

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011822\  
 Data File : BM033767.D  
 Acq On : 18 Jan 2022 17:10  
 Operator : CG/JU  
 Sample : PB142096BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB142096BL

Quant Time: Jan 19 04:20:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 17 16:30:56 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.954  | 152  | 163976   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.766 | 136  | 688446   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.589 | 164  | 460914   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.324 | 188  | 994079   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.489 | 240  | 913521   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.889 | 264  | 846360   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.502  | 112  | 1330060  | 136.295 | ng    | 0.00     |
| 7) Phenol-d6                | 7.113  | 99   | 1724226  | 125.415 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.113  | 82   | 1137098  | 81.283  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.071 | 330  | 709769   | 113.583 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.219 | 172  | 2626504  | 80.168  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.942 | 244  | 4233655  | 76.853  | ng    | 0.00     |

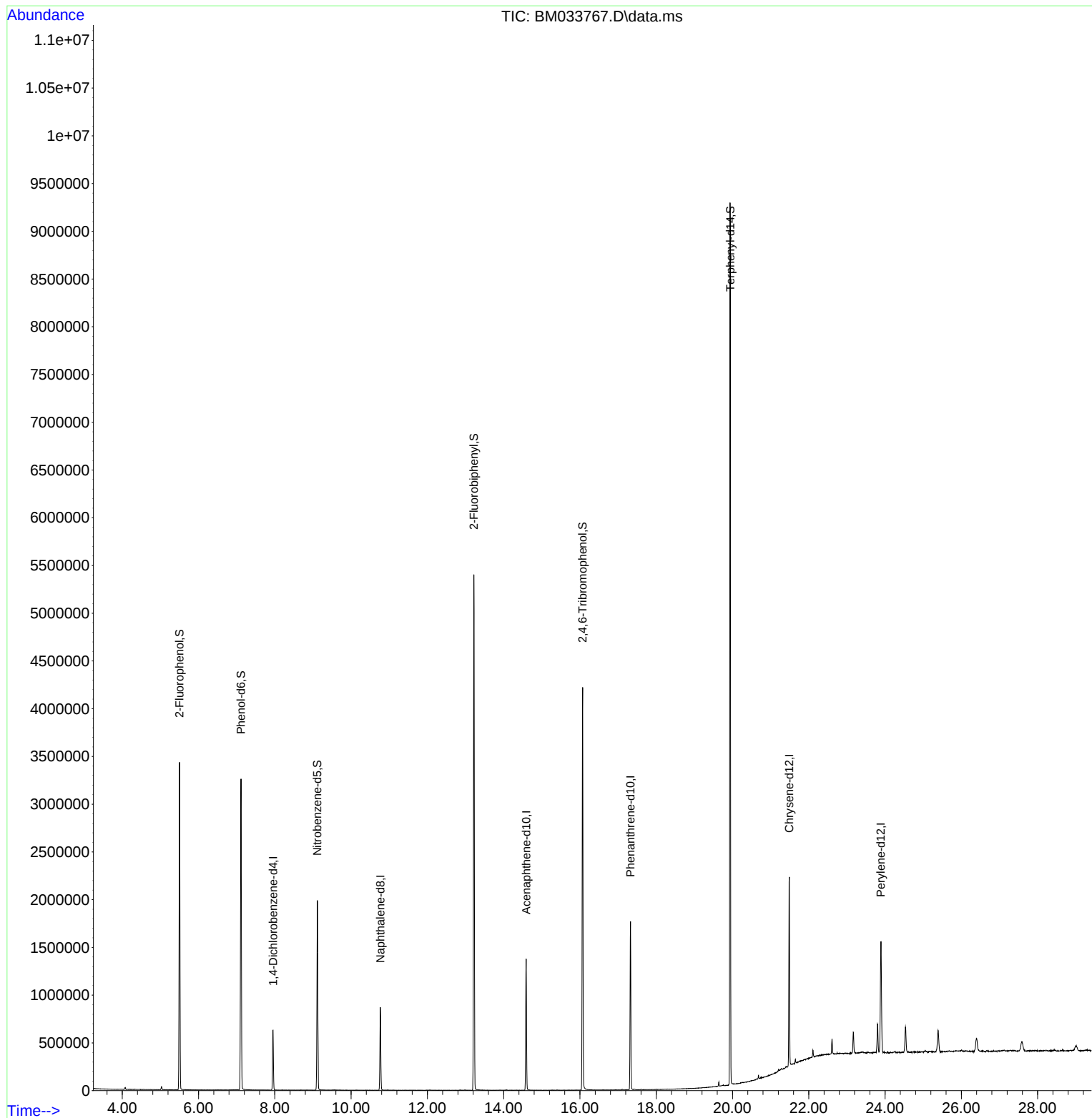
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

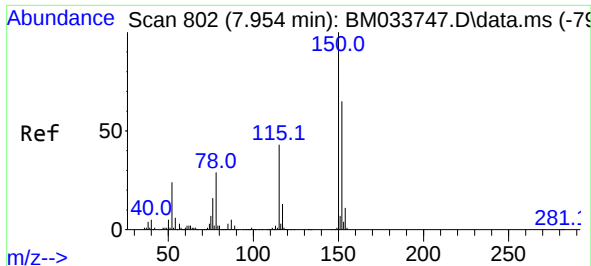
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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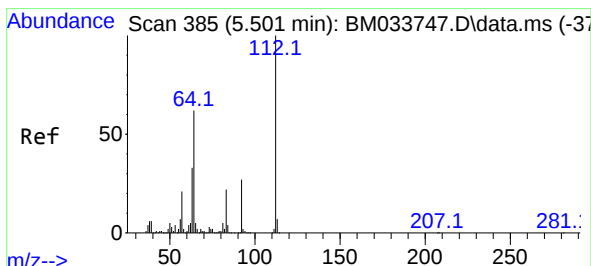
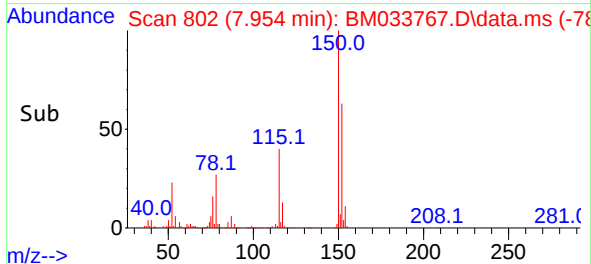
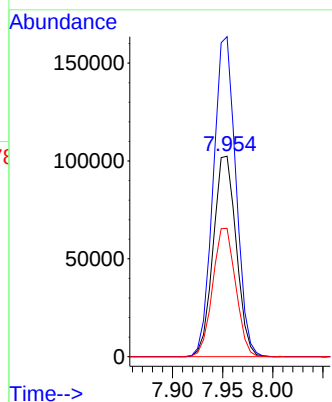
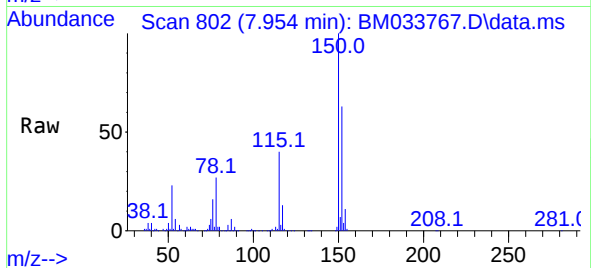




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.954 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BM033767.D  
Acq: 18 Jan 2022 17:10

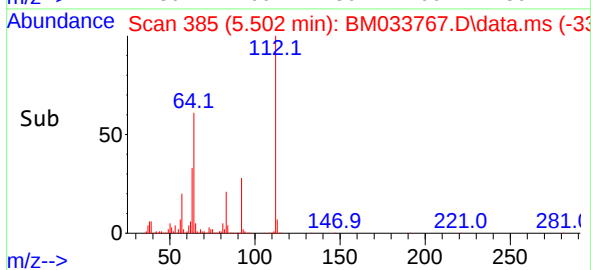
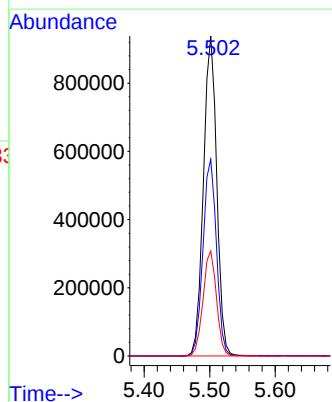
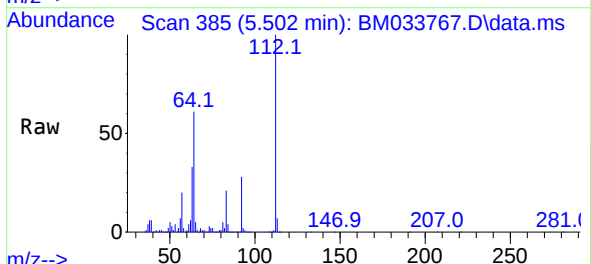
Instrument :  
BNA\_M  
ClientSampleId :  
PB142096BL

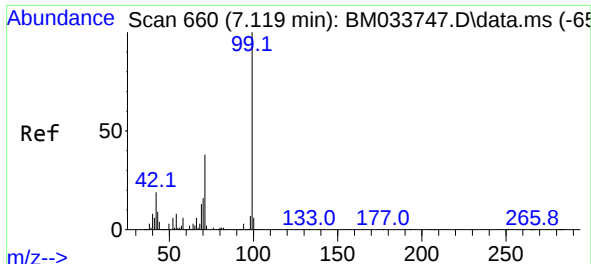
Tgt Ion:152 Resp: 163976  
Ion Ratio Lower Upper  
152 100  
150 159.7 128.9 193.3  
115 64.1 53.0 79.6



#5  
2-Fluorophenol  
Concen: 136.295 ng  
RT: 5.502 min Scan# 385  
Delta R.T. 0.000 min  
Lab File: BM033767.D  
Acq: 18 Jan 2022 17:10

Tgt Ion:112 Resp: 1330060  
Ion Ratio Lower Upper  
112 100  
64 61.5 55.5 83.3  
63 32.8 31.3 46.9

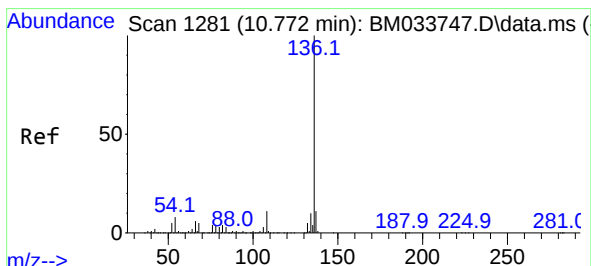
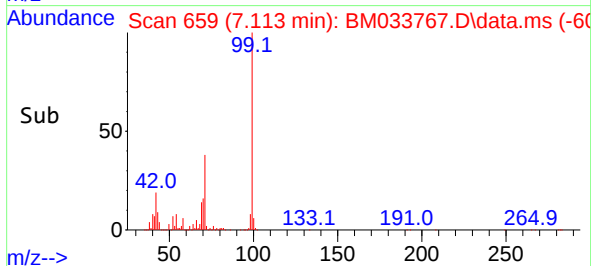
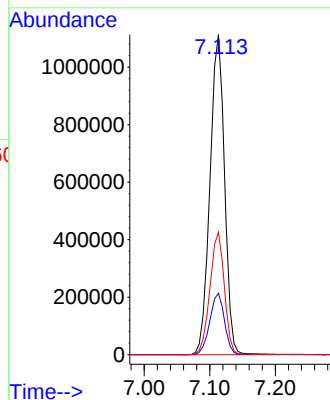
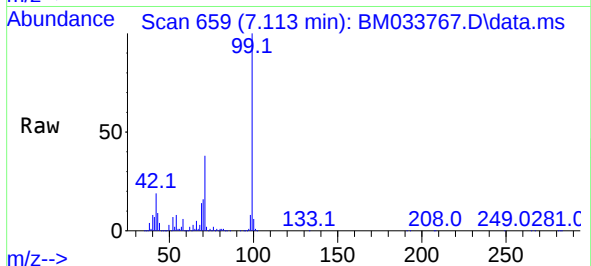




#7  
Phenol-d6  
Concen: 125.415 ng  
RT: 7.113 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM033767.D  
Acq: 18 Jan 2022 17:10

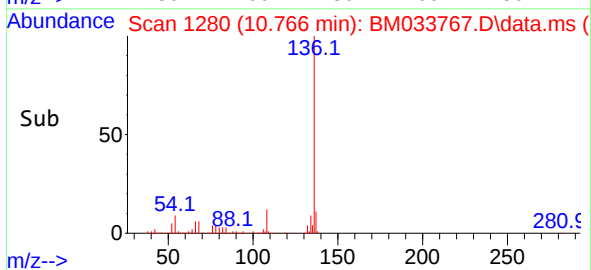
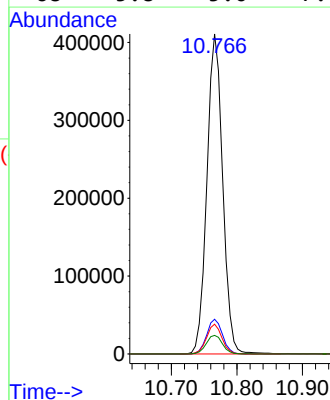
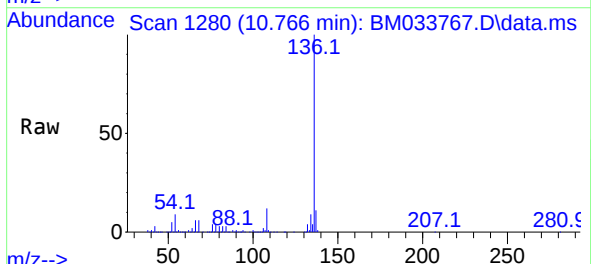
Instrument :  
BNA\_M  
ClientSampleId :  
PB142096BL

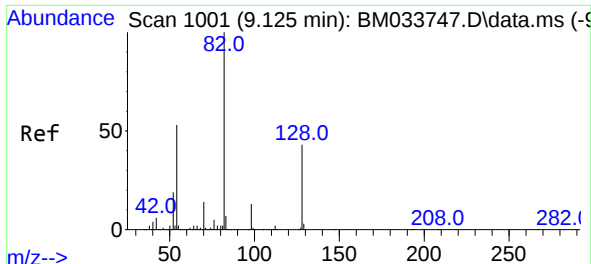
Tgt Ion: 99 Resp: 1724226  
Ion Ratio Lower Upper  
99 100  
42 19.2 20.3 30.5#  
71 38.3 34.5 51.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.766 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: BM033767.D  
Acq: 18 Jan 2022 17:10

Tgt Ion: 136 Resp: 688446  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 9.3 8.3 12.5  
68 5.8 5.0 7.6

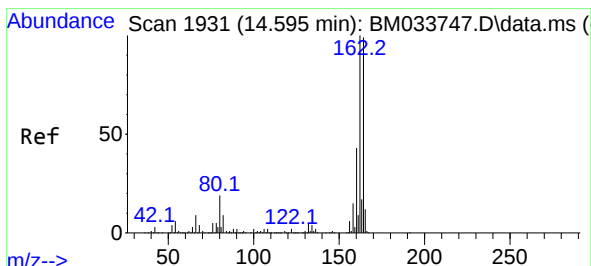
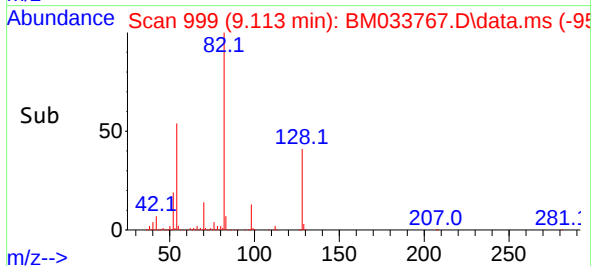
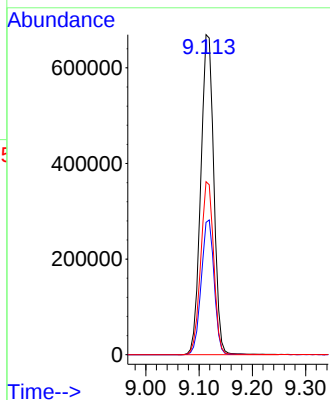
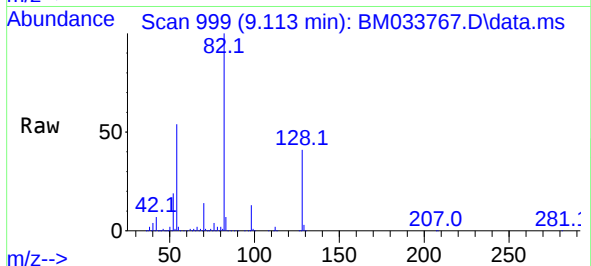




#23  
Nitrobenzene-d5  
Concen: 81.283 ng  
RT: 9.113 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BM033767.D  
Acq: 18 Jan 2022 17:10

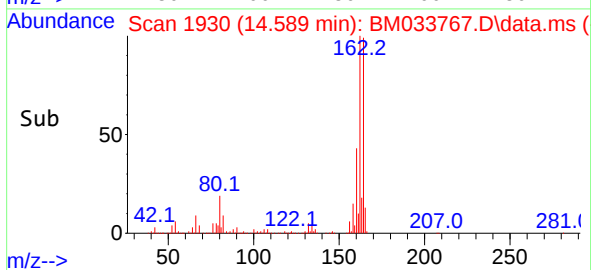
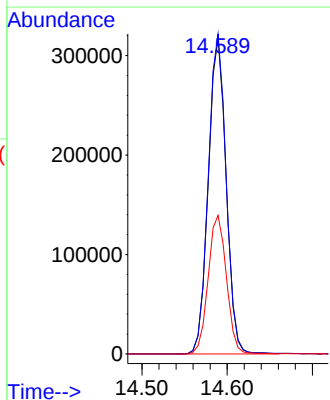
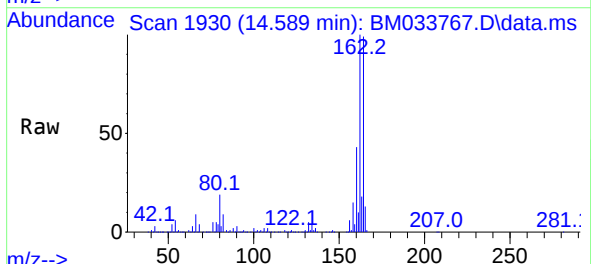
Instrument :  
BNA\_M  
ClientSampleId :  
PB142096BL

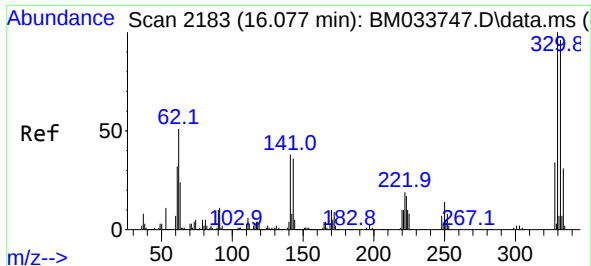
Tgt Ion: 82 Resp: 1137098  
Ion Ratio Lower Upper  
82 100  
128 41.3 28.1 42.1  
54 54.0 46.1 69.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.589 min Scan# 1930  
Delta R.T. -0.006 min  
Lab File: BM033767.D  
Acq: 18 Jan 2022 17:10

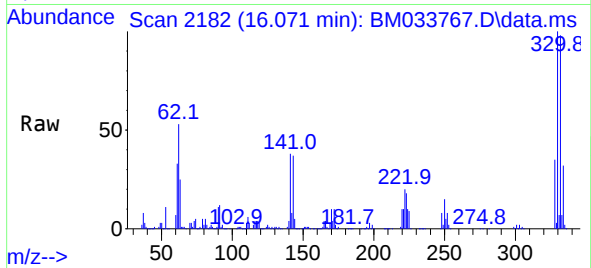
Tgt Ion: 164 Resp: 460914  
Ion Ratio Lower Upper  
164 100  
162 101.2 79.7 119.5  
160 43.8 34.2 51.4



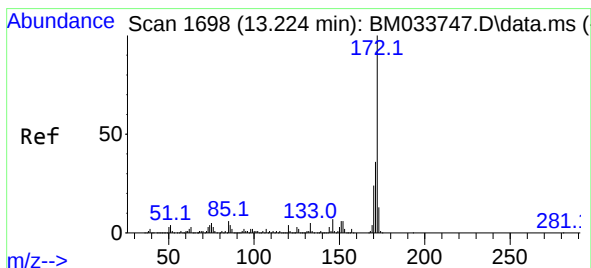
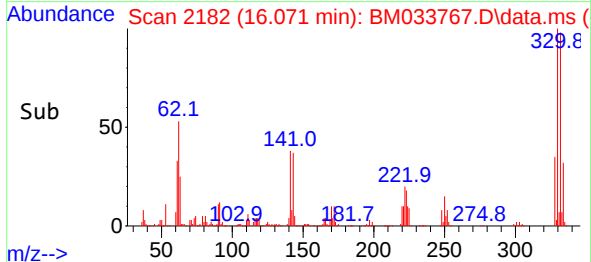
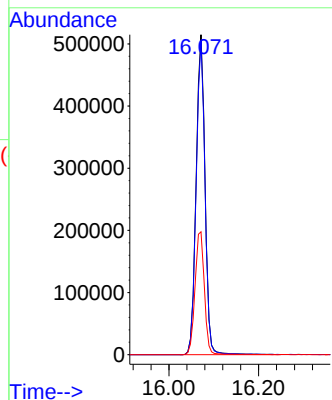


#42  
2,4,6-Tribromophenol  
Concen: 113.583 ng  
RT: 16.071 min Scan# 2183  
Delta R.T. -0.006 min  
Lab File: BM033767.D  
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ClientSampleId :  
PB142096BL

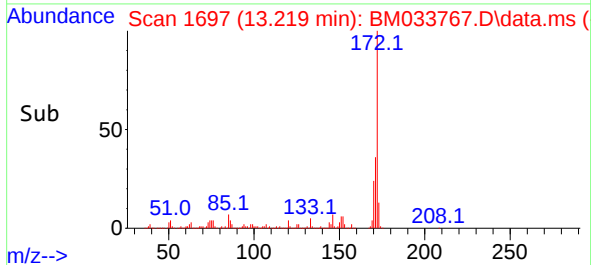
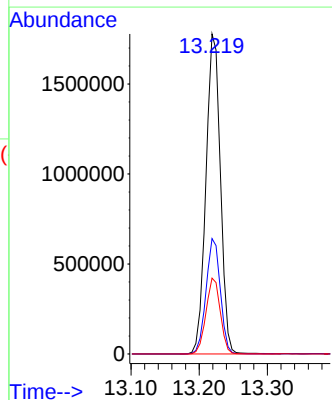
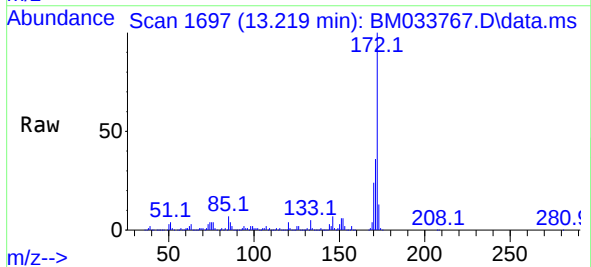


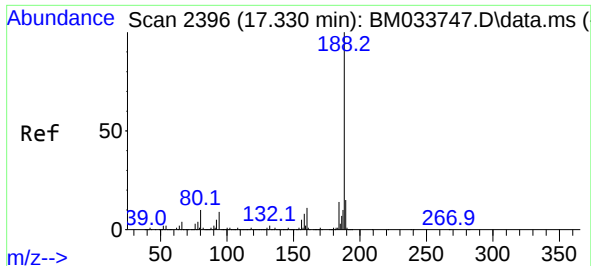
Tgt Ion:330 Resp: 709769  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.5 114.7  
141 40.3 35.9 53.9



#45  
2-Fluorobiphenyl  
Concen: 80.168 ng  
RT: 13.219 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: BM033767.D  
Acq: 18 Jan 2022 17:10

Tgt Ion:172 Resp: 2626504  
Ion Ratio Lower Upper  
172 100  
171 36.1 27.2 40.8  
170 23.7 18.7 28.1

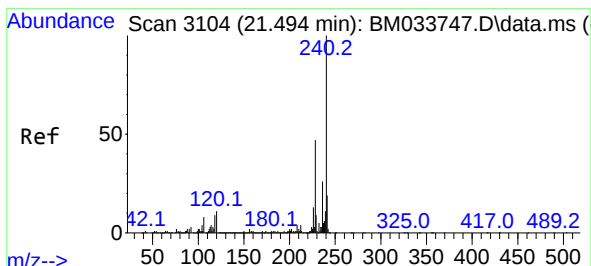
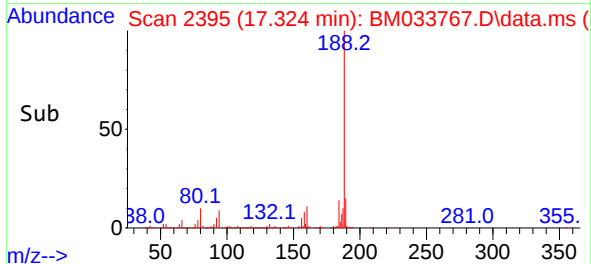
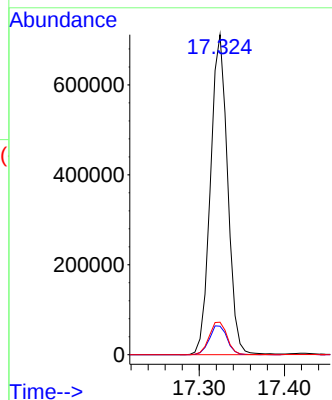
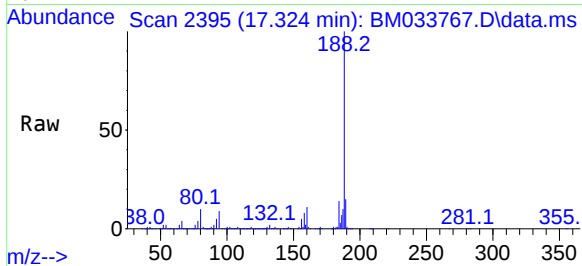




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.324 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM033767.D  
Acq: 18 Jan 2022 17:10

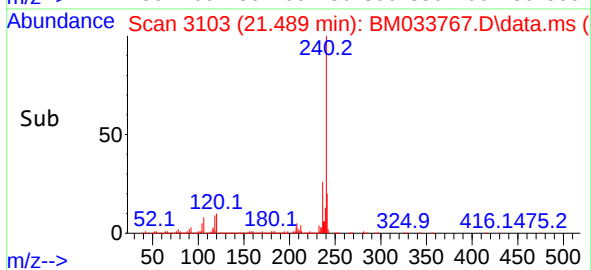
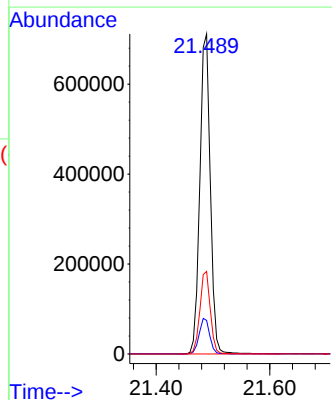
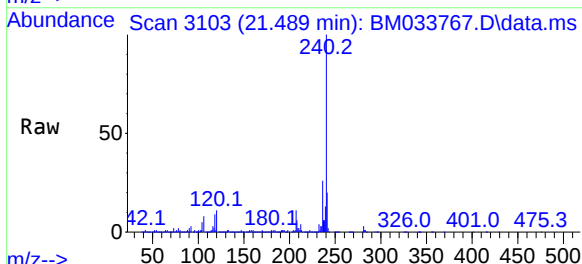
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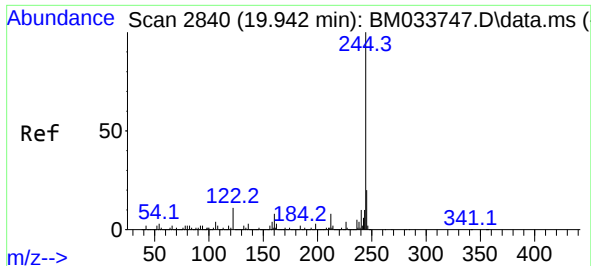
Tgt Ion:188 Resp: 994079  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.5 11.3  
80 10.2 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.489 min Scan# 3103  
Delta R.T. -0.006 min  
Lab File: BM033767.D  
Acq: 18 Jan 2022 17:10

Tgt Ion:240 Resp: 913521  
Ion Ratio Lower Upper  
240 100  
120 10.5 7.8 11.6  
236 25.8 20.3 30.5

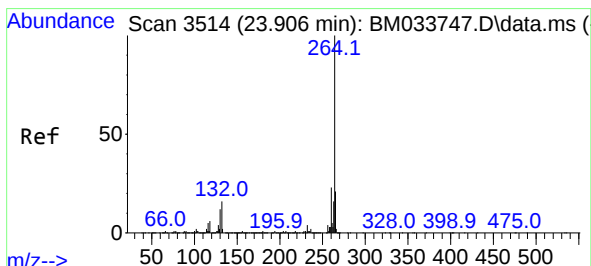
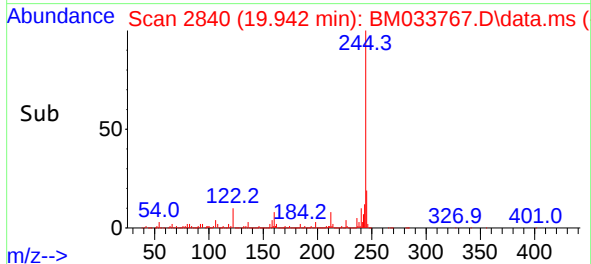
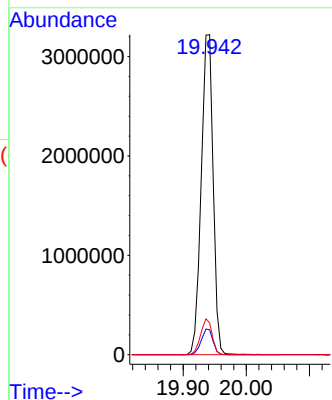
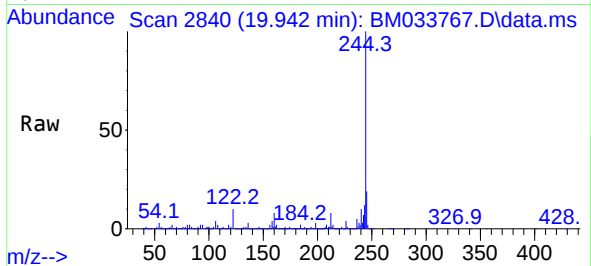




#79  
 Terphenyl-d14  
 Concen: 76.853 ng  
 RT: 19.942 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM033767.D  
 Acq: 18 Jan 2022 17:10

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB142096BL

Tgt Ion:244 Resp: 4233655  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 5.9 8.9  
 122 9.9 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.889 min Scan# 3511  
 Delta R.T. -0.017 min  
 Lab File: BM033767.D  
 Acq: 18 Jan 2022 17:10

Tgt Ion:264 Resp: 846360  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 17.7 26.5  
 265 22.0 17.7 26.5

