

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM103123\  
 Data File : BM042506.D  
 Acq On : 31 Oct 2023 11:48  
 Operator : MA/JU  
 Sample : PB156500BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB156500BL

Quant Time: Nov 01 01:24:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 02:55:18 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 105302   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.745 | 136  | 392924   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.574 | 164  | 230257   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.321 | 188  | 451399   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.503 | 240  | 332871   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.921 | 264  | 331335   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 979522   | 150.123 | ng    | 0.00     |
| 7) Phenol-d6                | 7.098  | 99   | 1237217  | 138.260 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.128  | 82   | 825361   | 97.921  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.068 | 330  | 449802   | 149.625 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.198 | 172  | 1705641  | 99.676  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.939 | 244  | 2276158  | 115.945 | ng    | 0.00     |

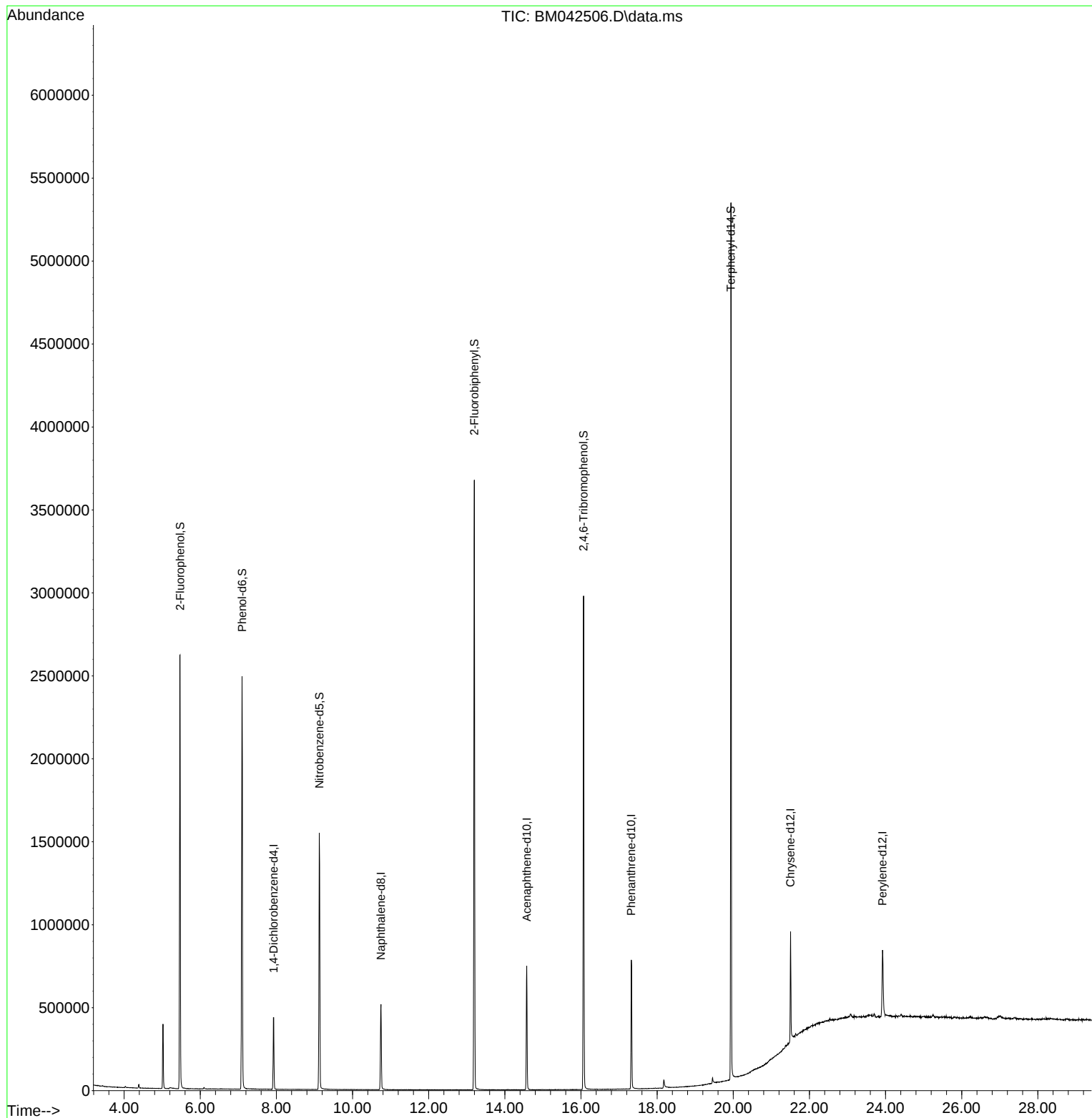
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

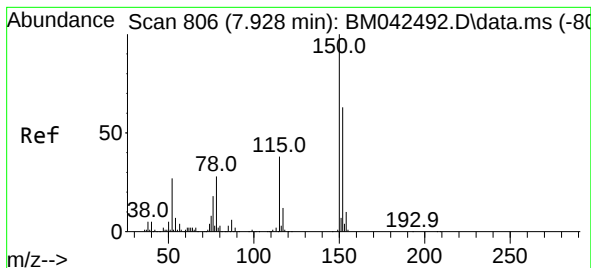
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 01 01:24:15 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 31 02:55:18 2023  
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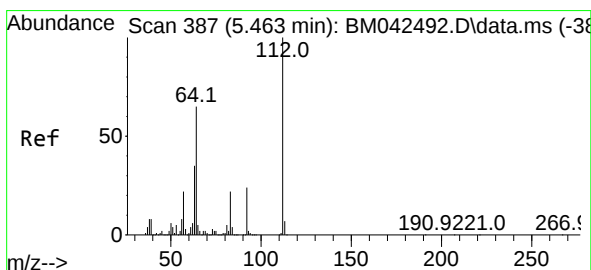
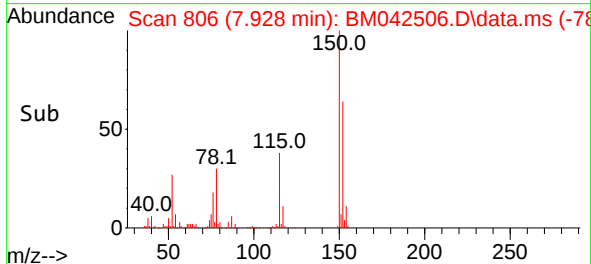
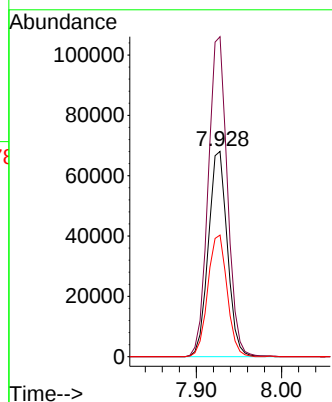
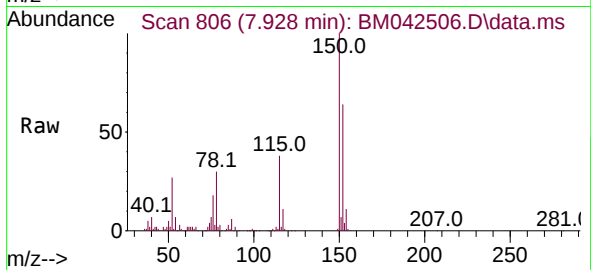




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: BM042506.D  
Acq: 31 Oct 2023 11:48

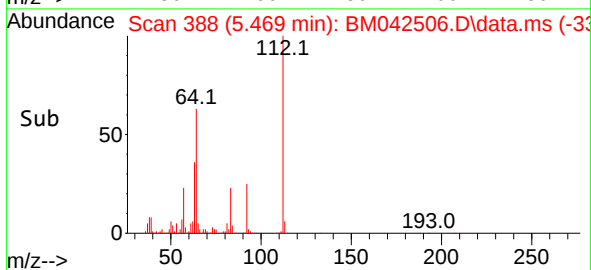
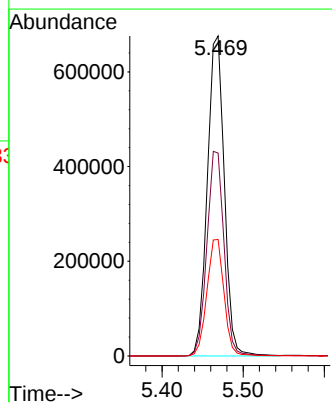
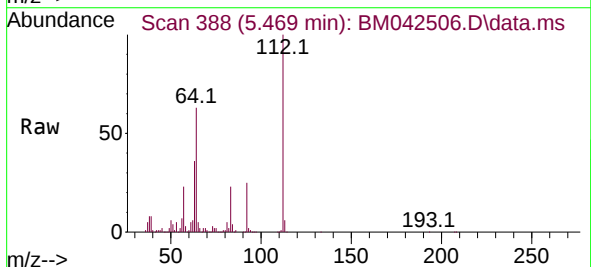
Instrument :  
BNA\_M  
ClientSampleId :  
PB156500BL

Tgt Ion:152 Resp: 105302  
Ion Ratio Lower Upper  
152 100  
150 155.9 127.4 191.0  
115 59.2 47.9 71.9



#5  
2-Fluorophenol  
Concen: 150.123 ng  
RT: 5.469 min Scan# 388  
Delta R.T. 0.006 min  
Lab File: BM042506.D  
Acq: 31 Oct 2023 11:48

Tgt Ion:112 Resp: 979522  
Ion Ratio Lower Upper  
112 100  
64 63.4 52.1 78.1  
63 36.4 28.3 42.5

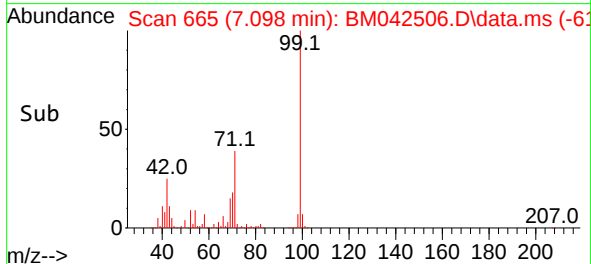
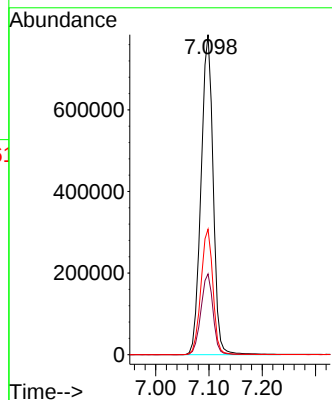
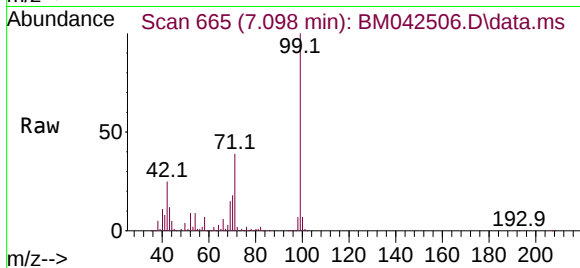




#7  
Phenol-d6  
Concen: 138.260 ng  
RT: 7.098 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM042506.D  
Acq: 31 Oct 2023 11:48

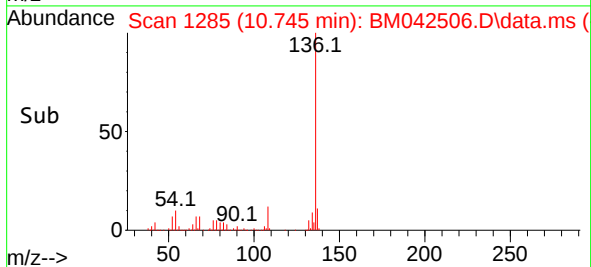
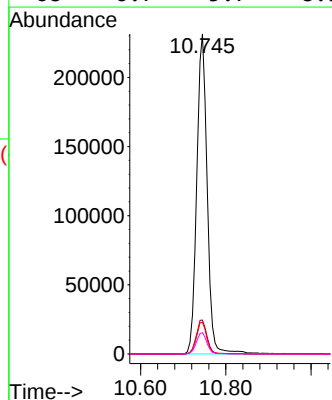
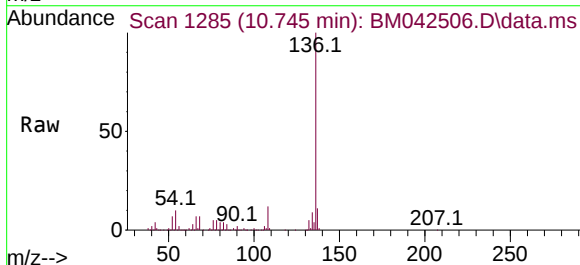
Instrument :  
BNA\_M  
ClientSampleId :  
PB156500BL

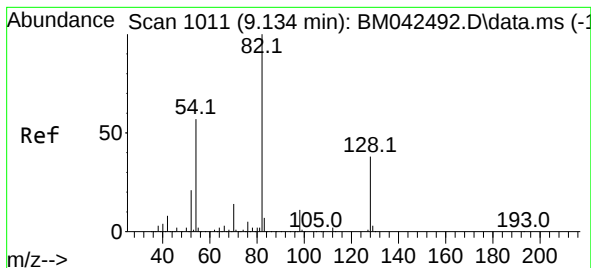
Tgt Ion: 99 Resp: 1237217  
Ion Ratio Lower Upper  
99 100  
42 25.2 18.7 28.1  
71 39.2 29.1 43.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.745 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: BM042506.D  
Acq: 31 Oct 2023 11:48

Tgt Ion:136 Resp: 392924  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.6  
54 9.8 8.0 12.0  
68 6.7 5.7 8.5





#23

Nitrobenzene-d5

Concen: 97.921 ng

RT: 9.128 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM042506.D

Acq: 31 Oct 2023 11:48

Instrument :

BNA\_M

ClientSampleId :

PB156500BL

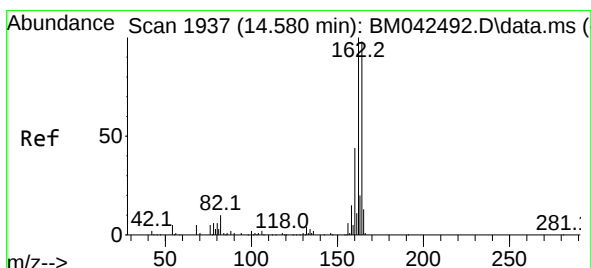
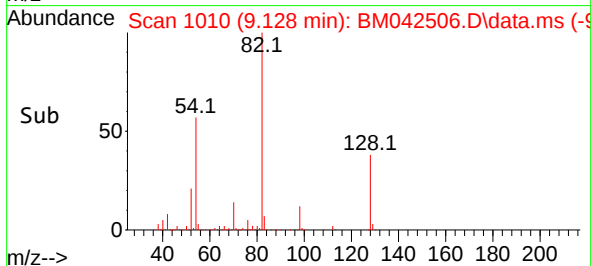
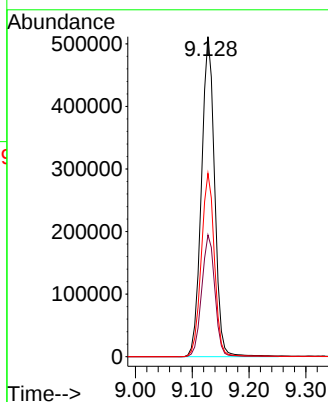
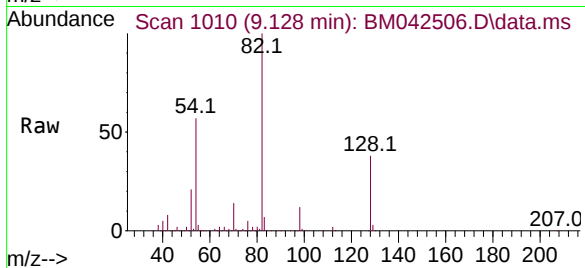
Tgt Ion: 82 Resp: 825361

Ion Ratio Lower Upper

82 100

128 38.1 30.7 46.1

54 57.3 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM042506.D

Acq: 31 Oct 2023 11:48

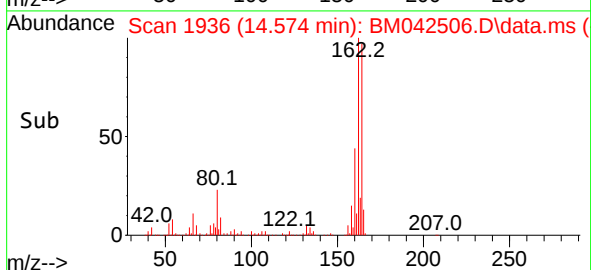
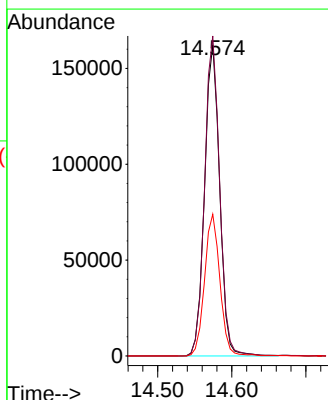
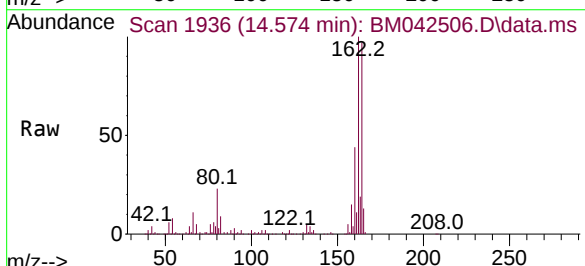
Tgt Ion:164 Resp: 230257

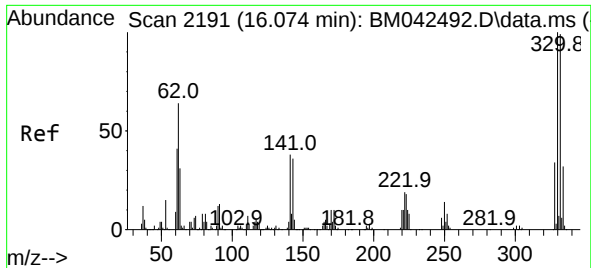
Ion Ratio Lower Upper

164 100

162 102.9 81.6 122.4

160 45.6 36.2 54.4

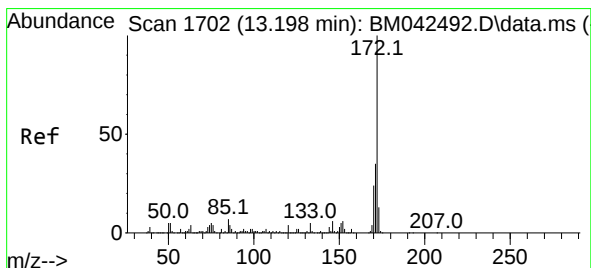
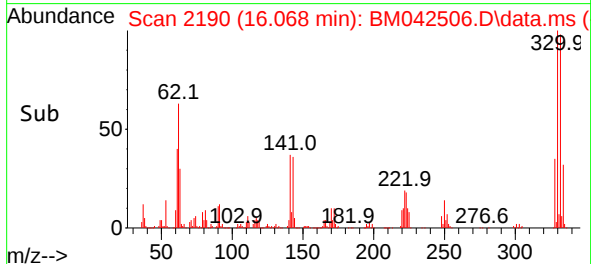
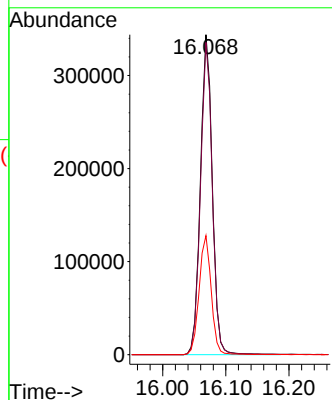
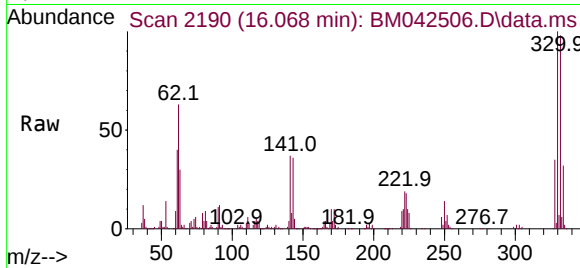




#42  
2,4,6-Tribromophenol  
Concen: 149.625 ng  
RT: 16.068 min Scan# 2191  
Delta R.T. -0.006 min  
Lab File: BM042506.D  
Acq: 31 Oct 2023 11:48

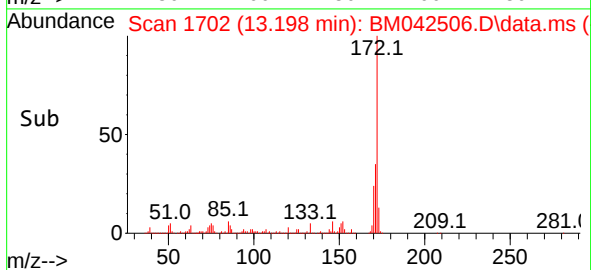
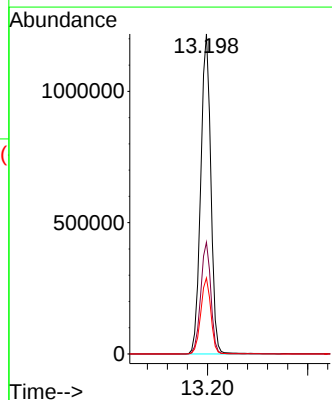
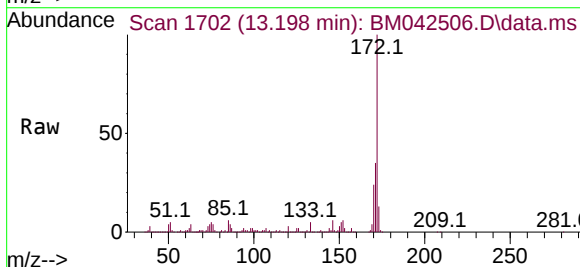
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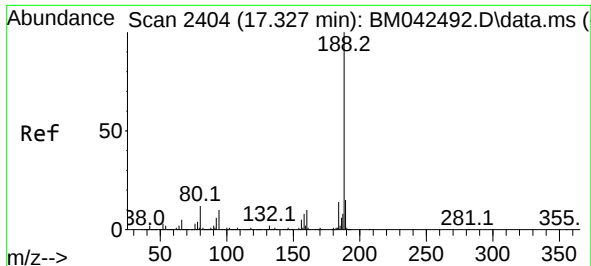
Tgt Ion:330 Resp: 449802  
Ion Ratio Lower Upper  
330 100  
332 96.9 78.8 118.2  
141 37.8 31.1 46.7



#45  
2-Fluorobiphenyl  
Concen: 99.676 ng  
RT: 13.198 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BM042506.D  
Acq: 31 Oct 2023 11:48

Tgt Ion:172 Resp: 1705641  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.2 42.2  
170 23.8 19.0 28.4

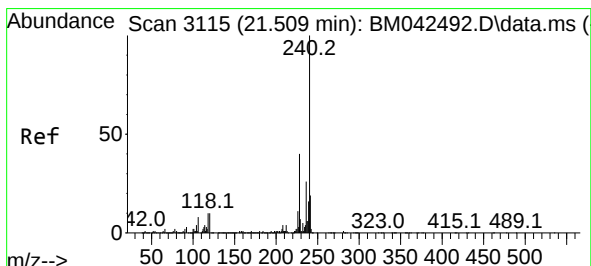
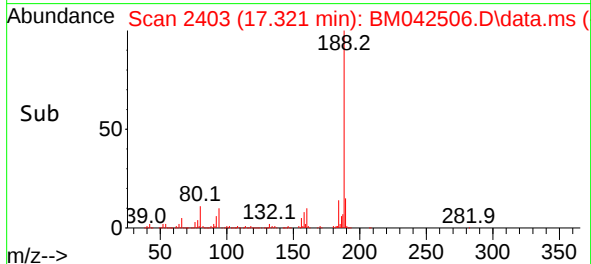
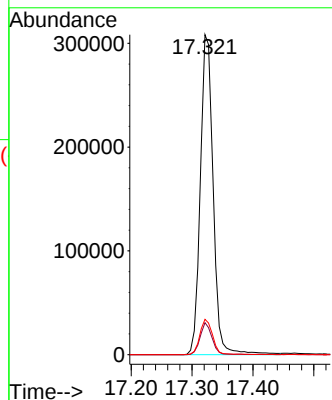
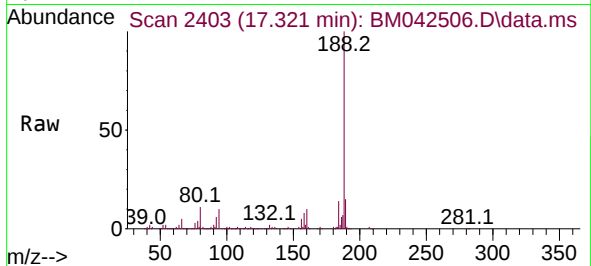




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.321 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BM042506.D  
Acq: 31 Oct 2023 11:48

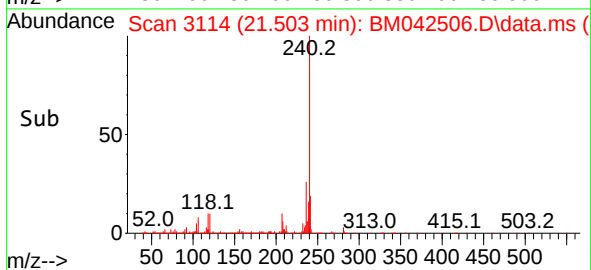
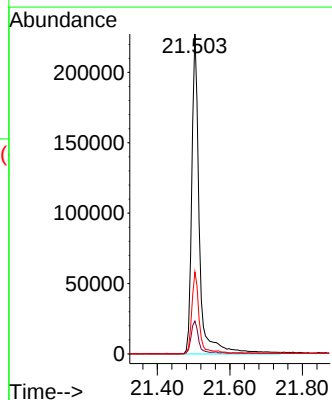
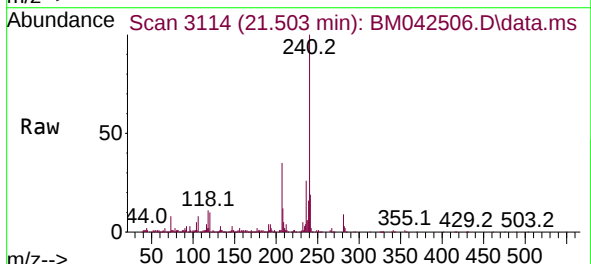
Instrument :  
BNA\_M  
ClientSampleId :  
PB156500BL

Tgt Ion:188 Resp: 451399  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.2 12.4  
80 11.1 9.4 14.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.503 min Scan# 3114  
Delta R.T. -0.006 min  
Lab File: BM042506.D  
Acq: 31 Oct 2023 11:48

Tgt Ion:240 Resp: 332871  
Ion Ratio Lower Upper  
240 100  
120 10.3 8.3 12.5  
236 25.6 20.8 31.2

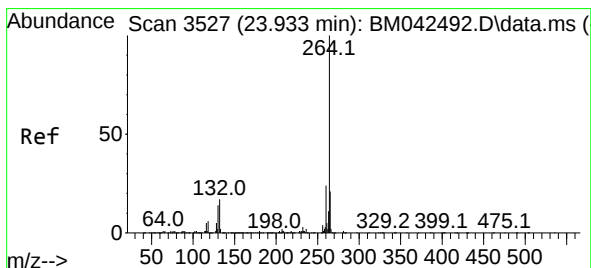
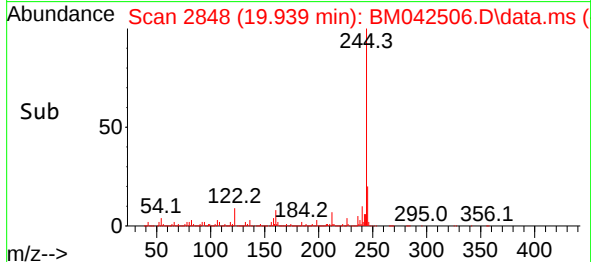
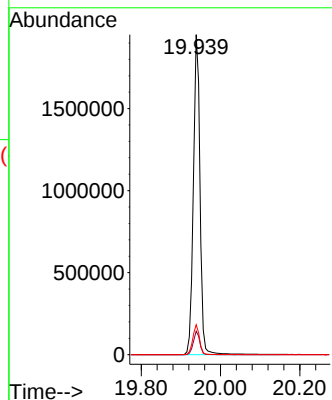
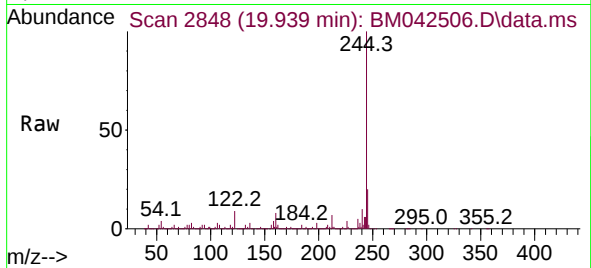




#79  
 Terphenyl-d14  
 Concen: 115.945 ng  
 RT: 19.939 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM042506.D  
 Acq: 31 Oct 2023 11:48

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB156500BL

Tgt Ion:244 Resp: 2276158  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.4 8.2  
 122 9.4 7.2 10.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.921 min Scan# 3525  
 Delta R.T. -0.012 min  
 Lab File: BM042506.D  
 Acq: 31 Oct 2023 11:48

Tgt Ion:264 Resp: 331335  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 19.0 28.4  
 265 22.8 18.7 28.1

