

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092023\  
 Data File : BM041936.D  
 Acq On : 20 Sep 2023 13:45  
 Operator : MA/JU  
 Sample : 04343-02RE  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SAMPLE-2-23RD-STREETRE

Quant Time: Sep 20 14:19:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM091823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 19 04:49:34 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.957  | 152  | 312016   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.775 | 136  | 1304709  | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.604 | 164  | 852346   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.357 | 188  | 1852189  | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.533 | 240  | 1645963  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 23.944 | 264  | 1539654  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.499  | 112  | 919674   | 49.094 | ng    | 0.00     |
| 7) Phenol-d6                | 7.099  | 99   | 794724   | 30.555 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.157  | 82   | 2429141  | 94.795 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.098 | 330  | 1044794  | 98.244 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.228 | 172  | 5405126  | 93.078 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.968 | 244  | 8174743  | 90.455 | ng    | 0.00     |

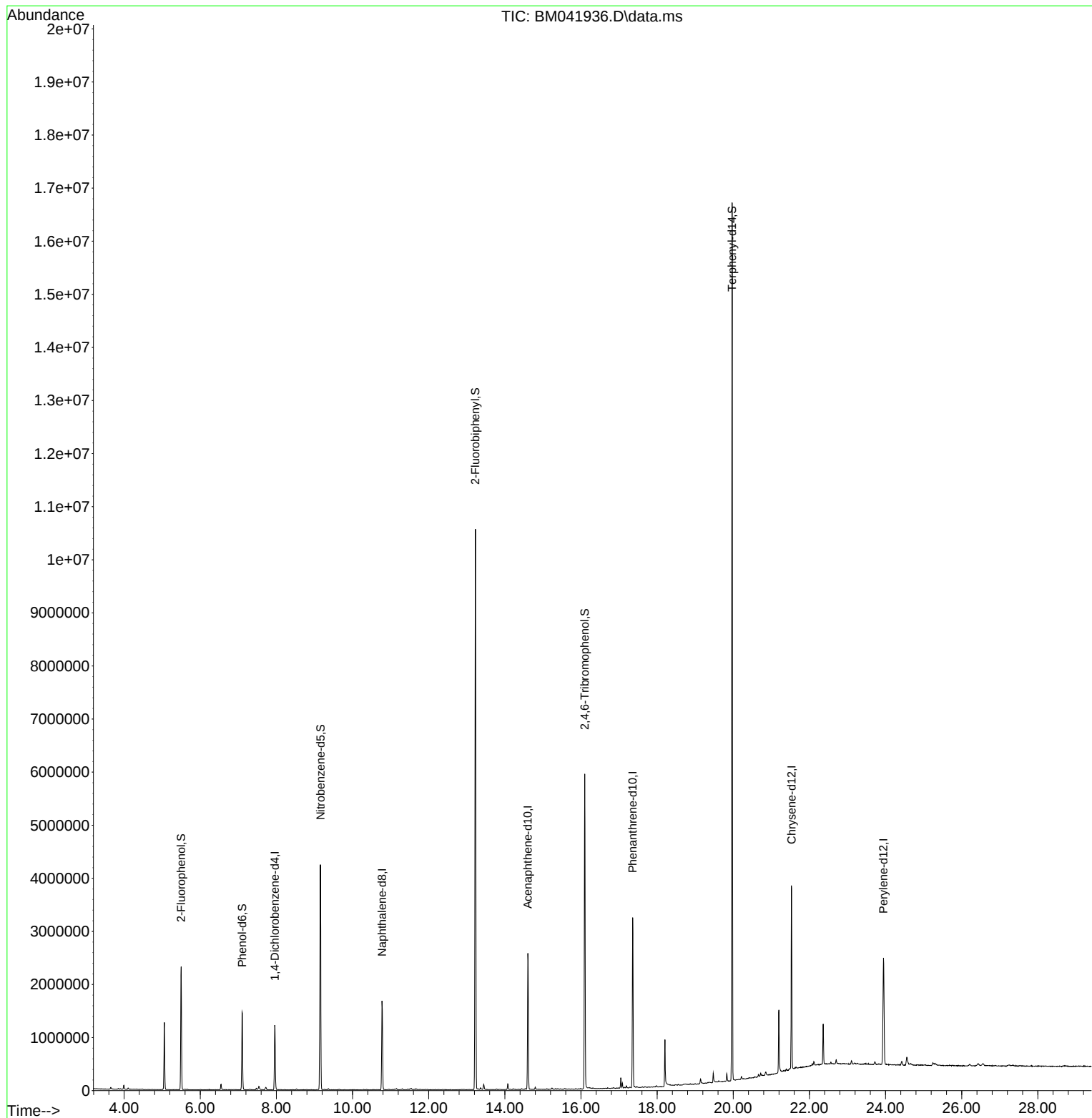
| Target Compounds | Qvalue |
|------------------|--------|
| -----            | -----  |

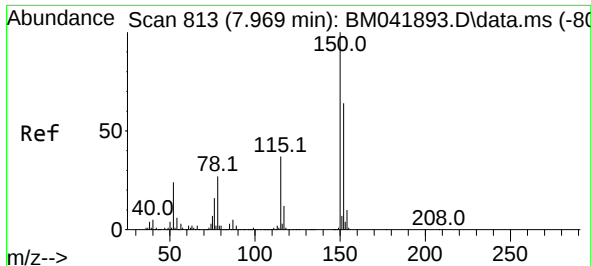
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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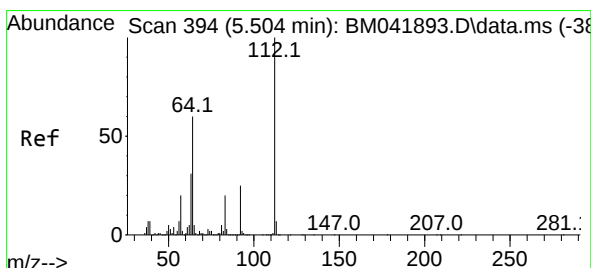
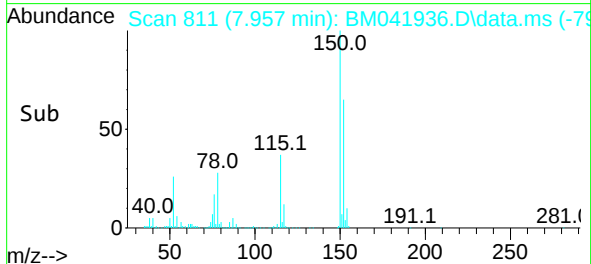
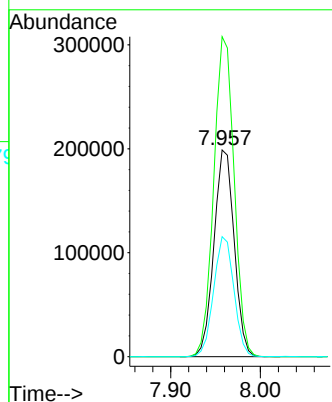
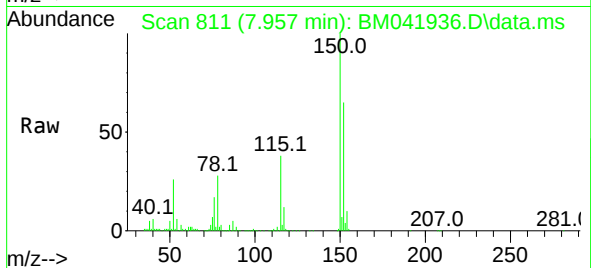




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.957 min Scan# 811  
Delta R.T. -0.012 min  
Lab File: BM041936.D  
Acq: 20 Sep 2023 13:45

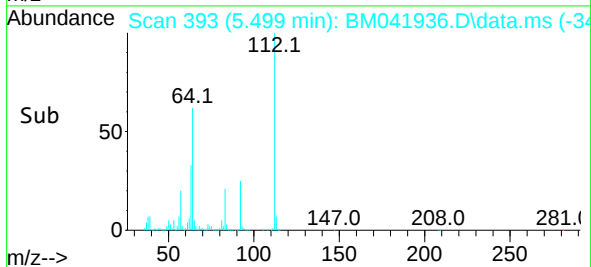
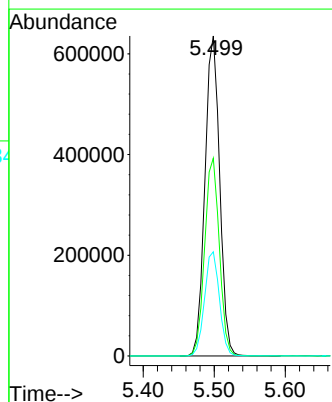
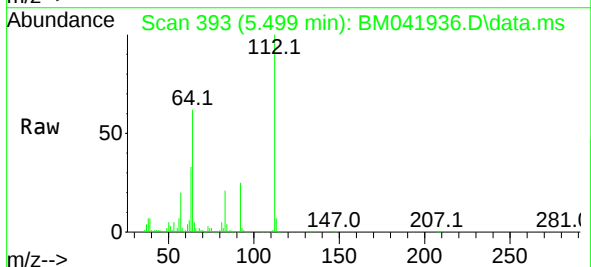
Instrument :  
BNA\_M  
ClientSampleId :  
SAMPLE-2-23RD-STREETRE

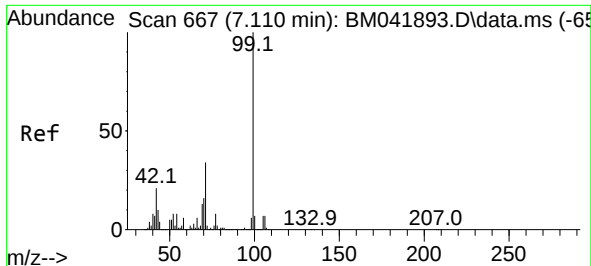
Tgt Ion:152 Resp: 312016  
Ion Ratio Lower Upper  
152 100  
150 154.8 125.9 188.9  
115 58.1 46.8 70.2



#5  
2-Fluorophenol  
Concen: 49.094 ng  
RT: 5.499 min Scan# 393  
Delta R.T. -0.006 min  
Lab File: BM041936.D  
Acq: 20 Sep 2023 13:45

Tgt Ion:112 Resp: 919674  
Ion Ratio Lower Upper  
112 100  
64 61.8 48.1 72.1  
63 32.5 25.0 37.6

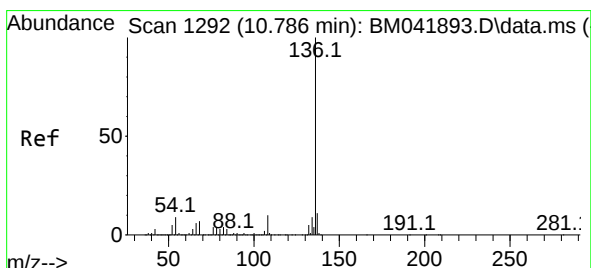
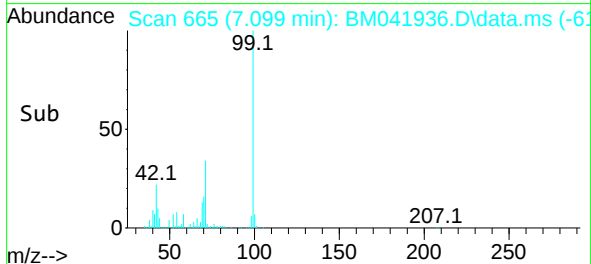
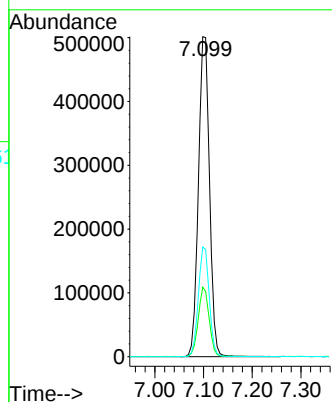
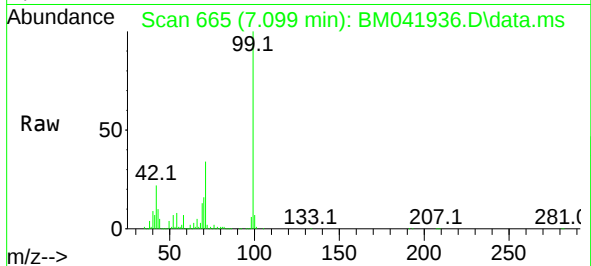




#7  
Phenol-d6  
Concen: 30.555 ng  
RT: 7.099 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM041936.D  
Acq: 20 Sep 2023 13:45

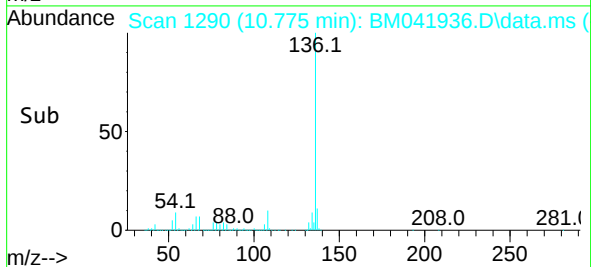
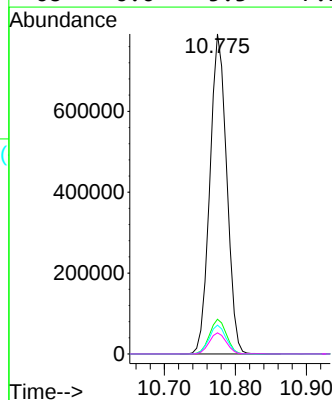
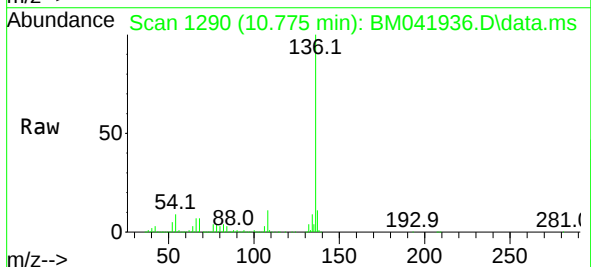
Instrument :  
BNA\_M  
ClientSampleId :  
SAMPLE-2-23RD-STREETRE

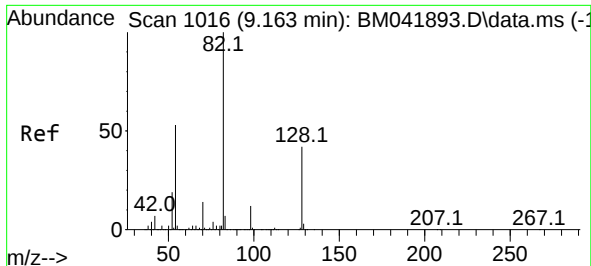
Tgt Ion: 99 Resp: 794724  
Ion Ratio Lower Upper  
99 100  
42 21.7 16.6 25.0  
71 34.3 26.8 40.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.775 min Scan# 1290  
Delta R.T. -0.012 min  
Lab File: BM041936.D  
Acq: 20 Sep 2023 13:45

Tgt Ion: 136 Resp: 1304709  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 9.0 7.0 10.4  
68 6.6 5.3 7.9





#23

Nitrobenzene-d5

Concen: 94.795 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM041936.D

Acq: 20 Sep 2023 13:45

Instrument :

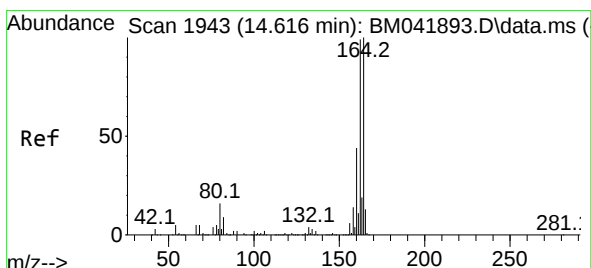
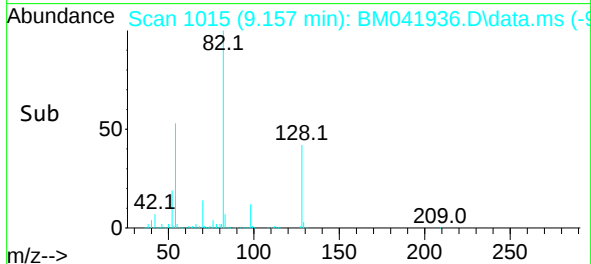
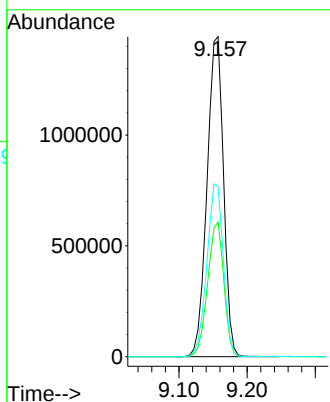
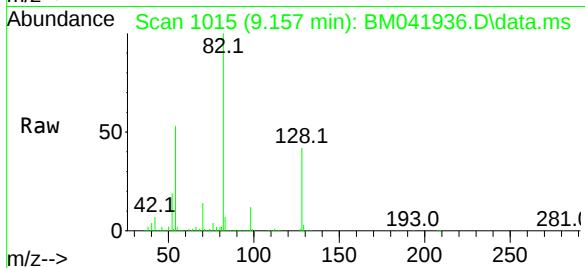
BNA\_M

ClientSampleId :

SAMPLE-2-23RD-STREETRE

Tgt Ion: 82 Resp: 2429141

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.1  | 33.8  | 50.6  |
| 54  | 53.2  | 42.8  | 64.2  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1941

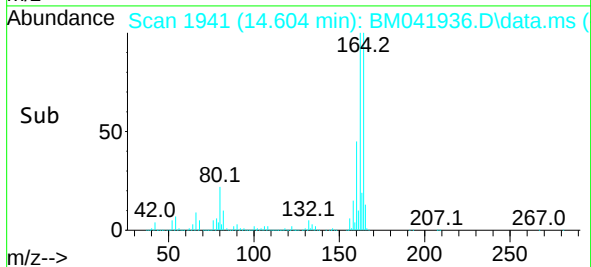
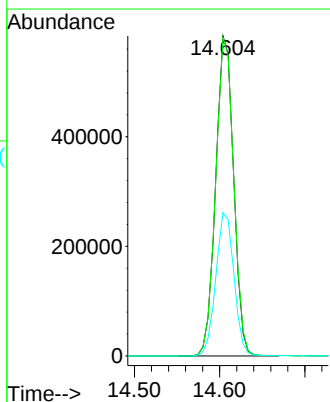
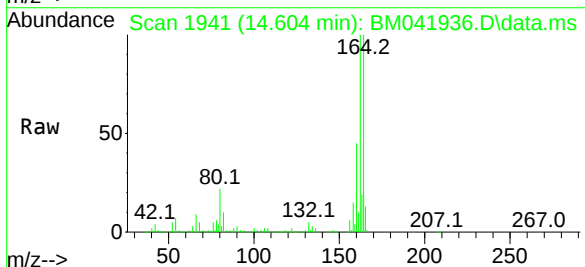
Delta R.T. -0.012 min

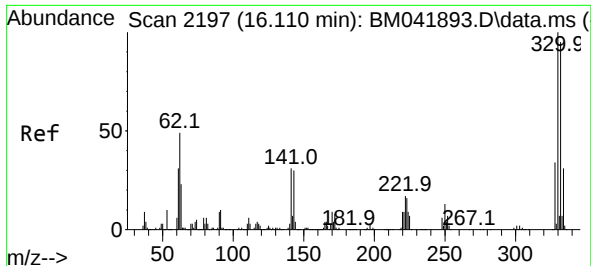
Lab File: BM041936.D

Acq: 20 Sep 2023 13:45

Tgt Ion: 164 Resp: 852346

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.5  | 79.3  | 118.9 |
| 160 | 44.8  | 35.6  | 53.4  |





#42

2,4,6-Tribromophenol

Concen: 98.244 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041936.D

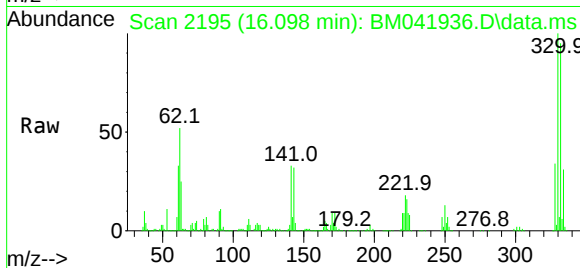
Acq: 20 Sep 2023 13:45

Instrument :

BNA\_M

ClientSampleId :

SAMPLE-2-23RD-STREETRE



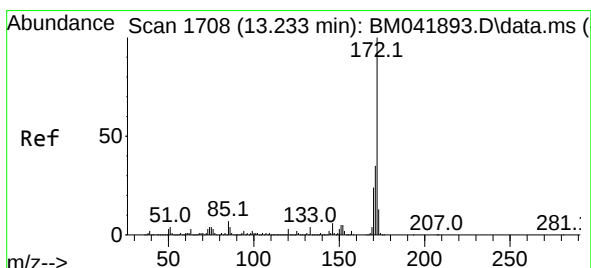
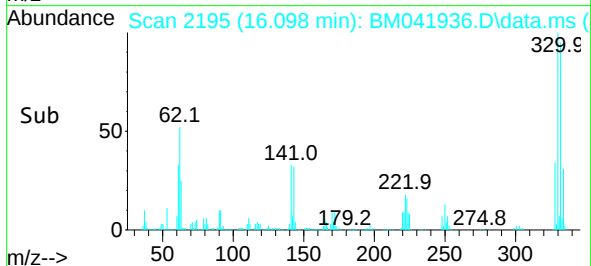
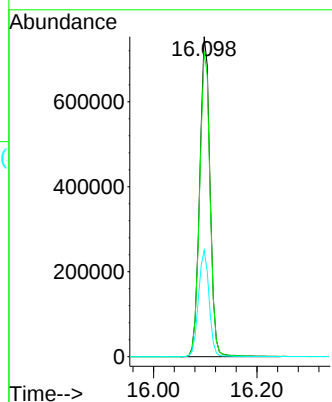
Tgt Ion:330 Resp: 1044794

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 34.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 93.078 ng

RT: 13.228 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041936.D

Acq: 20 Sep 2023 13:45

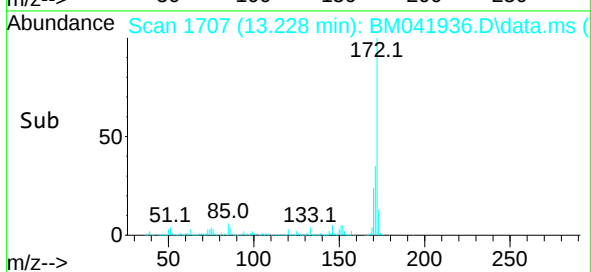
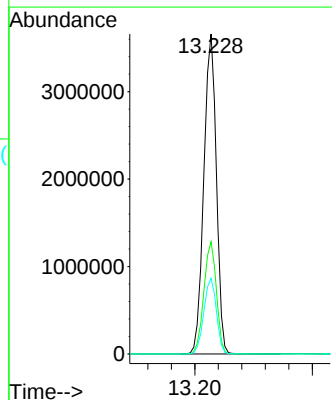
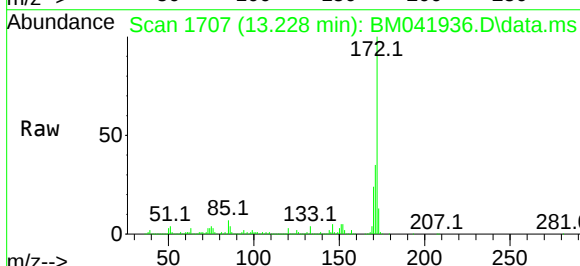
Tgt Ion:172 Resp: 5405126

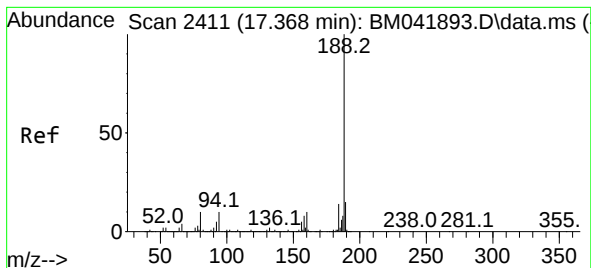
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BM041936.D

Acq: 20 Sep 2023 13:45

Instrument :

BNA\_M

ClientSampleId :

SAMPLE-2-23RD-STREETRE

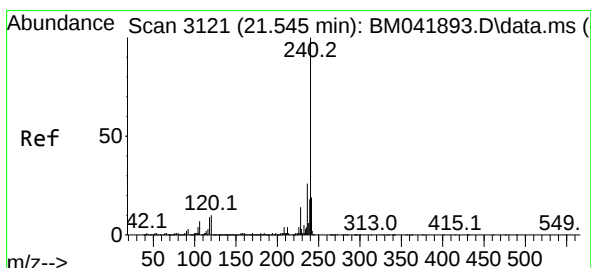
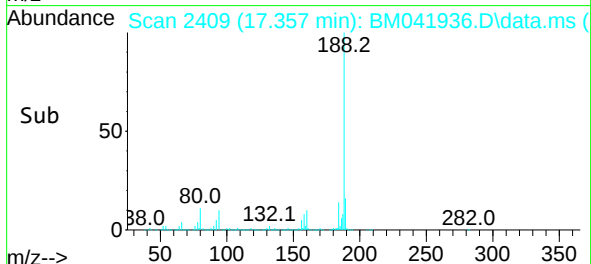
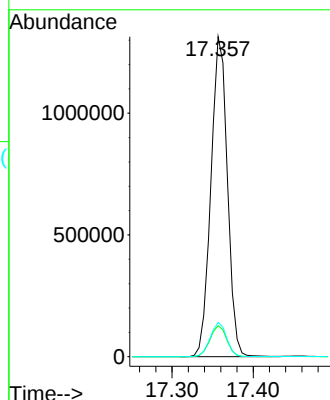
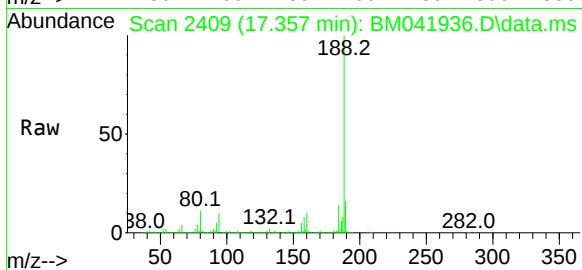
Tgt Ion:188 Resp: 1852189

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.7 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BM041936.D

Acq: 20 Sep 2023 13:45

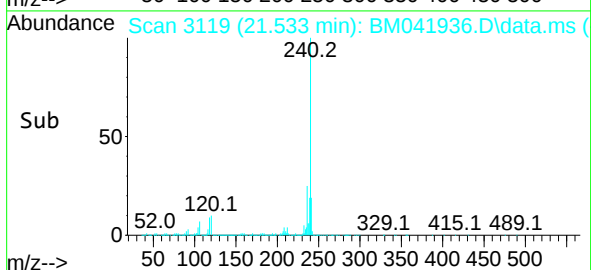
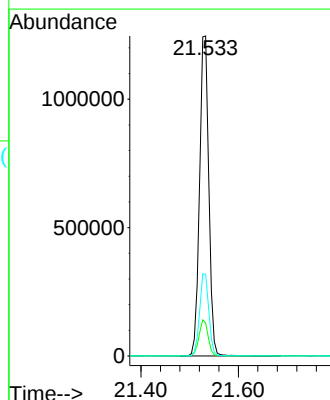
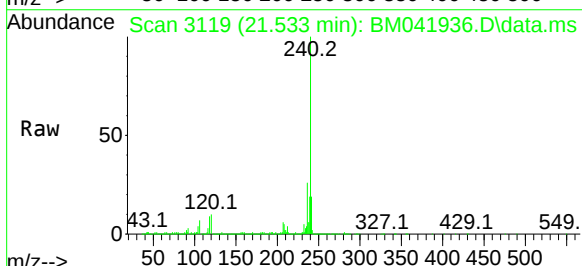
Tgt Ion:240 Resp: 1645963

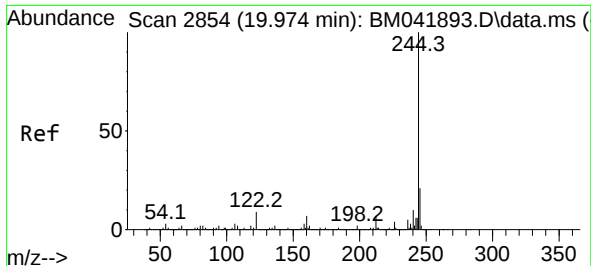
Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

236 25.5 20.7 31.1

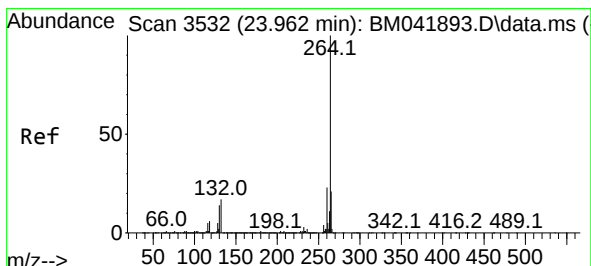
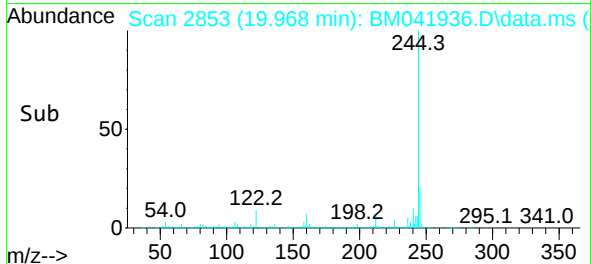
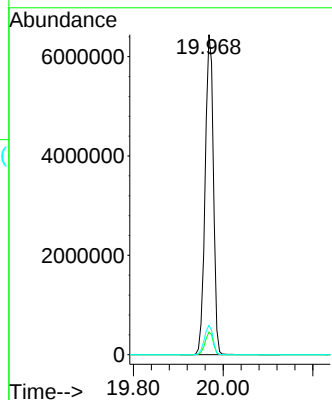
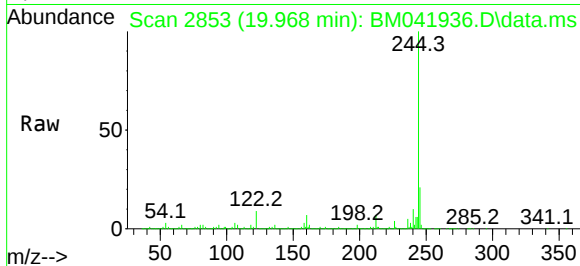




#79  
 Terphenyl-d14  
 Concen: 90.455 ng  
 RT: 19.968 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM041936.D  
 Acq: 20 Sep 2023 13:45

Instrument :  
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Tgt Ion:244 Resp: 8174743  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.7 8.5  
 122 9.2 7.4 11.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.944 min Scan# 3529  
 Delta R.T. -0.018 min  
 Lab File: BM041936.D  
 Acq: 20 Sep 2023 13:45

Tgt Ion:264 Resp: 1539654  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.6 28.0  
 265 22.4 17.0 25.6

