

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060722\  
 Data File : BM035415.D  
 Acq On : 07 Jun 2022 17:15  
 Operator : CG/JU  
 Sample : N3194-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-1

Quant Time: Jun 08 04:08:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 07 14:28:07 2022  
 Response via : Initial Calibration

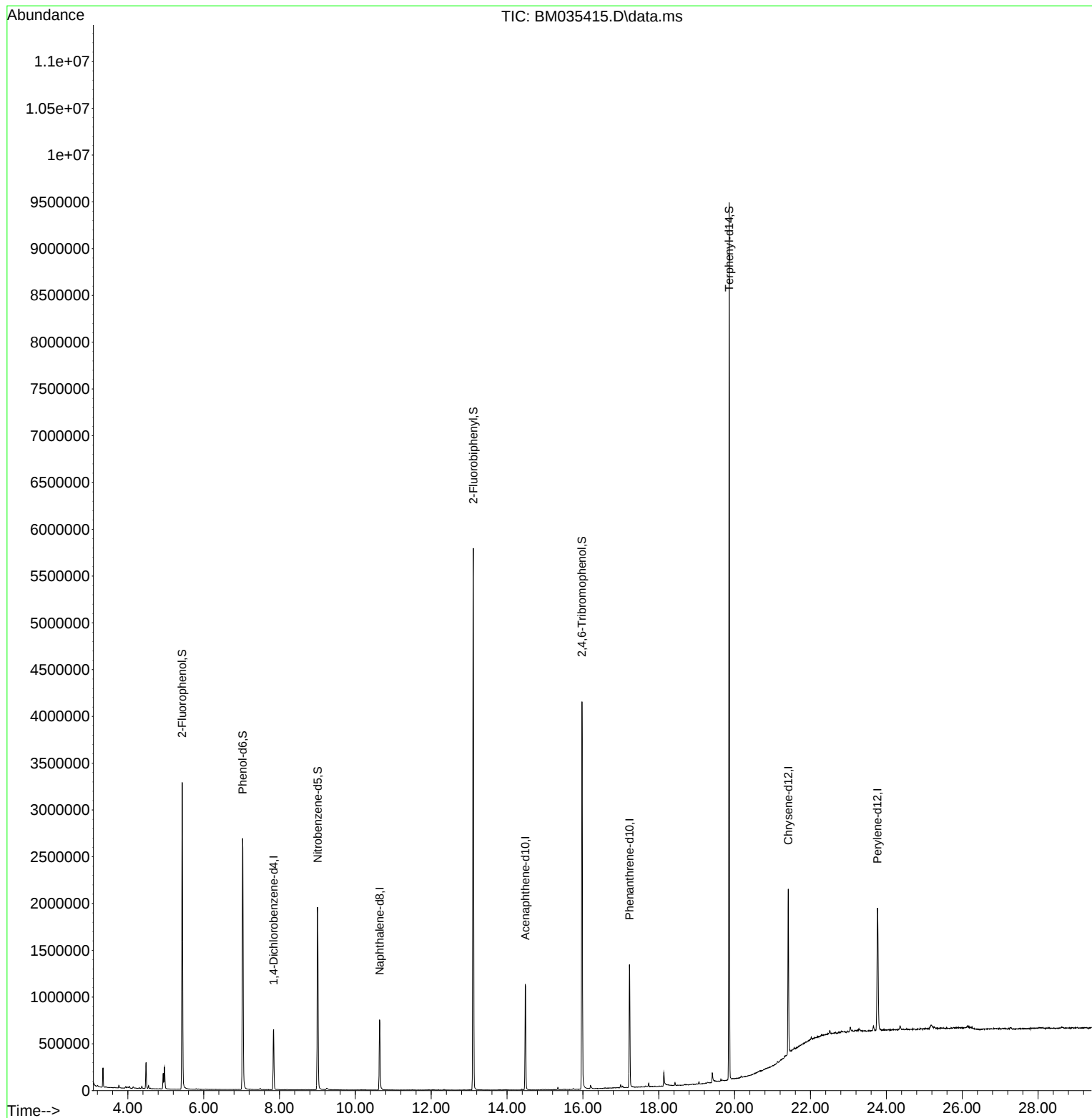
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|-----------|-------|--------------|
| -----                       |        |      |          |           |       |              |
| Internal Standards          |        |      |          |           |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 7.846  | 152  | 200890   | 20.000    | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.639 | 136  | 704929   | 20.000    | ng    | # 0.00       |
| 39) Acenaphthene-d10        | 14.480 | 164  | 434445   | 20.000    | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.227 | 188  | 889759   | 20.000    | ng    | 0.00         |
| 76) Chrysene-d12            | 21.415 | 240  | 918609   | 20.000    | ng    | # 0.00       |
| 86) Perylene-d12            | 23.768 | 264  | 1064930  | 20.000    | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |           |       |              |
| 5) 2-Fluorophenol           | 5.434  | 112  | 1528960  | 159.930   | ng    | 0.00         |
| 7) Phenol-d6                | 7.028  | 99   | 1753102  | 134.246   | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 9.004  | 82   | 1181226  | 106.399   | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 15.974 | 330  | 1019413  | 146.246   | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.110 | 172  | 3303460  | 109.212   | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.857 | 244  | 4845940  | 105.098   | ng    | 0.00         |
| Target Compounds            |        |      |          |           |       |              |
| 9) Benzaldehyde             | 7.028  | 77   | 4659     | Below Cal | #     | Qvalue<br>10 |
| -----                       |        |      |          |           |       |              |

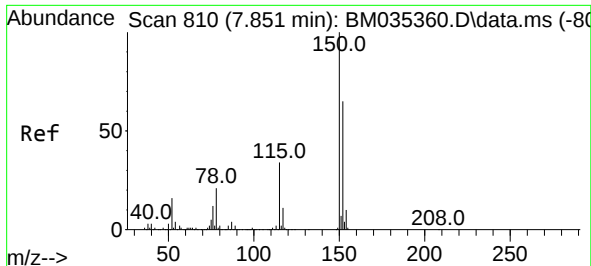
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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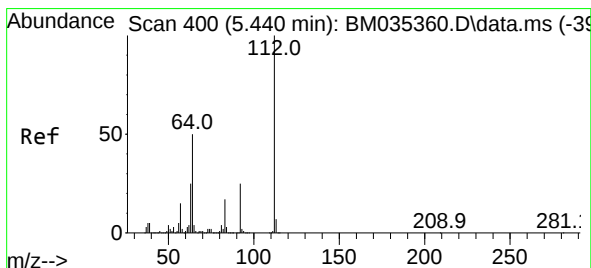
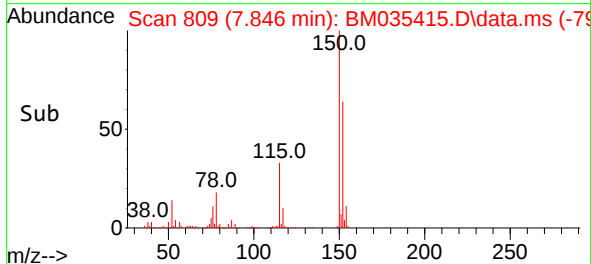
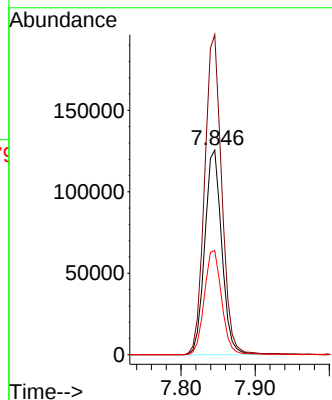
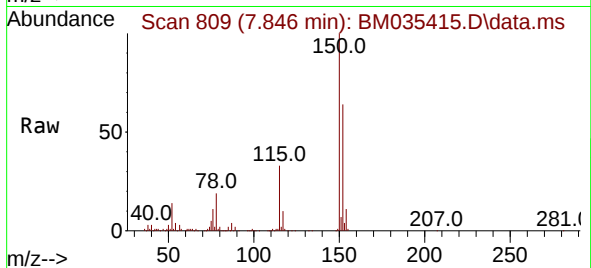




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.846 min Scan# 809  
Delta R.T. 0.006 min  
Lab File: BM035415.D  
Acq: 07 Jun 2022 17:15

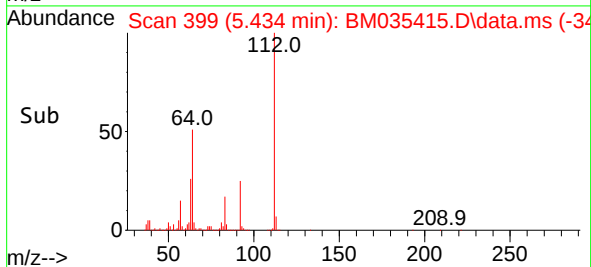
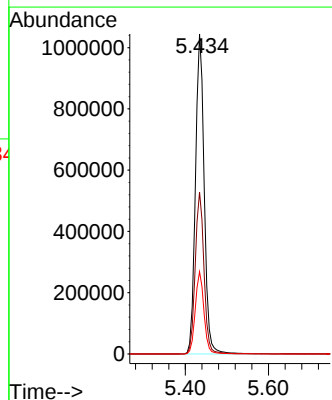
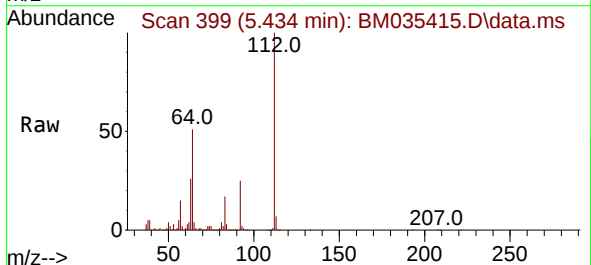
Instrument :  
BNA\_M  
ClientSampleId :  
TP-1

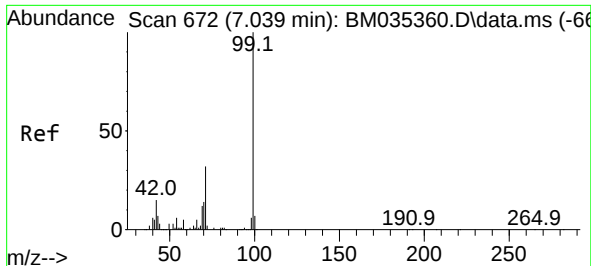
Tgt Ion:152 Resp: 200890  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.9 187.3  
115 50.9 47.9 71.9



#5  
2-Fluorophenol  
Concen: 159.930 ng  
RT: 5.434 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: BM035415.D  
Acq: 07 Jun 2022 17:15

Tgt Ion:112 Resp: 1528960  
Ion Ratio Lower Upper  
112 100  
64 50.6 47.8 71.6  
63 25.7 26.6 40.0#

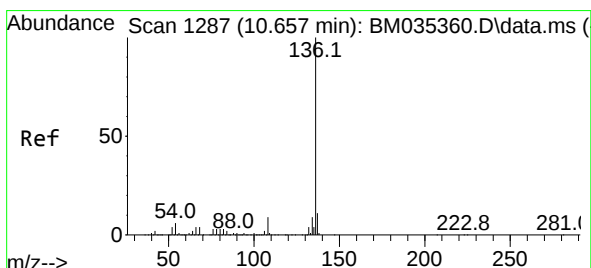
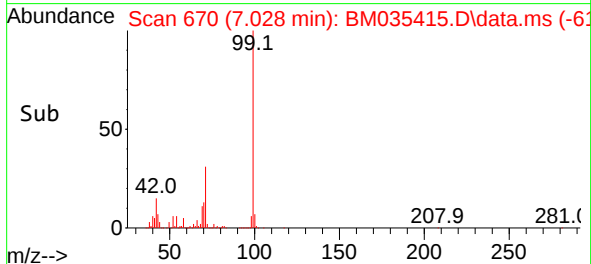
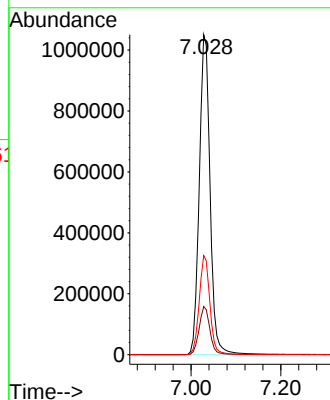
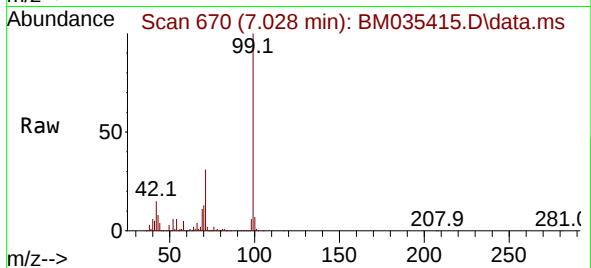




#7  
Phenol-d6  
Concen: 134.246 ng  
RT: 7.028 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM035415.D  
Acq: 07 Jun 2022 17:15

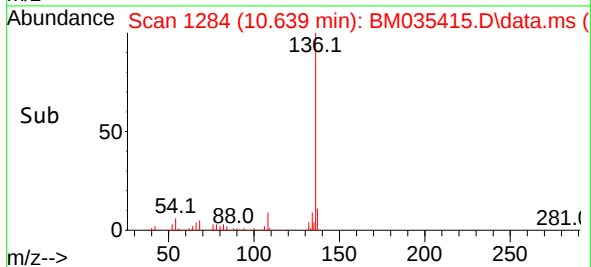
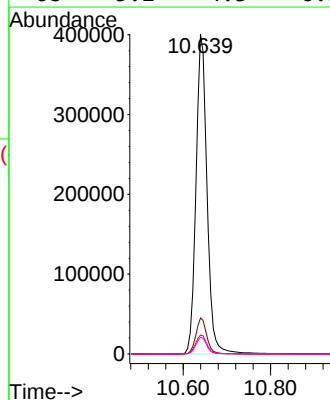
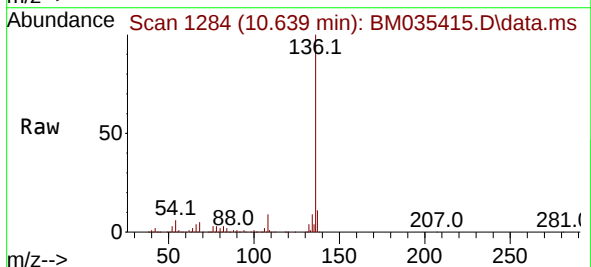
Instrument :  
BNA\_M  
ClientSampleId :  
TP-1

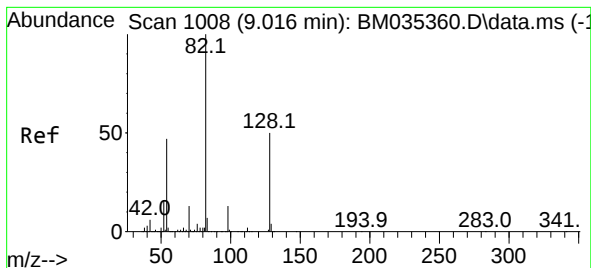
Tgt Ion: 99 Resp: 1753102  
Ion Ratio Lower Upper  
99 100  
42 15.1 18.8 28.2#  
71 31.0 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.639 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BM035415.D  
Acq: 07 Jun 2022 17:15

Tgt Ion: 136 Resp: 704929  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.9 13.3  
54 5.9 7.0 10.4#  
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 106.399 ng

RT: 9.004 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035415.D

Acq: 07 Jun 2022 17:15

Instrument :

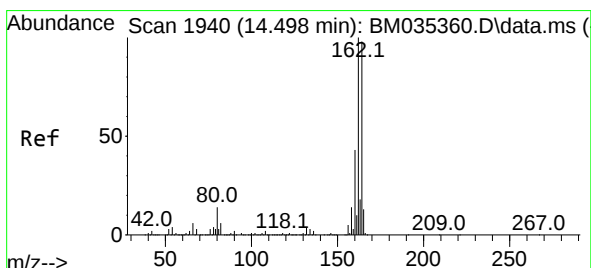
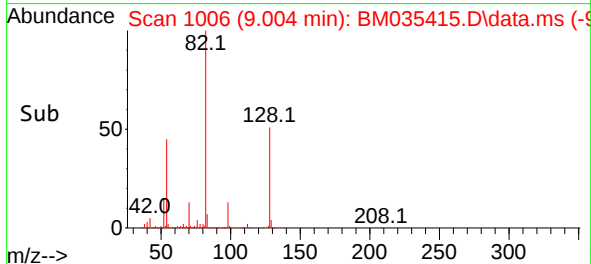
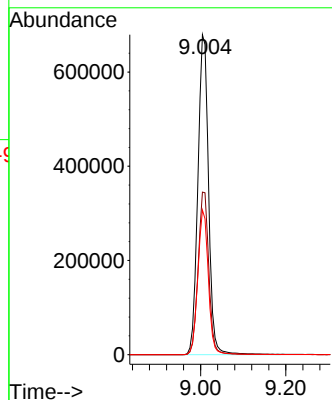
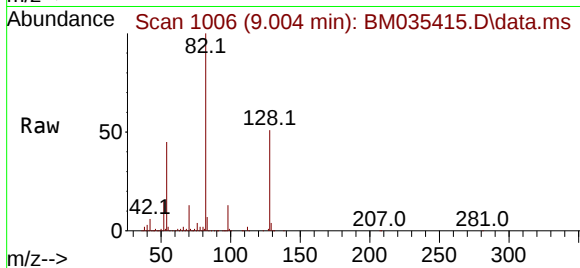
BNA\_M

ClientSampleId :

TP-1

Tgt Ion: 82 Resp: 1181226

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 50.8  | 33.7  | 50.5# |
| 54  | 45.2  | 43.2  | 64.8  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

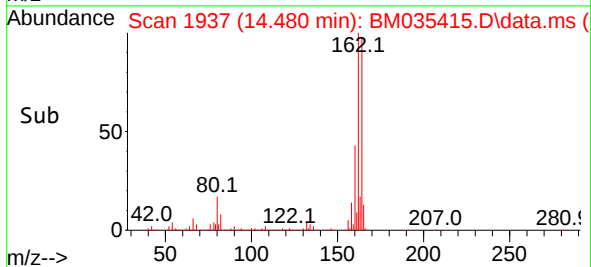
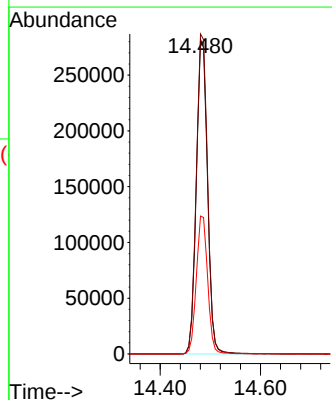
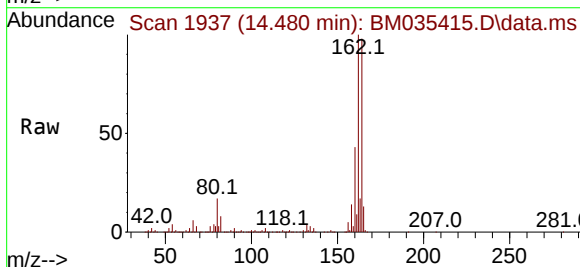
Delta R.T. -0.006 min

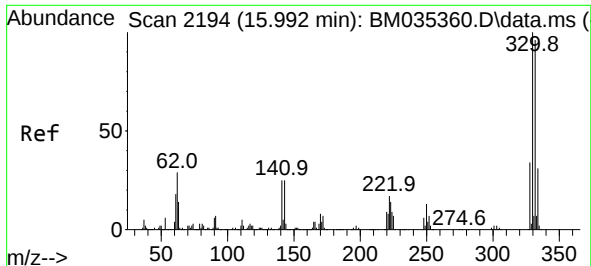
Lab File: BM035415.D

Acq: 07 Jun 2022 17:15

Tgt Ion:164 Resp: 434445

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.7 | 83.0  | 124.6 |
| 160 | 43.8  | 37.0  | 55.4  |





#42

2,4,6-Tribromophenol

Concen: 146.246 ng

RT: 15.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035415.D

Acq: 07 Jun 2022 17:15

Instrument :

BNA\_M

ClientSampleId :

TP-1

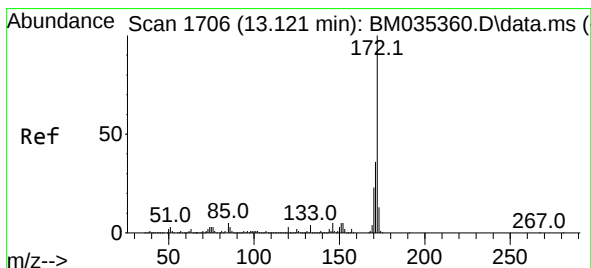
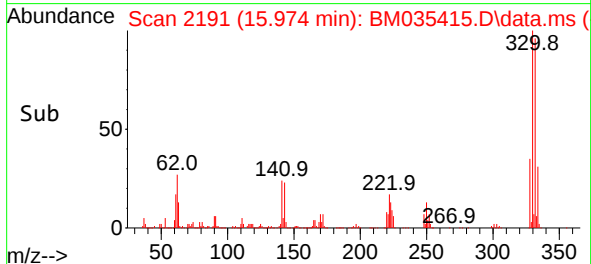
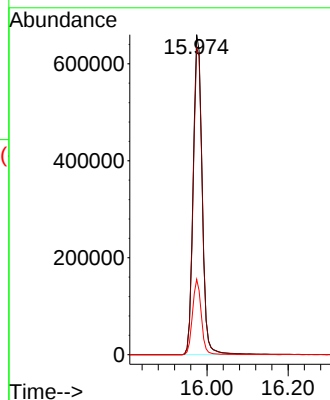
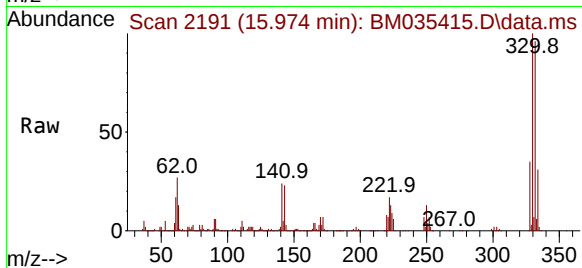
Tgt Ion:330 Resp: 1019413

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 23.0 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 109.212 ng

RT: 13.110 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BM035415.D

Acq: 07 Jun 2022 17:15

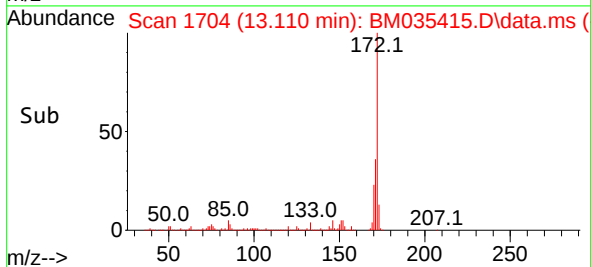
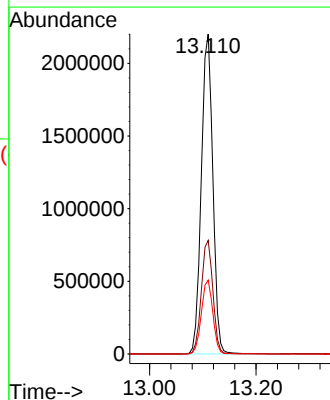
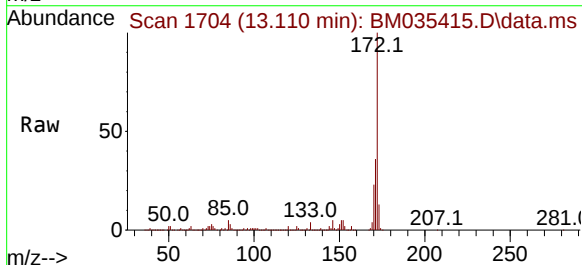
Tgt Ion:172 Resp: 3303460

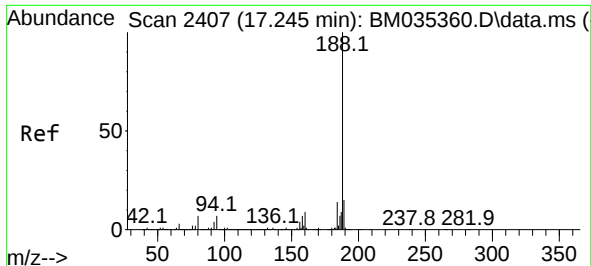
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.1 18.7 28.1

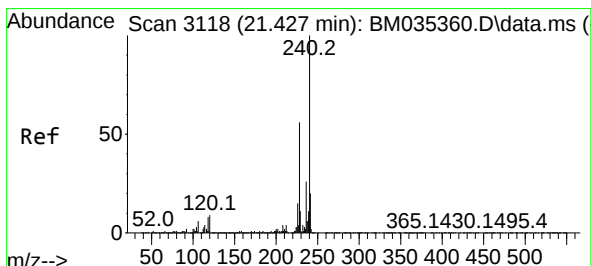
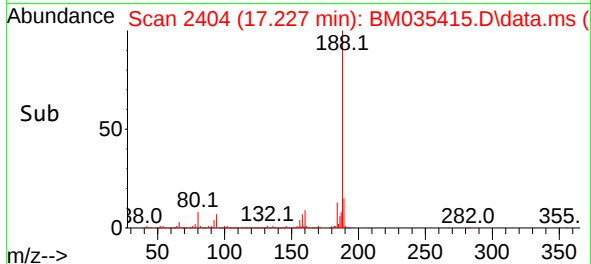
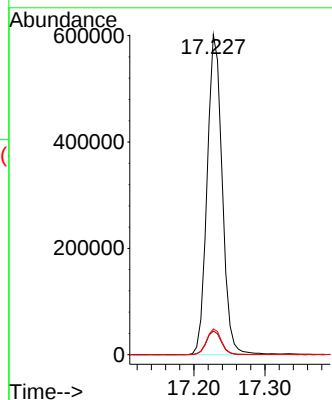
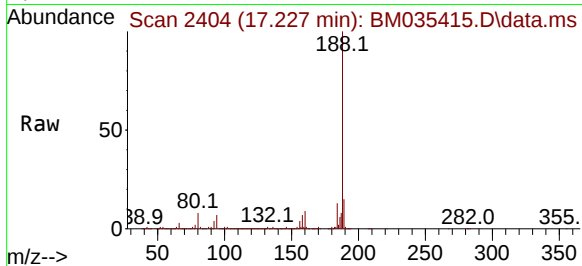




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2404  
Delta R.T. -0.000 min  
Lab File: BM035415.D  
Acq: 07 Jun 2022 17:15

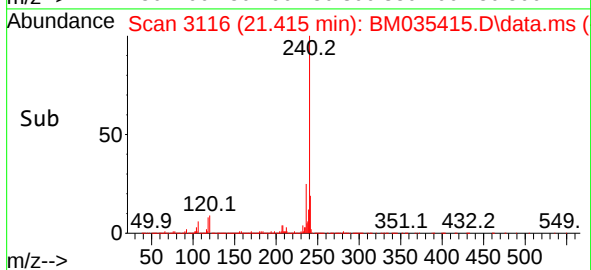
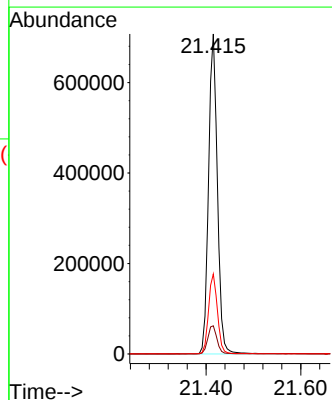
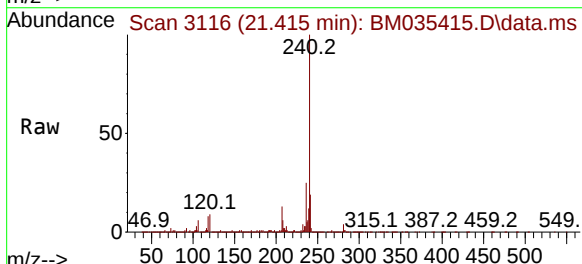
Instrument :  
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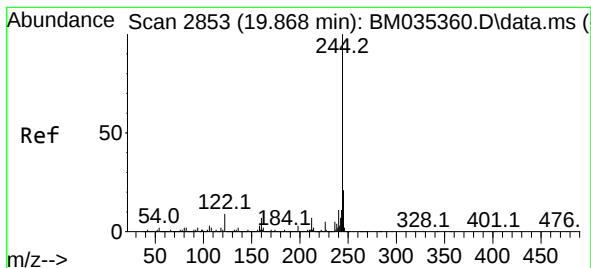
Tgt Ion:188 Resp: 889759  
Ion Ratio Lower Upper  
188 100  
94 7.4 7.0 10.4  
80 8.1 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.415 min Scan# 3116  
Delta R.T. -0.006 min  
Lab File: BM035415.D  
Acq: 07 Jun 2022 17:15

Tgt Ion:240 Resp: 918609  
Ion Ratio Lower Upper  
240 100  
120 8.8 9.4 14.0#  
236 25.0 20.6 30.8





#79

Terphenyl-d14

Concen: 105.098 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035415.D

Acq: 07 Jun 2022 17:15

Instrument :

BNA\_M

ClientSampleId :

TP-1

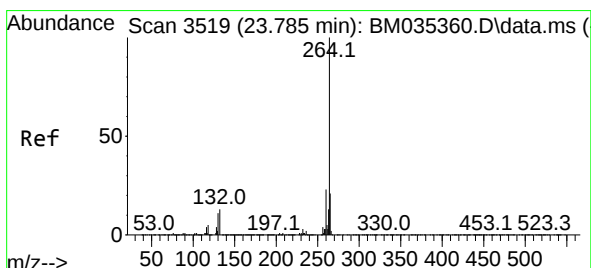
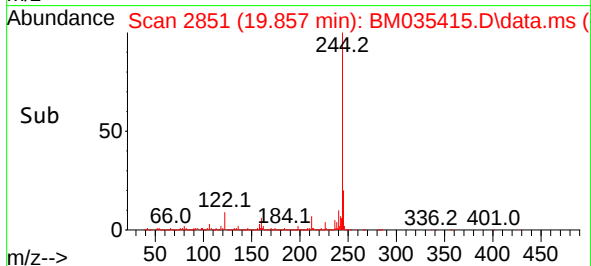
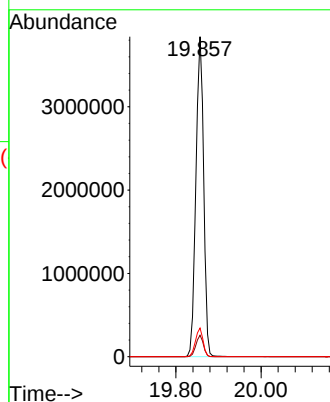
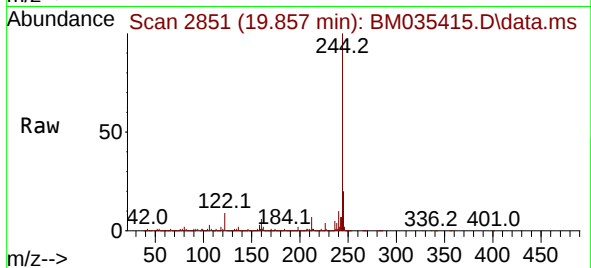
Tgt Ion:244 Resp: 4845940

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.4

122 8.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3516

Delta R.T. -0.006 min

Lab File: BM035415.D

Acq: 07 Jun 2022 17:15

Tgt Ion:264 Resp: 1064930

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.4 17.5 26.3

