Ion: 82 Resp: 304558  
Ion Ratio Lower Upper  
82 100  
128 48.6 36.0 54.0  
54 40.4 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.563 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: BM038774.D  
Acq: 17 Feb 2023 11:57

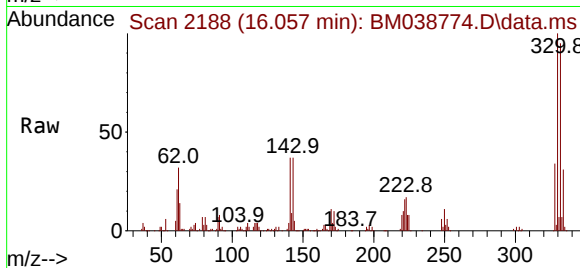
Tgt Ion:164 Resp: 153511  
Ion Ratio Lower Upper  
164 100  
162 106.9 81.4 122.0  
160 46.5 36.5 54.7



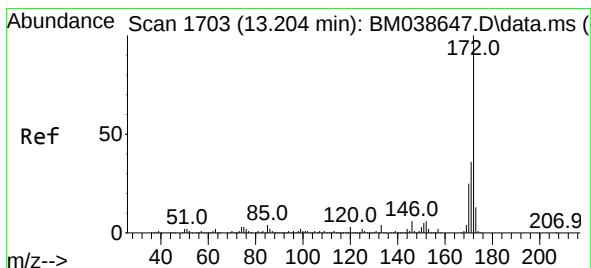
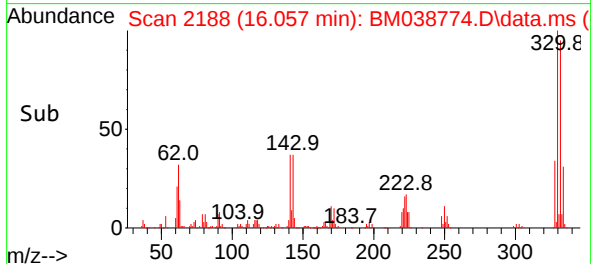
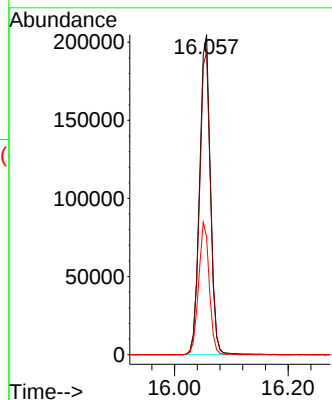


#42  
2,4,6-Tribromophenol  
Concen: 130.297 ng  
RT: 16.057 min Scan# 2190  
Delta R.T. -0.000 min  
Lab File: BM038774.D  
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ClientSampleId :  
PB150858BL

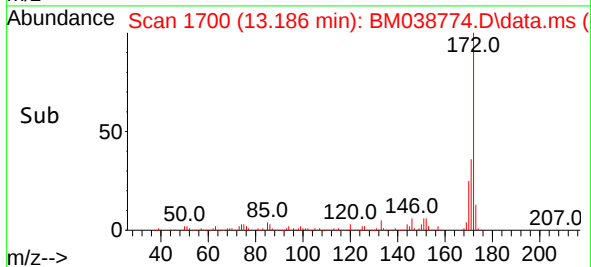
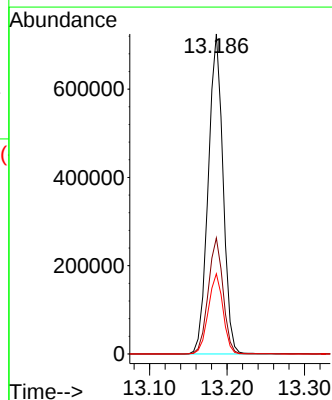
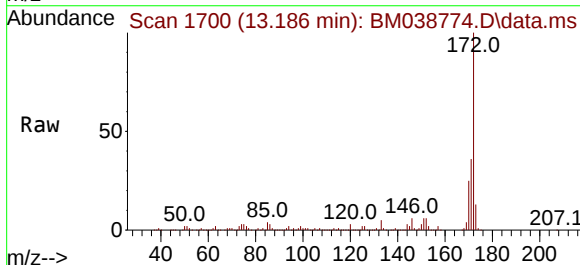


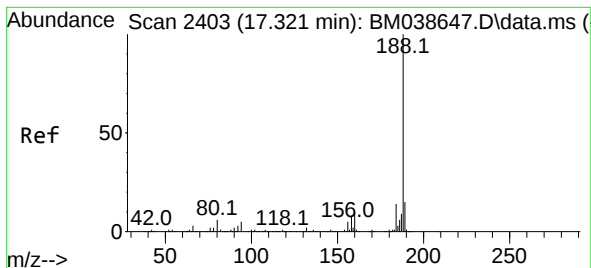
Tgt Ion:330 Resp: 271872  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.8 116.6  
141 40.6 31.0 46.6



#45  
2-Fluorobiphenyl  
Concen: 79.573 ng  
RT: 13.186 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: BM038774.D  
Acq: 17 Feb 2023 11:57

Tgt Ion:172 Resp: 959500  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.7 43.1  
170 25.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BM038774.D

Acq: 17 Feb 2023 11:57

Instrument :

BNA\_M

ClientSampleId :

PB150858BL

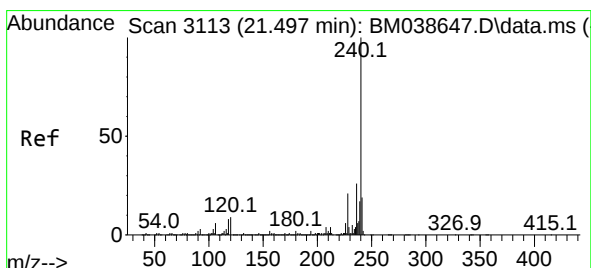
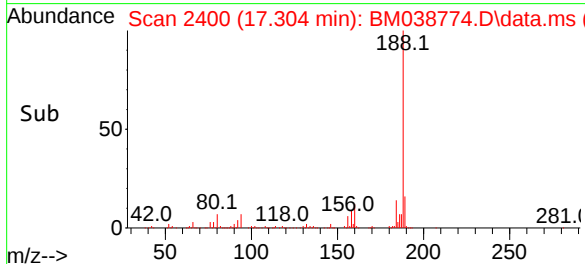
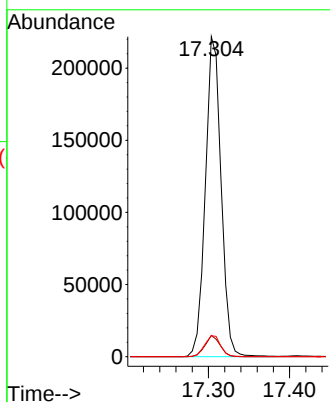
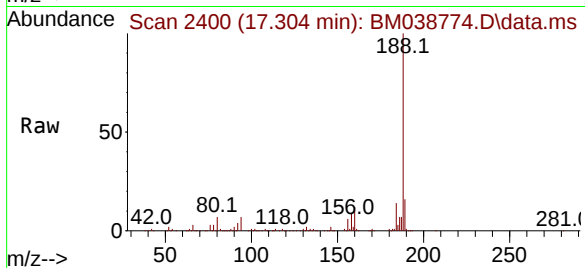
Tgt Ion:188 Resp: 297795

Ion Ratio Lower Upper

188 100

94 6.6 4.2 6.4#

80 6.6 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: BM038774.D

Acq: 17 Feb 2023 11:57

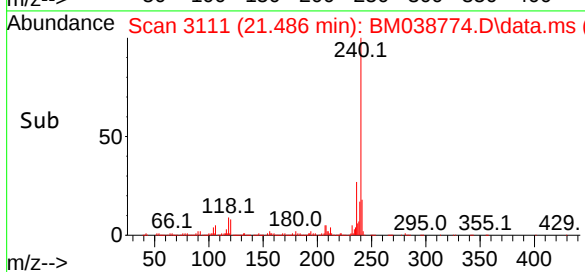
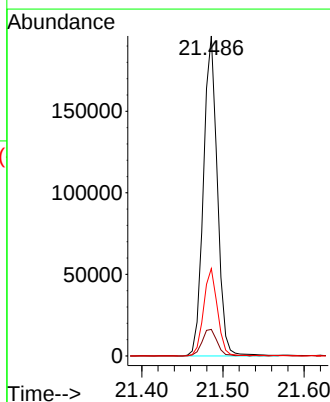
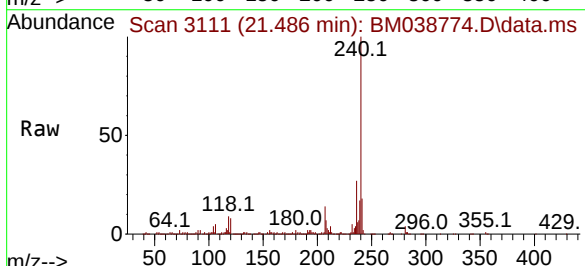
Tgt Ion:240 Resp: 233138

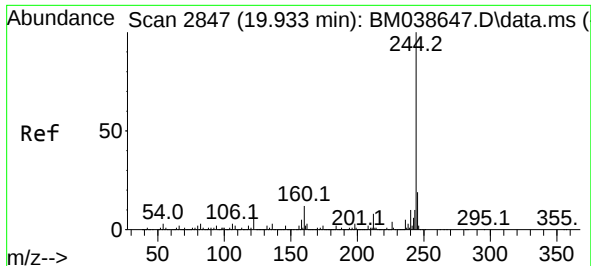
Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.4

236 27.3 20.9 31.3

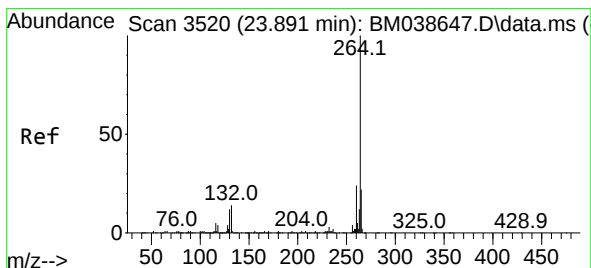
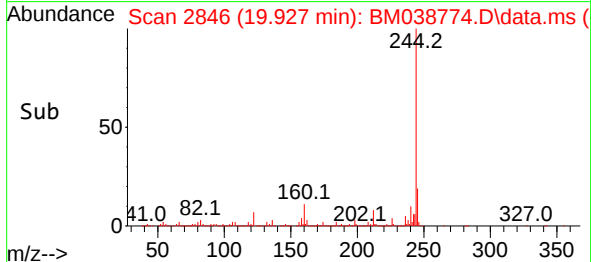
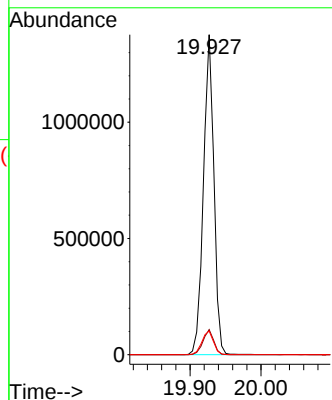
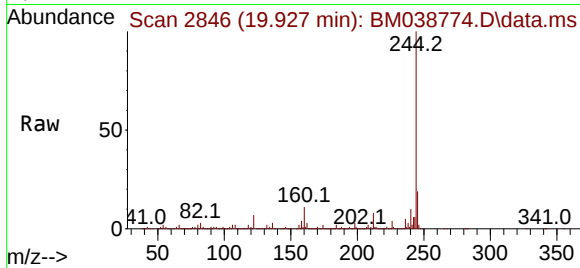




#79  
 Terphenyl-d14  
 Concen: 106.992 ng  
 RT: 19.927 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM038774.D  
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Instrument :  
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 PB150858BL

Tgt Ion:244 Resp: 1413521  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.6 9.8  
 122 7.4 7.8 11.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.874 min Scan# 3517  
 Delta R.T. -0.000 min  
 Lab File: BM038774.D  
 Acq: 17 Feb 2023 11:57

Tgt Ion:264 Resp: 266058  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.6 29.4  
 265 22.3 17.9 26.9

