

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102622\  
 Data File : BM037247.D  
 Acq On : 26 Oct 2022 21:01  
 Operator : CG/JU  
 Sample : N5156-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EFF-WASTE-WATER

Quant Time: Oct 27 07:51:48 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 27 04:49:27 2022  
 Response via : Initial Calibration

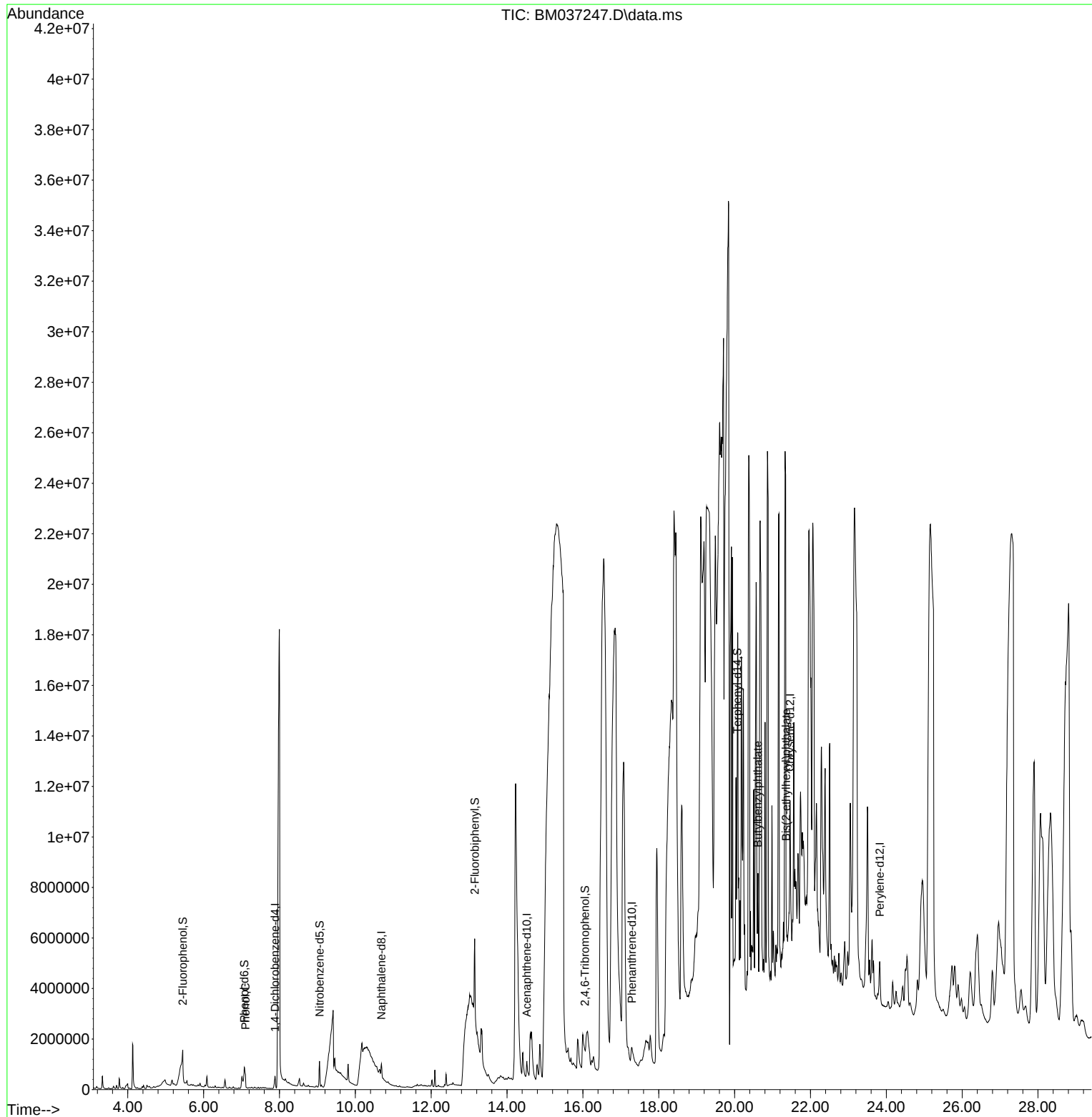
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.887  | 152  | 74119    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.686 | 136  | 420472   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.522 | 164  | 360541   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.292 | 188  | 941944   | 20.000 | ng    | 0.03     |
| 76) Chrysene-d12              | 21.468 | 240  | 1065054  | 20.000 | ng    | 0.03     |
| 86) Perylene-d12              | 23.827 | 264  | 1069153  | 20.000 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.452  | 112  | 183244   | 50.688 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 252697   | 50.503 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 9.057  | 82   | 542171   | 73.612 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 434516   | 97.221 | ng    | 0.05     |
| 45) 2-Fluorobiphenyl          | 13.145 | 172  | 1723482  | 67.509 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.068 | 244  | 2723074  | 52.303 | ng    | 0.18     |
| Target Compounds              |        |      |          |        |       |          |
| 10) Phenol                    | 7.104  | 94   | 16085    | 2.885  | ng    | 86       |
| 80) Butylbenzylphthalate      | 20.609 | 149  | 101088   | 3.989  | ng    | 91       |
| 84) Bis(2-ethylhexyl)phtha... | 21.356 | 149  | 287589   | 7.882  | ng    | 93       |
| -----                         |        |      |          |        |       |          |

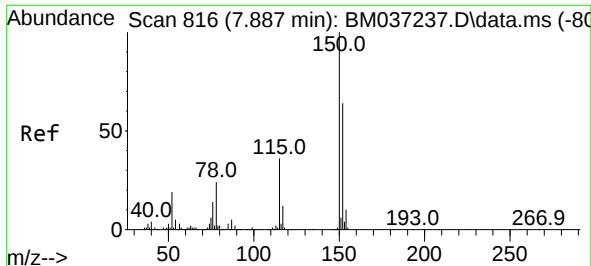
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102622\  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
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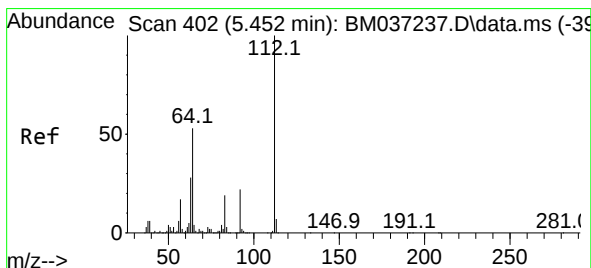
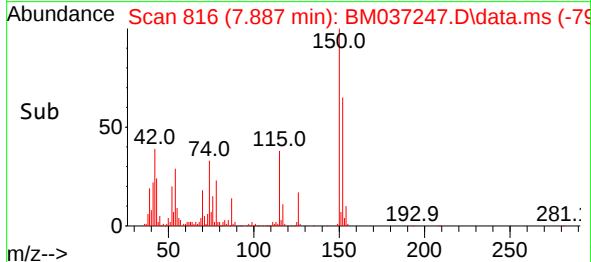
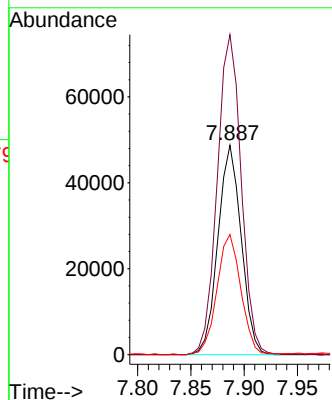
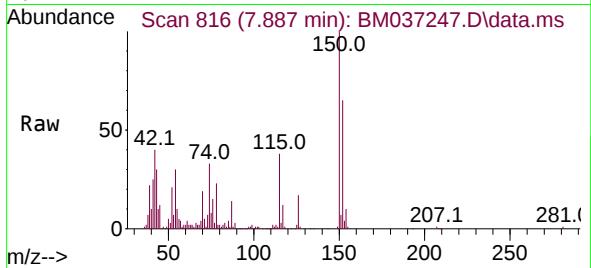




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.887 min Scan# 816  
Delta R.T. -0.000 min  
Lab File: BM037247.D  
Acq: 26 Oct 2022 21:01

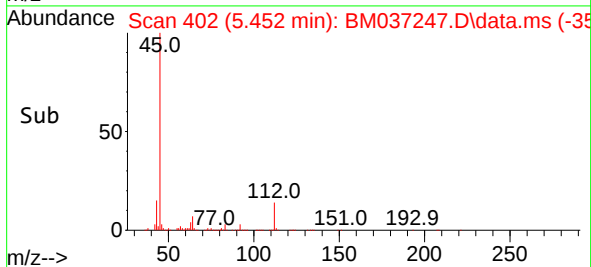
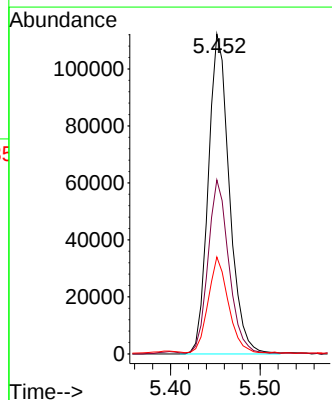
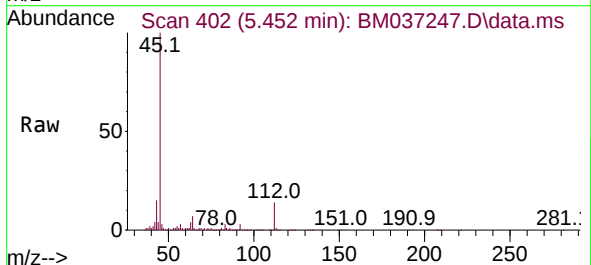
Instrument :  
BNA\_M  
ClientSampleId :  
EFF-WASTE-WATER

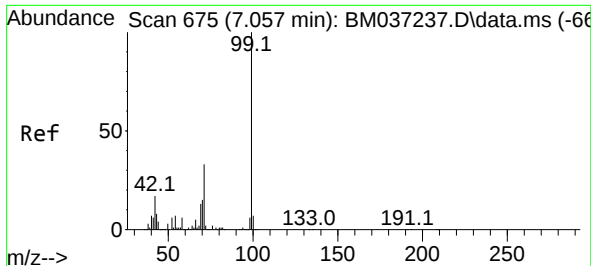
Tgt Ion:152 Resp: 74119  
Ion Ratio Lower Upper  
152 100  
150 152.8 125.6 188.4  
115 57.4 45.2 67.8



#5  
2-Fluorophenol  
Concen: 50.688 ng  
RT: 5.452 min Scan# 402  
Delta R.T. -0.000 min  
Lab File: BM037247.D  
Acq: 26 Oct 2022 21:01

Tgt Ion:112 Resp: 183244  
Ion Ratio Lower Upper  
112 100  
64 54.4 42.5 63.7  
63 30.3 22.6 33.8

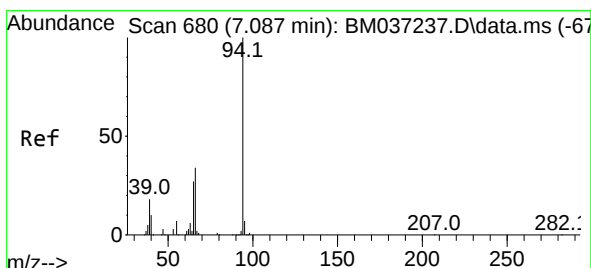
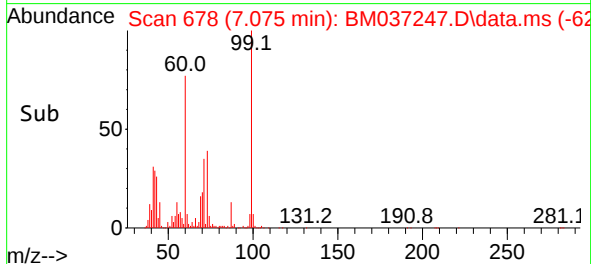
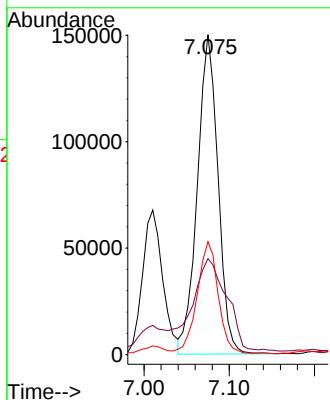
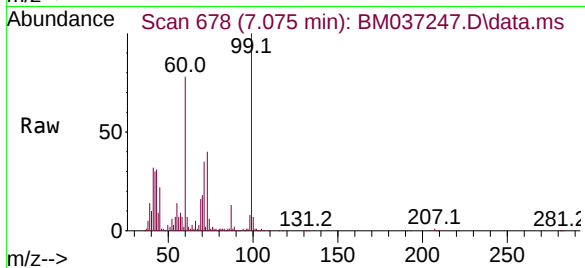




#7  
Phenol-d6  
Concen: 50.503 ng  
RT: 7.075 min Scan# 61  
Delta R.T. 0.018 min  
Lab File: BM037247.D  
Acq: 26 Oct 2022 21:01

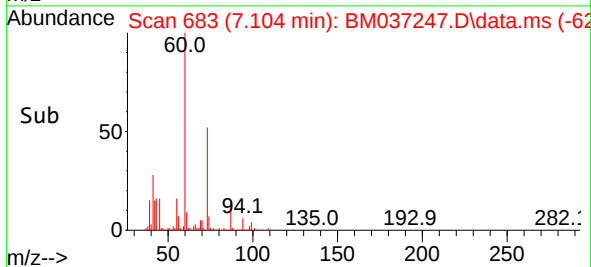
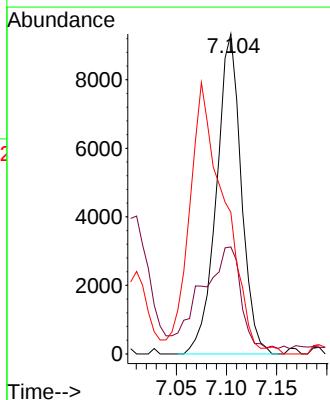
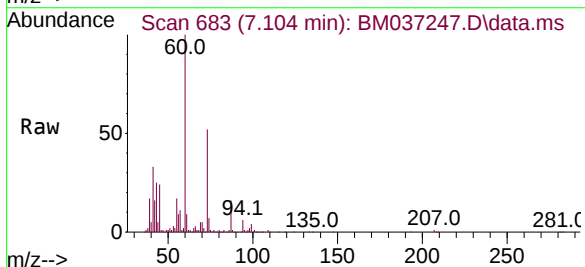
Instrument :  
BNA\_M  
ClientSampleId :  
EFF-WASTE-WATER

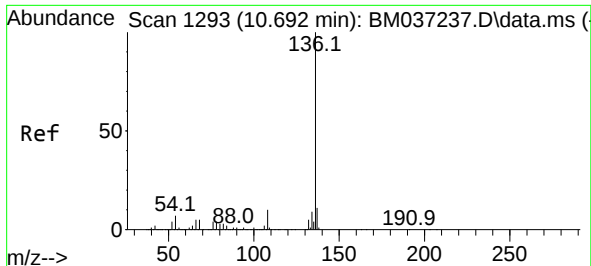
Tgt Ion: 99 Resp: 252697  
Ion Ratio Lower Upper  
99 100  
42 30.0 13.8 20.6#  
71 35.2 26.5 39.7



#10  
Phenol  
Concen: 2.885 ng  
RT: 7.104 min Scan# 683  
Delta R.T. 0.018 min  
Lab File: BM037247.D  
Acq: 26 Oct 2022 21:01

Tgt Ion: 94 Resp: 16085  
Ion Ratio Lower Upper  
94 100  
65 33.4 7.6 47.6  
66 44.2 15.1 55.1

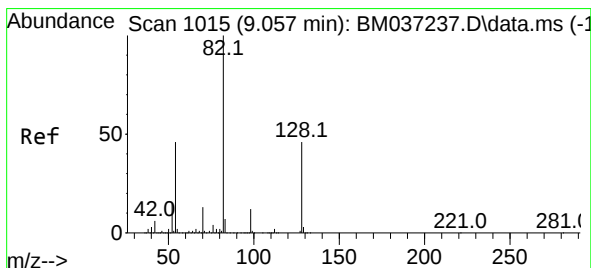
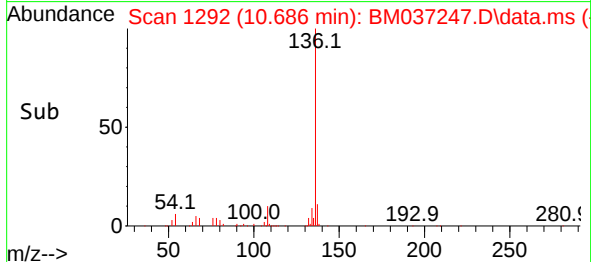
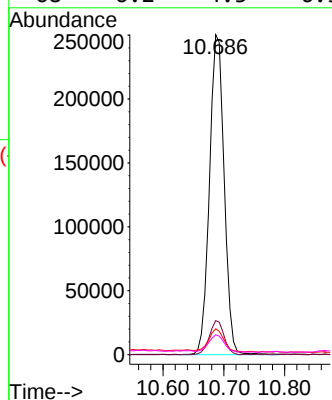
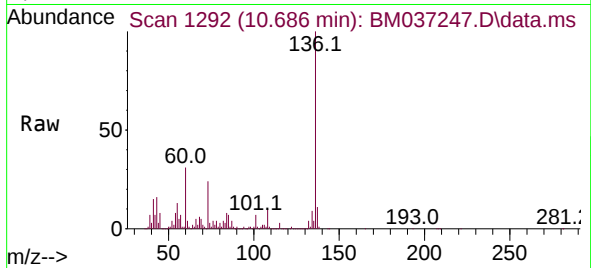




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.686 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BM037247.D  
Acq: 26 Oct 2022 21:01

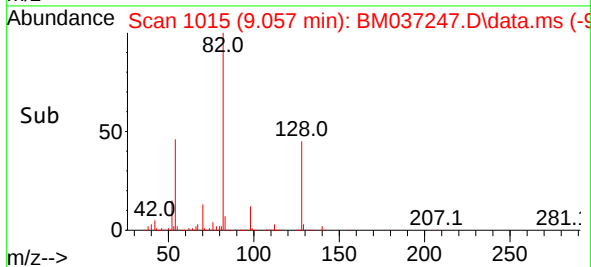
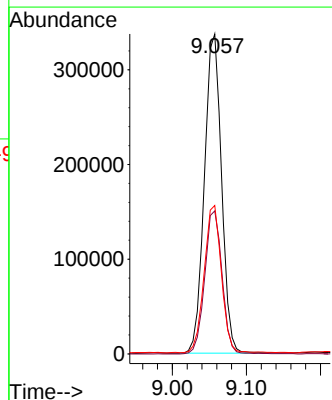
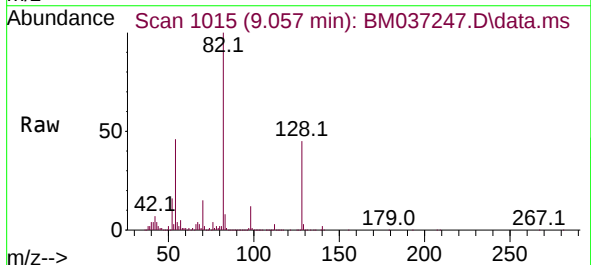
Instrument :  
BNA\_M  
ClientSampleId :  
EFF-WASTE-WATER

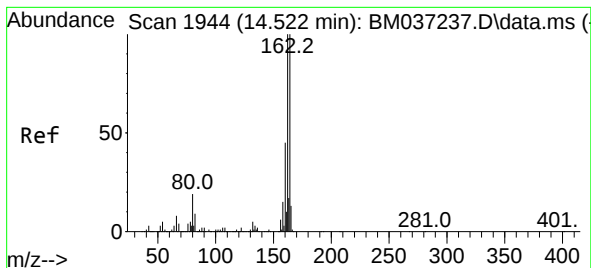
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 420472 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.6   | 12.8   |
| 54       | 8.1   | 5.6   | 8.4    |
| 68       | 6.2   | 4.3   | 6.5    |



#23  
Nitrobenzene-d5  
Concen: 73.612 ng  
RT: 9.057 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BM037247.D  
Acq: 26 Oct 2022 21:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 542171 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 44.7  | 36.7  | 55.1   |
| 54       | 46.4  | 36.6  | 55.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.522 min Scan# 19

Delta R.T. -0.000 min

Lab File: BM037247.D

Acq: 26 Oct 2022 21:01

Instrument :

BNA\_M

ClientSampleId :

EFF-WASTE-WATER

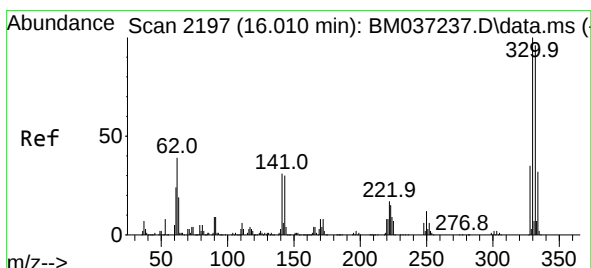
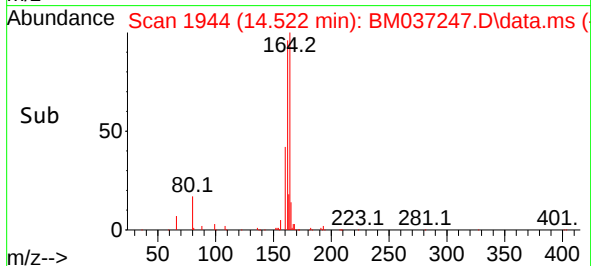
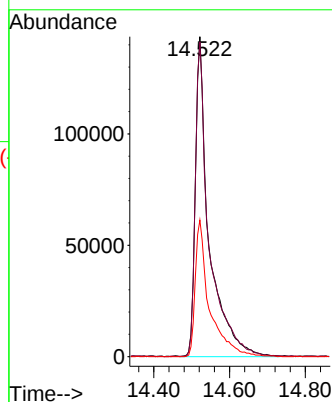
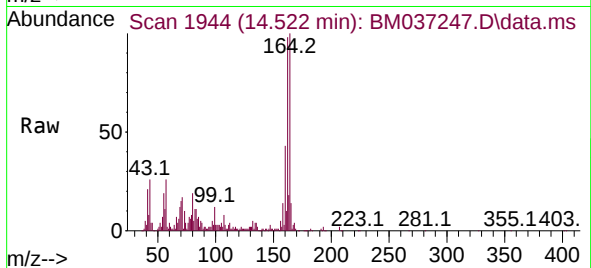
Tgt Ion:164 Resp: 360541

Ion Ratio Lower Upper

164 100

162 98.4 80.0 120.0

160 42.7 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 97.221 ng

RT: 16.057 min Scan# 2205

Delta R.T. 0.047 min

Lab File: BM037247.D

Acq: 26 Oct 2022 21:01

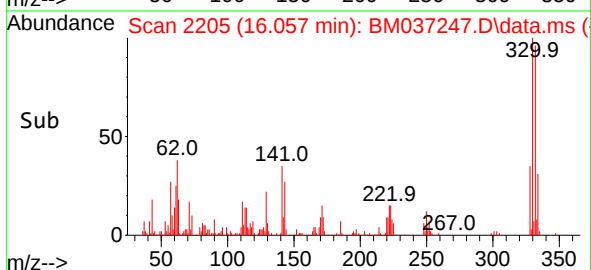
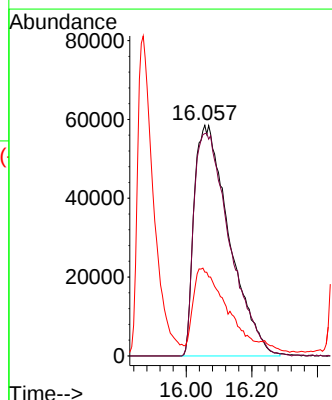
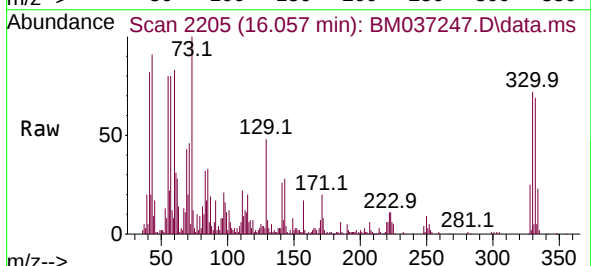
Tgt Ion:330 Resp: 434516

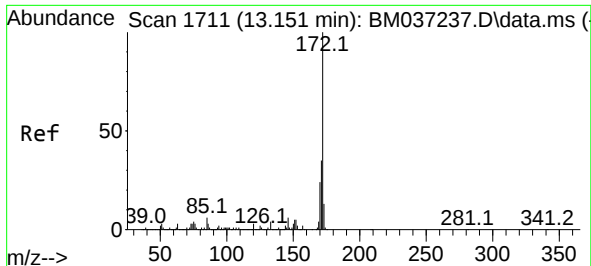
Ion Ratio Lower Upper

330 100

332 98.0 77.8 116.6

141 30.4 25.3 37.9

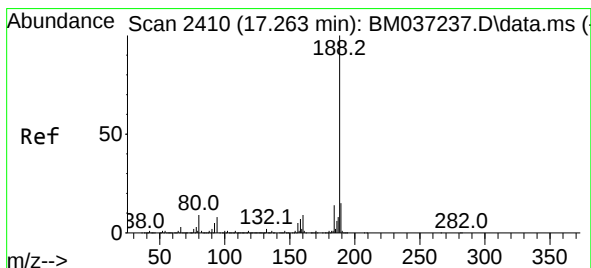
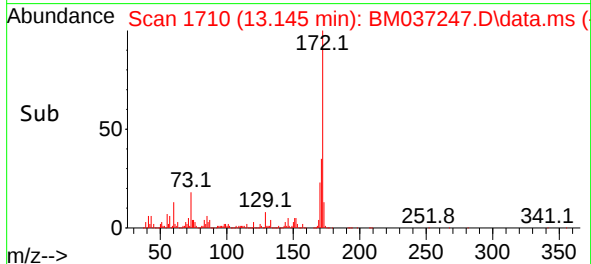
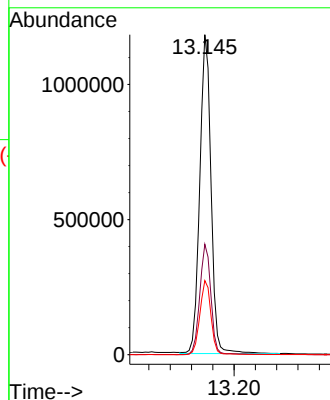
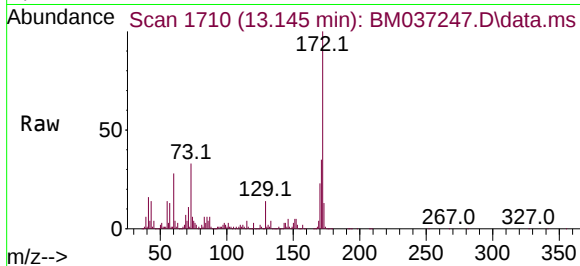




#45  
2-Fluorobiphenyl  
Concen: 67.509 ng  
RT: 13.145 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM037247.D  
Acq: 26 Oct 2022 21:01

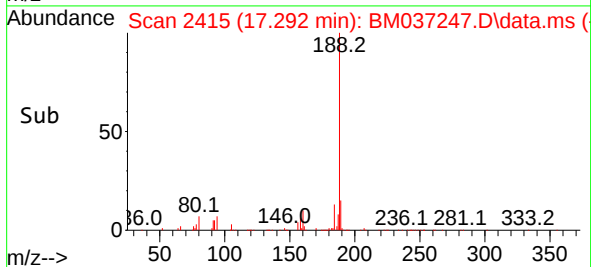
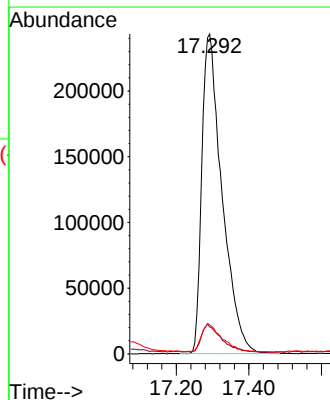
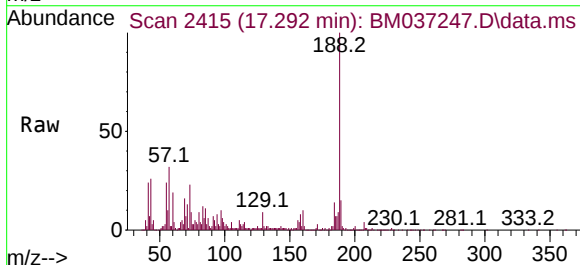
Instrument :  
BNA\_M  
ClientSampleId :  
EFF-WASTE-WATER

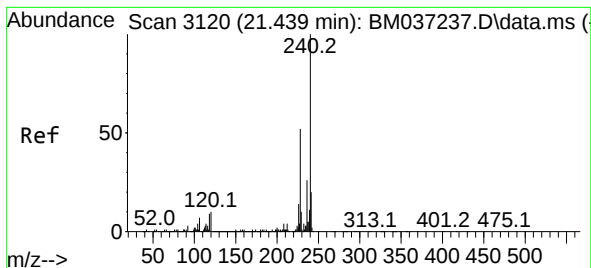
Tgt Ion:172 Resp: 1723482  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.7 41.5  
170 23.1 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.292 min Scan# 2415  
Delta R.T. 0.029 min  
Lab File: BM037247.D  
Acq: 26 Oct 2022 21:01

Tgt Ion:188 Resp: 941944  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.3 9.5  
80 9.1 7.1 10.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 31

Delta R.T. 0.029 min

Lab File: BM037247.D

Acq: 26 Oct 2022 21:01

Instrument :

BNA\_M

ClientSampleId :

EFF-WASTE-WATER

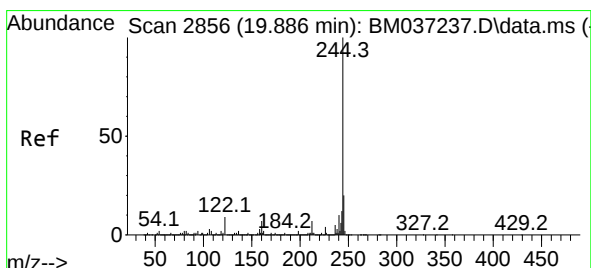
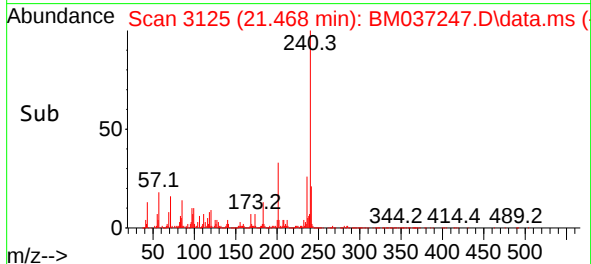
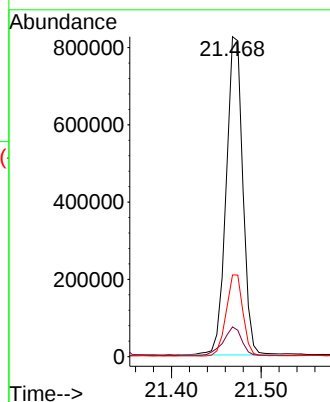
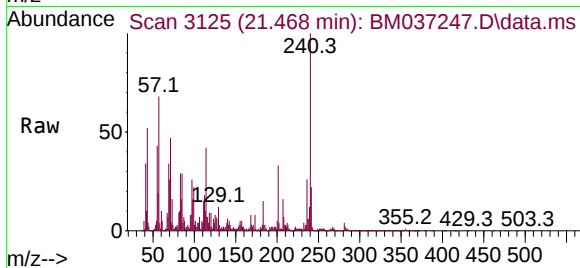
Tgt Ion:240 Resp: 1065054

Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

236 25.5 21.0 31.4



#79

Terphenyl-d14

Concen: 52.303 ng

RT: 20.068 min Scan# 2887

Delta R.T. 0.182 min

Lab File: BM037247.D

Acq: 26 Oct 2022 21:01

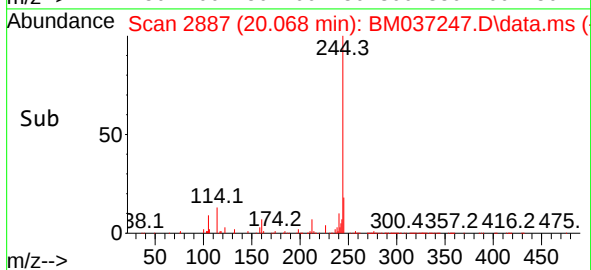
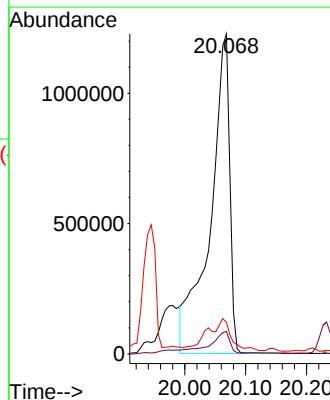
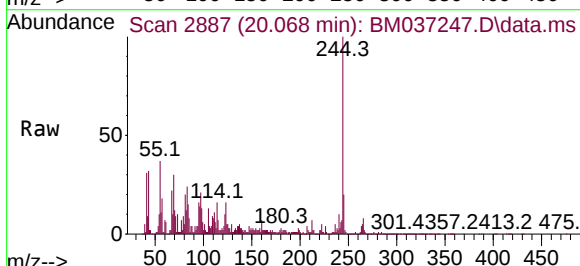
Tgt Ion:244 Resp: 2723074

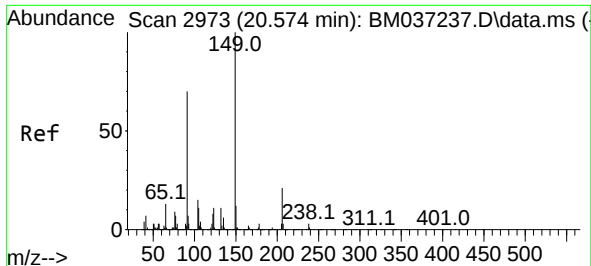
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.9 7.3 10.9

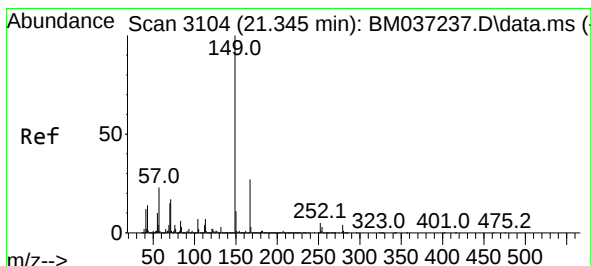
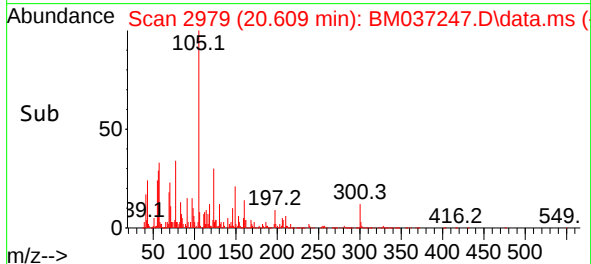
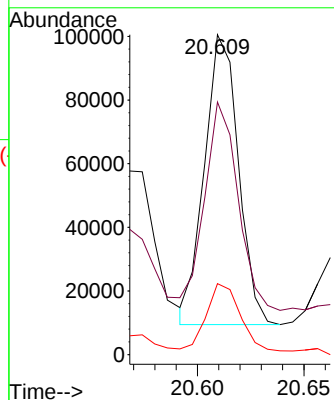
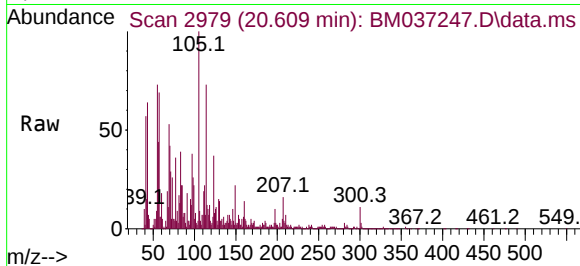




#80  
 Butylbenzylphthalate  
 Concen: 3.989 ng  
 RT: 20.609 min Scan# 2973  
 Delta R.T. 0.035 min  
 Lab File: BM037247.D  
 Acq: 26 Oct 2022 21:01

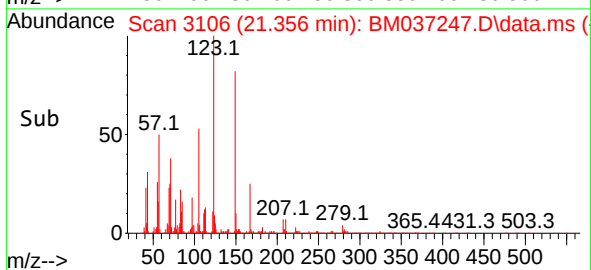
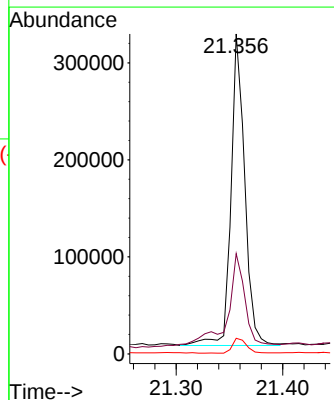
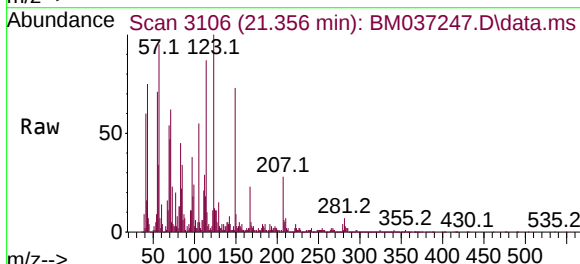
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EFF-WASTE-WATER

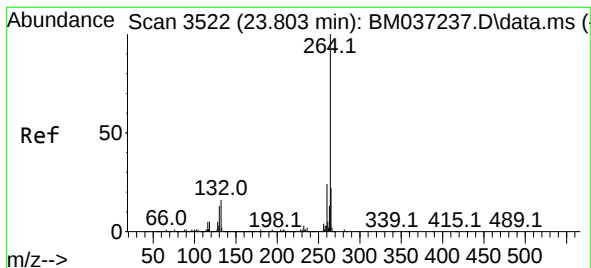
Tgt Ion:149 Resp: 101088  
 Ion Ratio Lower Upper  
 149 100  
 91 78.9 55.7 83.5  
 206 22.2 16.9 25.3



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 7.882 ng  
 RT: 21.356 min Scan# 3106  
 Delta R.T. 0.012 min  
 Lab File: BM037247.D  
 Acq: 26 Oct 2022 21:01

Tgt Ion:149 Resp: 287589  
 Ion Ratio Lower Upper  
 149 100  
 167 31.3 21.7 32.5  
 279 4.9 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 31

Delta R.T. 0.024 min

Lab File: BM037247.D

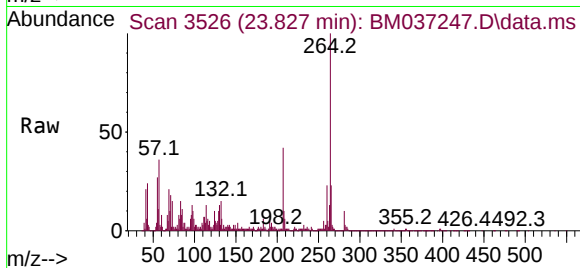
Acq: 26 Oct 2022 21:01

Instrument :

BNA\_M

ClientSampleId :

EFF-WASTE-WATER



Tgt Ion:264 Resp: 1069153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 19.0  | 28.4  |
| 265 | 23.4  | 17.9  | 26.9  |

264 100

260 23.2 19.0 28.4

265 23.4 17.9 26.9

