

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011823\  
 Data File : BM038475.D  
 Acq On : 18 Jan 2023 11:49  
 Operator : CG/JU  
 Sample : PB150196BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150196BL

Quant Time: Jan 19 06:11:23 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   | 7.975  | 152  | 65078    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.786 | 136  | 222763   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.610 | 164  | 121245   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.351 | 188  | 237055   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.521 | 240  | 199469   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.944 | 264  | 240765   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 571058   | 133.853 | ng    | 0.00     |
| 7) Phenol-d6                | 7.139  | 99   | 676290   | 123.748 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.151  | 82   | 460280   | 84.189  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.098 | 330  | 215827   | 105.300 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.239 | 172  | 809451   | 83.259  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.962 | 244  | 1094522  | 102.722 | ng    | 0.00     |

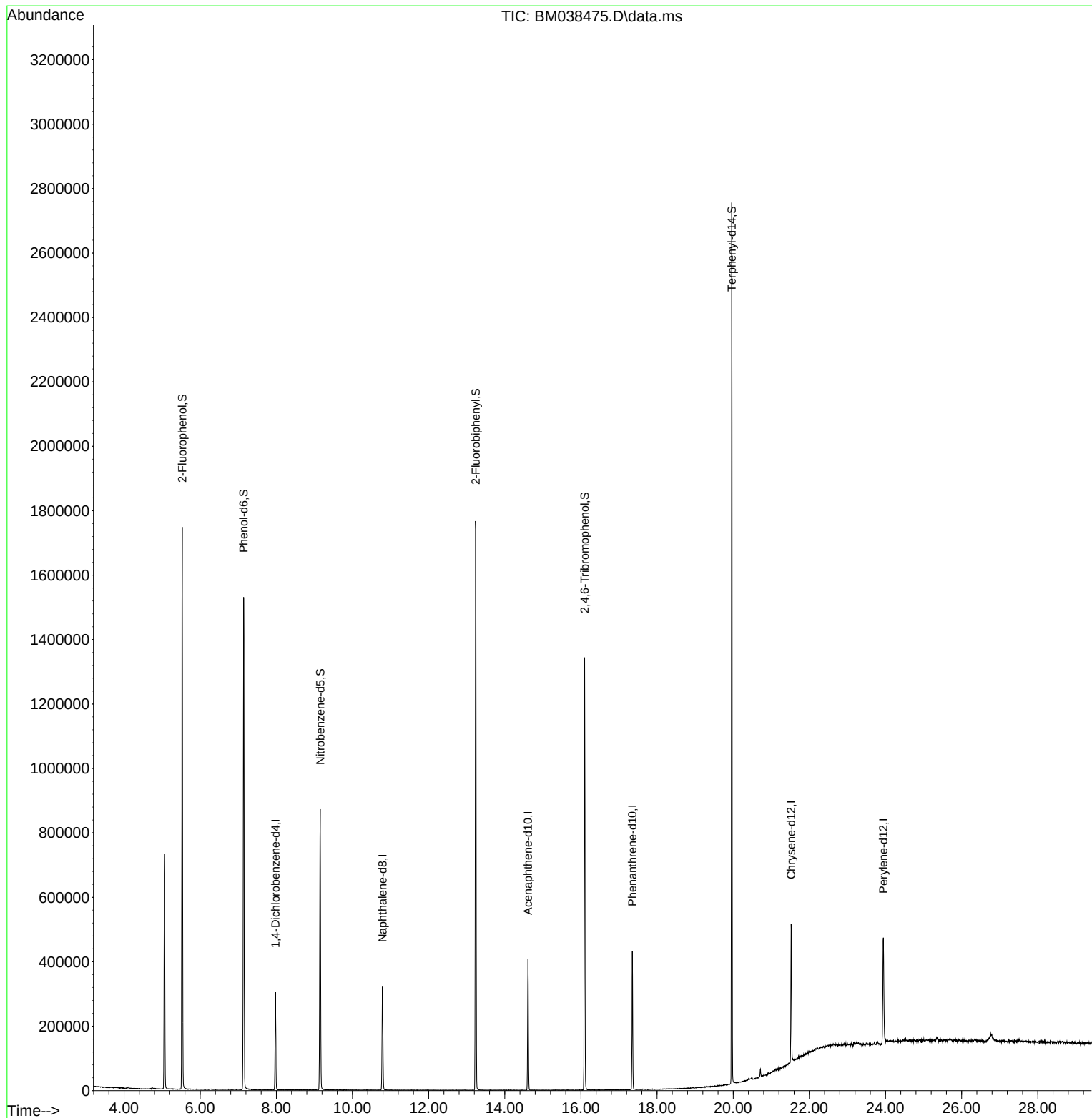
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

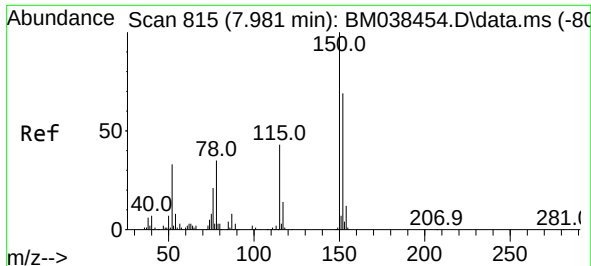
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

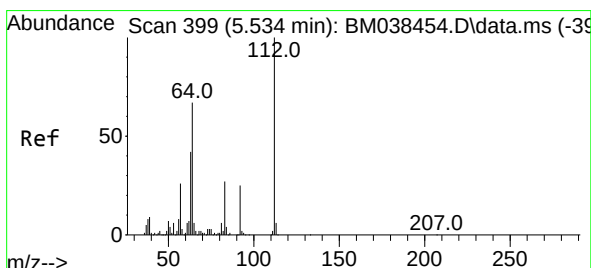
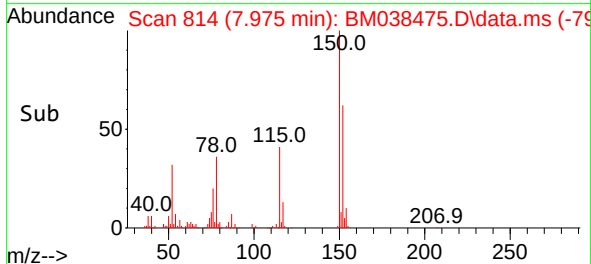
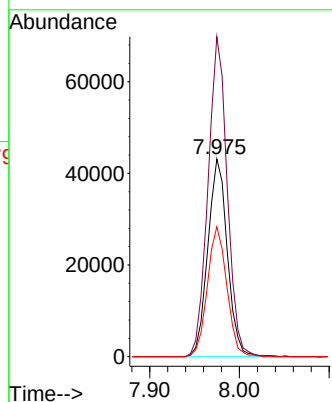
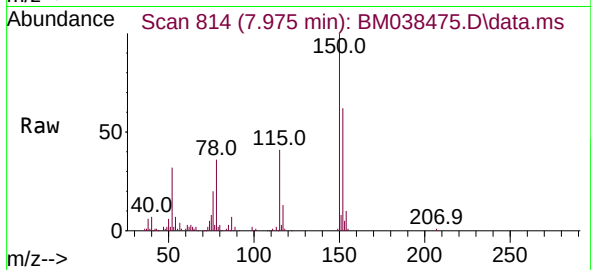




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.975 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: BM038475.D  
Acq: 18 Jan 2023 11:49

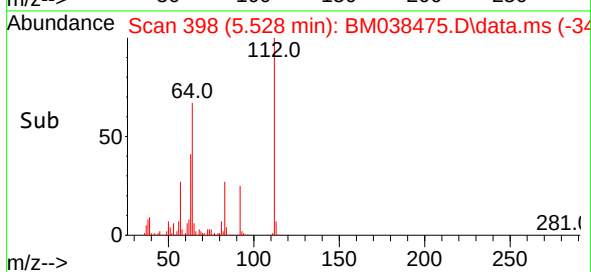
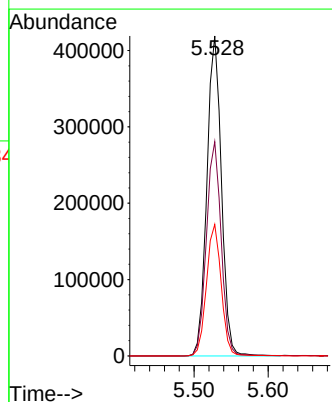
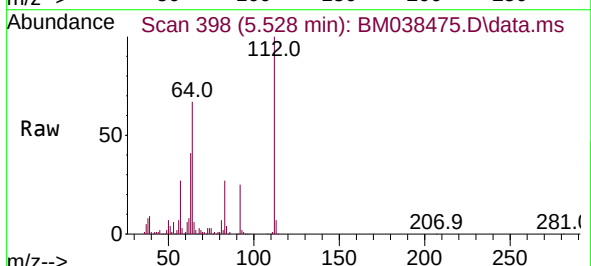
Instrument :  
BNA\_M  
ClientSampleId :  
PB150196BL

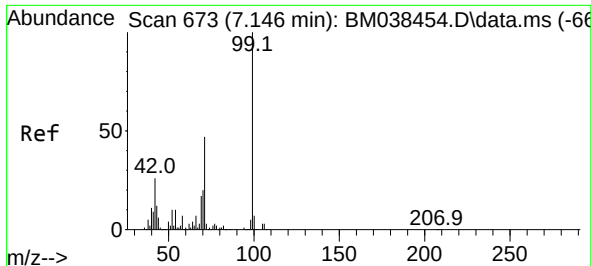
Tgt Ion:152 Resp: 65078  
Ion Ratio Lower Upper  
152 100  
150 161.9 116.0 174.0  
115 65.7 49.4 74.2



#5  
2-Fluorophenol  
Concen: 133.853 ng  
RT: 5.528 min Scan# 398  
Delta R.T. 0.006 min  
Lab File: BM038475.D  
Acq: 18 Jan 2023 11:49

Tgt Ion:112 Resp: 571058  
Ion Ratio Lower Upper  
112 100  
64 66.9 53.7 80.5  
63 41.1 33.7 50.5

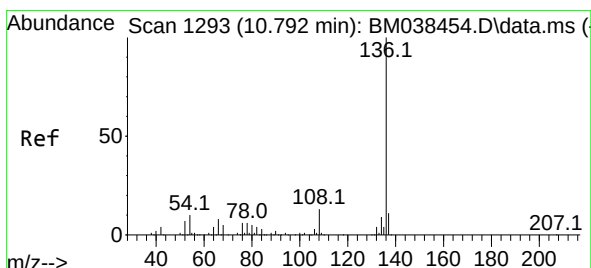
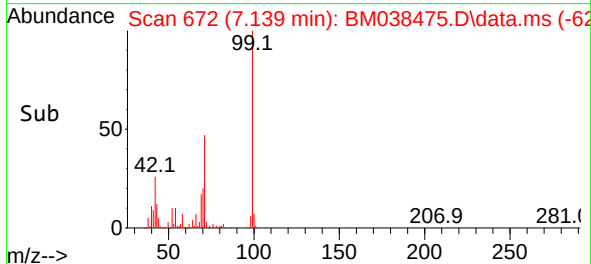
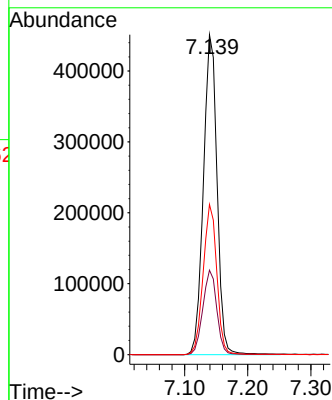
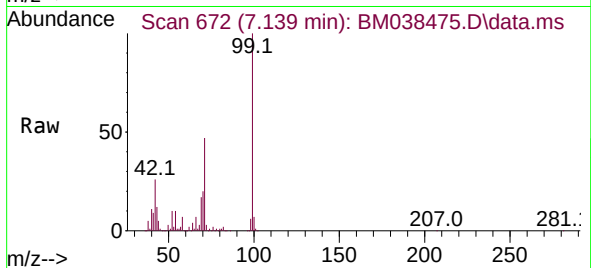




#7  
Phenol-d6  
Concen: 123.748 ng  
RT: 7.139 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM038475.D  
Acq: 18 Jan 2023 11:49

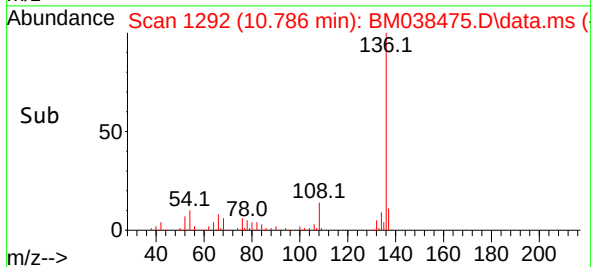
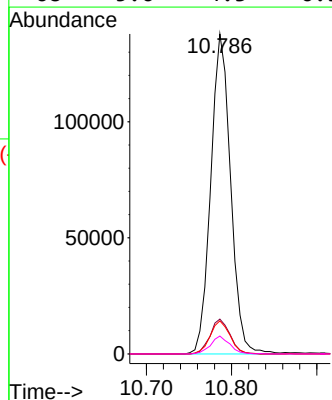
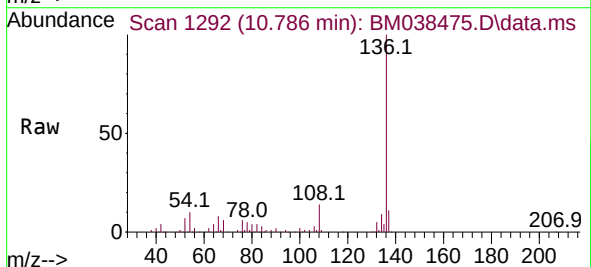
Instrument :  
BNA\_M  
ClientSampleId :  
PB150196BL

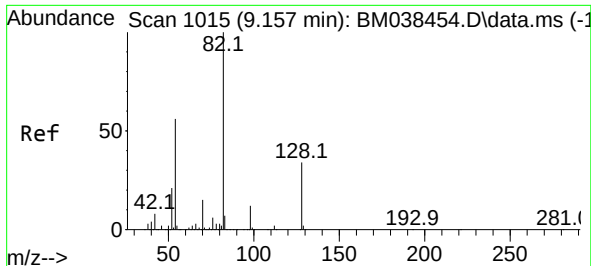
Tgt Ion: 99 Resp: 676290  
Ion Ratio Lower Upper  
99 100  
42 26.4 20.8 31.2  
71 46.9 37.8 56.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.786 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BM038475.D  
Acq: 18 Jan 2023 11:49

Tgt Ion: 136 Resp: 222763  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 10.3 7.6 11.4  
68 5.6 4.3 6.5

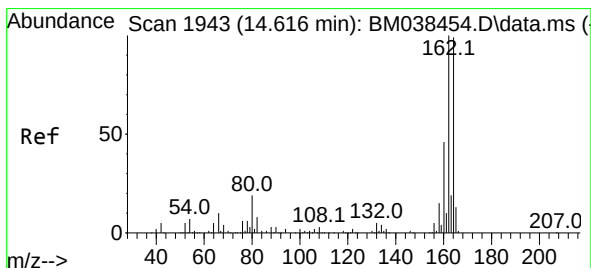
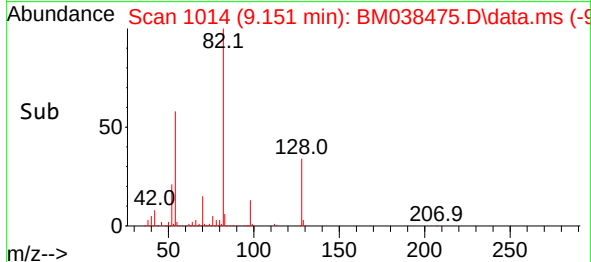
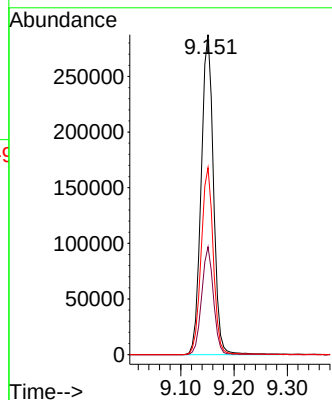
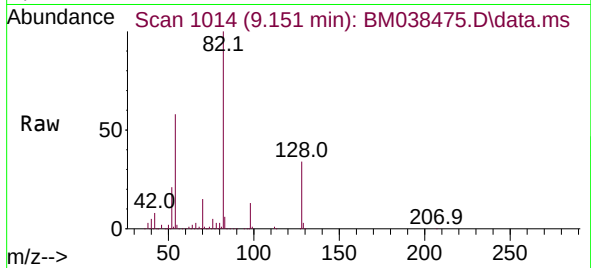




#23  
 Nitrobenzene-d5  
 Concen: 84.189 ng  
 RT: 9.151 min Scan# 1014  
 Delta R.T. 0.000 min  
 Lab File: BM038475.D  
 Acq: 18 Jan 2023 11:49

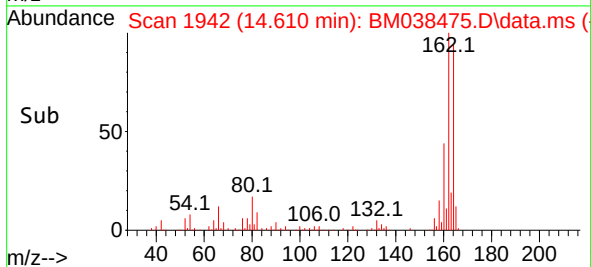
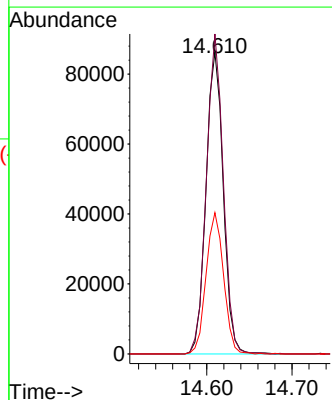
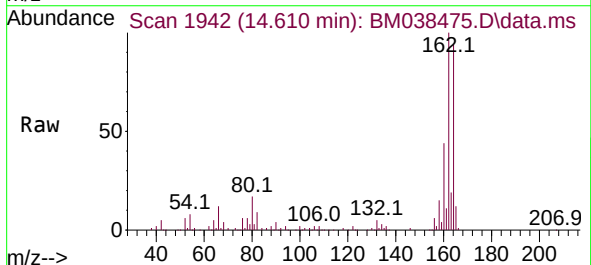
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB150196BL

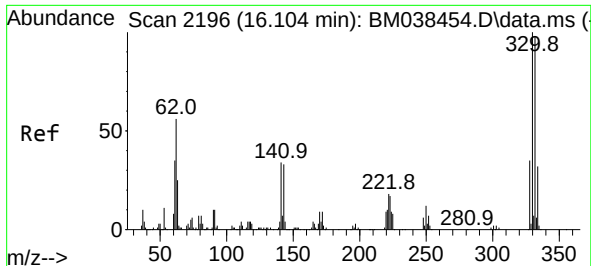
Tgt Ion: 82 Resp: 460280  
 Ion Ratio Lower Upper  
 82 100  
 128 33.7 27.0 40.6  
 54 58.4 45.0 67.6



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.610 min Scan# 1942  
 Delta R.T. 0.000 min  
 Lab File: BM038475.D  
 Acq: 18 Jan 2023 11:49

Tgt Ion: 164 Resp: 121245  
 Ion Ratio Lower Upper  
 164 100  
 162 106.1 80.9 121.3  
 160 46.8 37.4 56.0

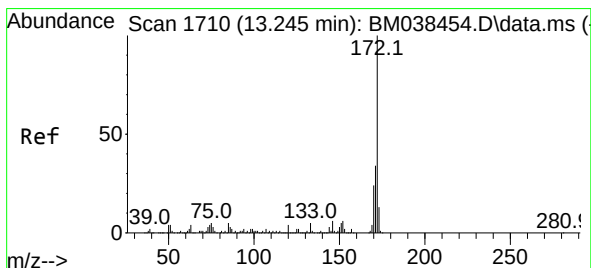
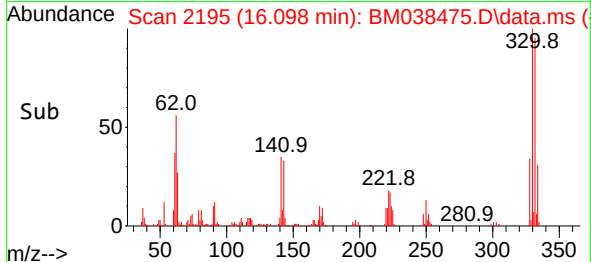
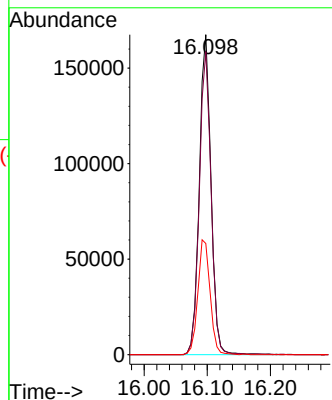
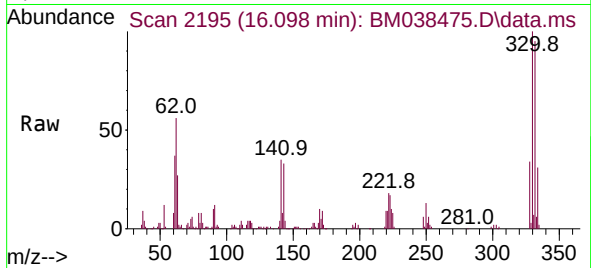




#42  
2,4,6-Tribromophenol  
Concen: 105.300 ng  
RT: 16.098 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: BM038475.D  
Acq: 18 Jan 2023 11:49

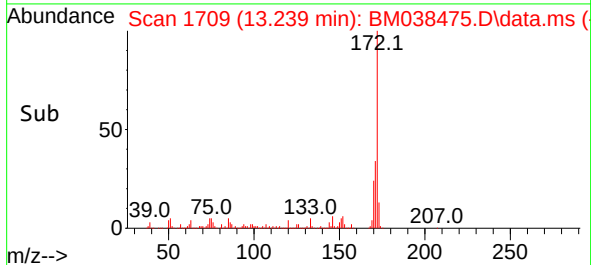
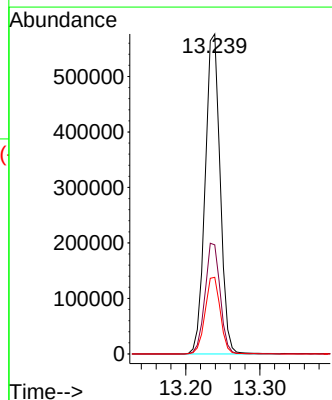
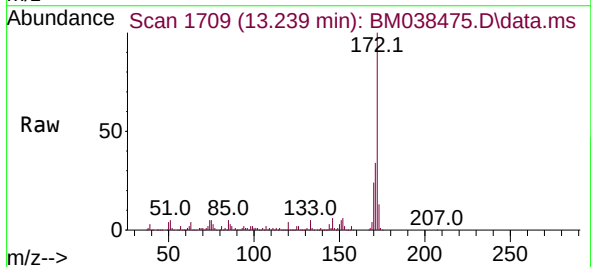
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ClientSampleId :  
PB150196BL

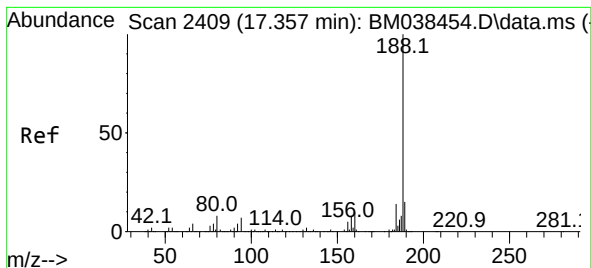
Tgt Ion:330 Resp: 215827  
Ion Ratio Lower Upper  
330 100  
332 94.9 77.0 115.4  
141 37.5 28.1 42.1



#45  
2-Fluorobiphenyl  
Concen: 83.259 ng  
RT: 13.239 min Scan# 1709  
Delta R.T. 0.000 min  
Lab File: BM038475.D  
Acq: 18 Jan 2023 11:49

Tgt Ion:172 Resp: 809451  
Ion Ratio Lower Upper  
172 100  
171 34.1 27.5 41.3  
170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM038475.D

Acq: 18 Jan 2023 11:49

Instrument :

BNA\_M

ClientSampleId :

PB150196BL

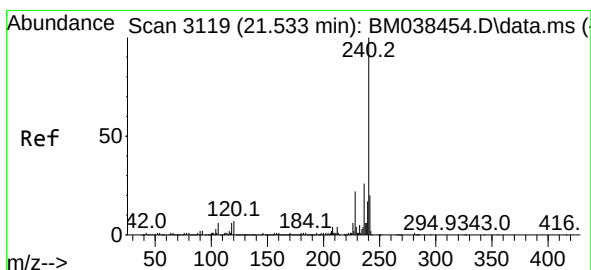
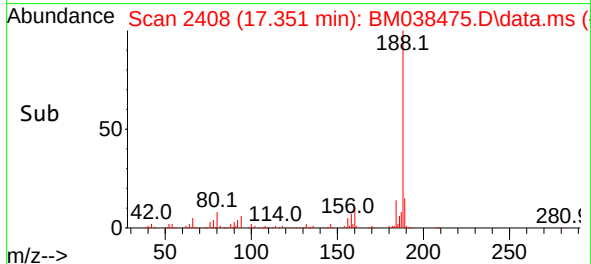
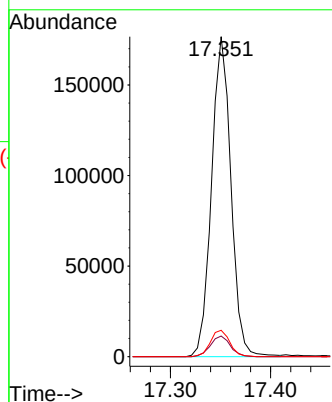
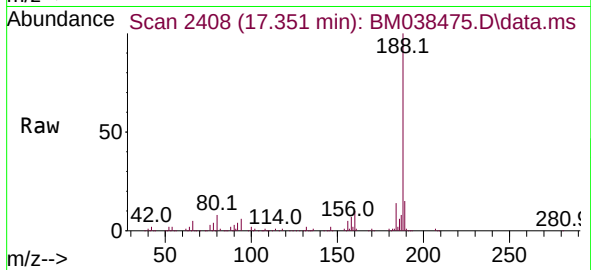
Tgt Ion:188 Resp: 237055

Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 8.2 6.5 9.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM038475.D

Acq: 18 Jan 2023 11:49

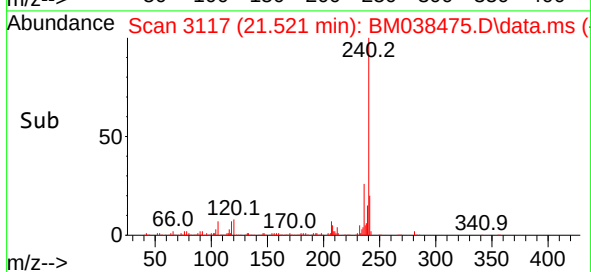
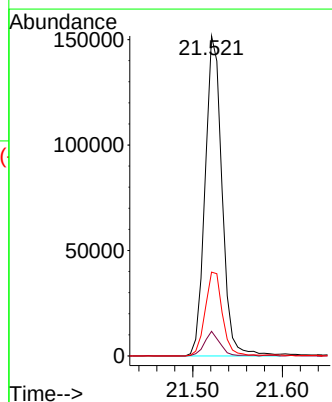
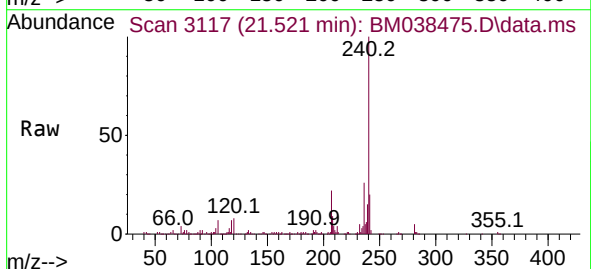
Tgt Ion:240 Resp: 199469

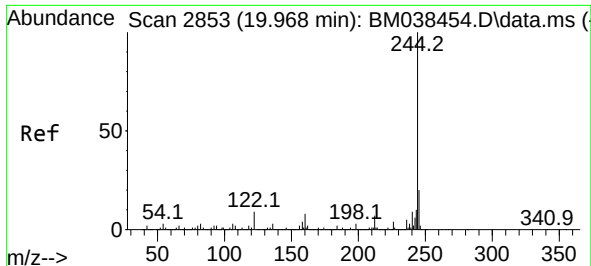
Ion Ratio Lower Upper

240 100

120 7.7 5.6 8.4

236 26.2 21.0 31.4

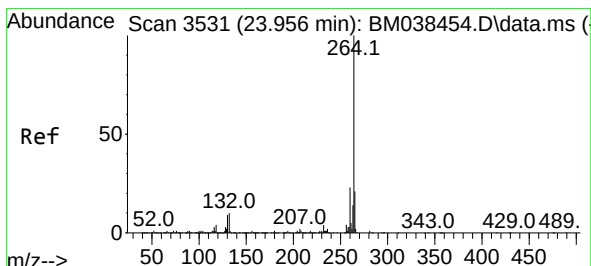
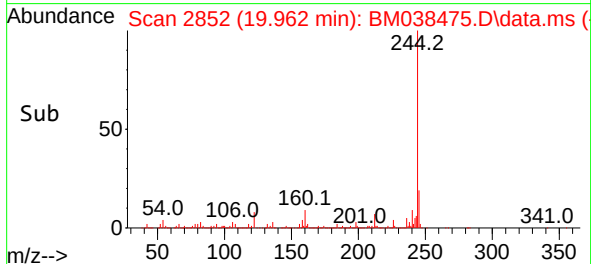
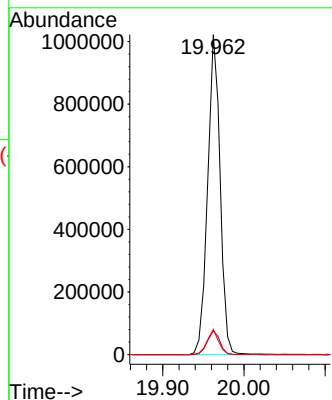
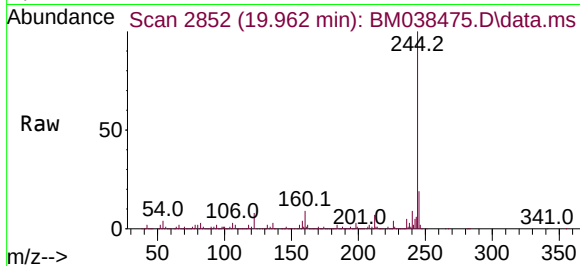




#79  
 Terphenyl-d14  
 Concen: 102.722 ng  
 RT: 19.962 min Scan# 2852  
 Delta R.T. 0.000 min  
 Lab File: BM038475.D  
 Acq: 18 Jan 2023 11:49

Instrument :  
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 PB150196BL

Tgt Ion:244 Resp: 1094522  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.8 8.8  
 122 7.9 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.944 min Scan# 3529  
 Delta R.T. 0.006 min  
 Lab File: BM038475.D  
 Acq: 18 Jan 2023 11:49

Tgt Ion:264 Resp: 240765  
 Ion Ratio Lower Upper  
 264 100  
 260 22.2 18.2 27.4  
 265 21.8 17.2 25.8

