

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM103123\  
 Data File : BM042514.D  
 Acq On : 31 Oct 2023 17:07  
 Operator : MA/JU  
 Sample : PB156500BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB156500BL

Quant Time: Nov 01 01:47:47 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   | 7.922  | 152  | 106733   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.739 | 136  | 392091   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.574 | 164  | 232022   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.321 | 188  | 450184   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.503 | 240  | 302129   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.921 | 264  | 303627   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 983479   | 148.709 | ng    | 0.00     |
| 7) Phenol-d6                | 7.093  | 99   | 1257134  | 138.602 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.128  | 82   | 818366   | 97.297  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.068 | 330  | 435929   | 143.907 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.198 | 172  | 1673307  | 97.043  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.939 | 244  | 2217892  | 124.472 | ng    | 0.00     |

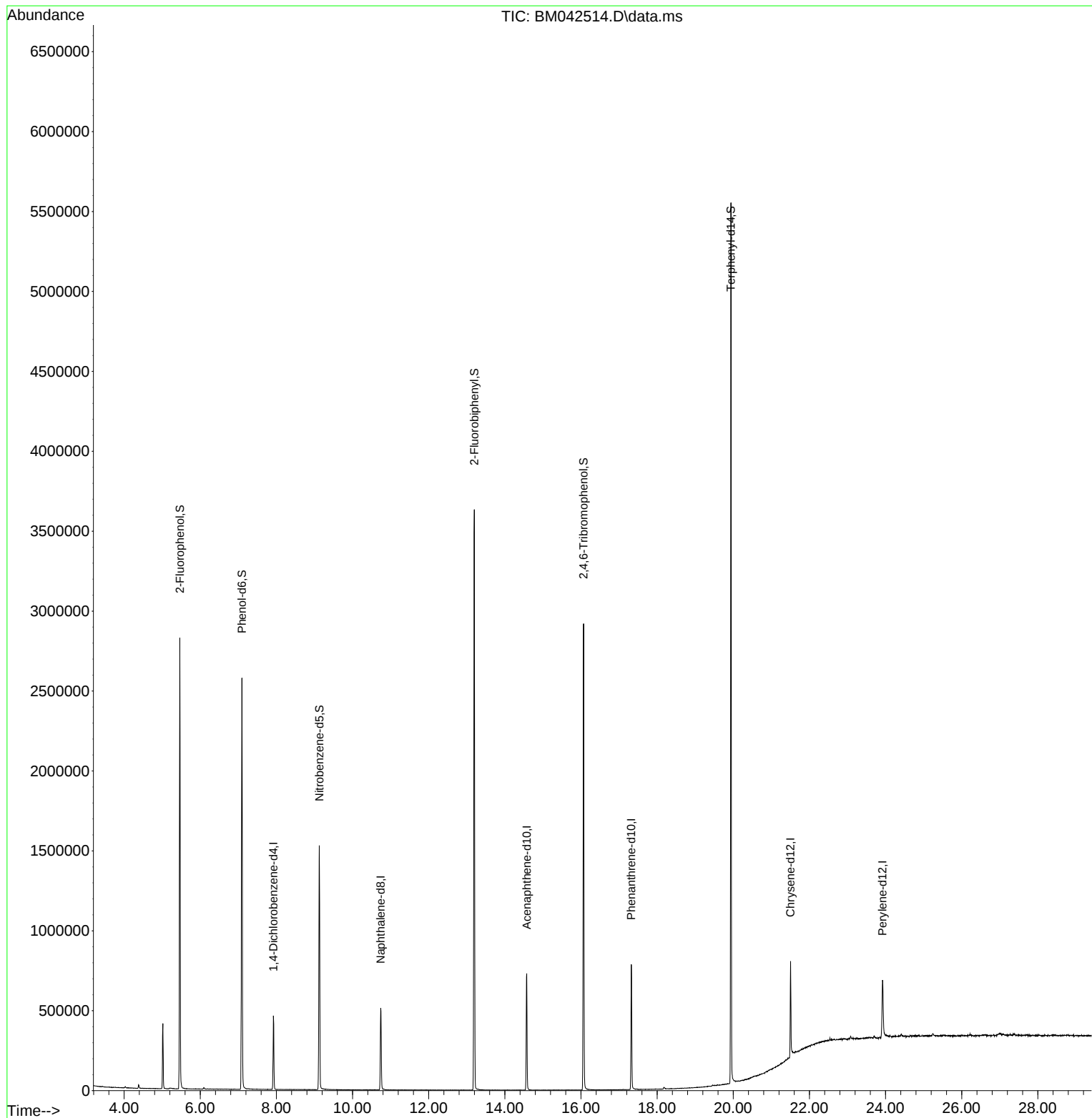
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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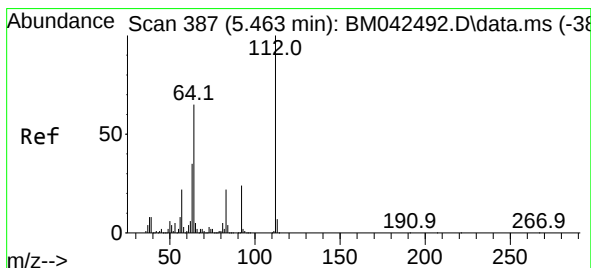
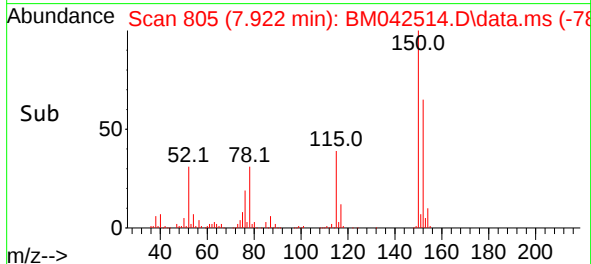
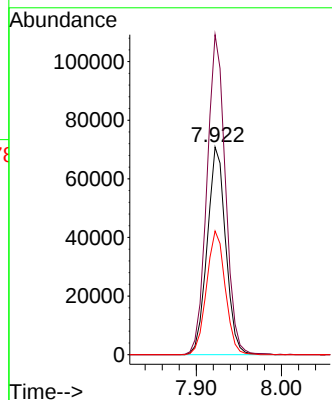
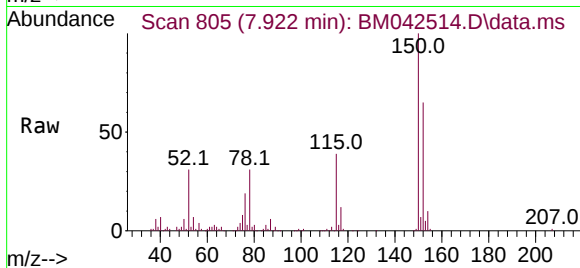




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.922 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BM042514.D  
Acq: 31 Oct 2023 17:07

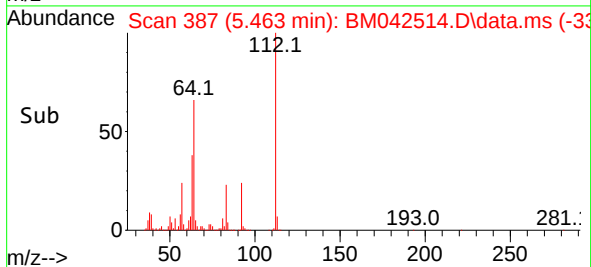
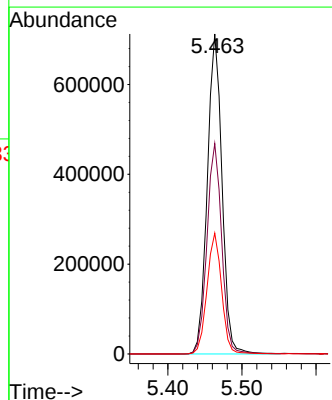
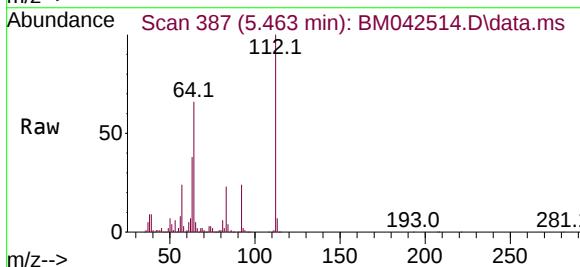
Instrument :  
BNA\_M  
ClientSampleId :  
PB156500BL

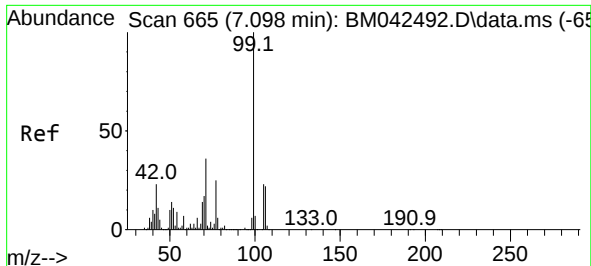
Tgt Ion:152 Resp: 106733  
Ion Ratio Lower Upper  
152 100  
150 154.1 127.4 191.0  
115 59.5 47.9 71.9



#5  
2-Fluorophenol  
Concen: 148.709 ng  
RT: 5.463 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: BM042514.D  
Acq: 31 Oct 2023 17:07

Tgt Ion:112 Resp: 983479  
Ion Ratio Lower Upper  
112 100  
64 65.8 52.1 78.1  
63 37.8 28.3 42.5

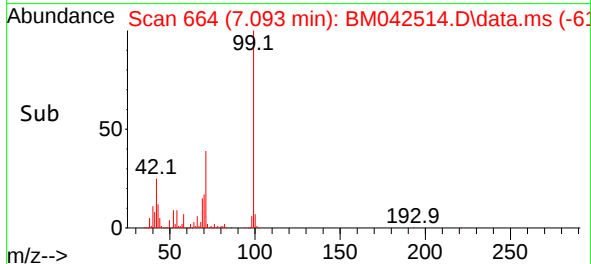
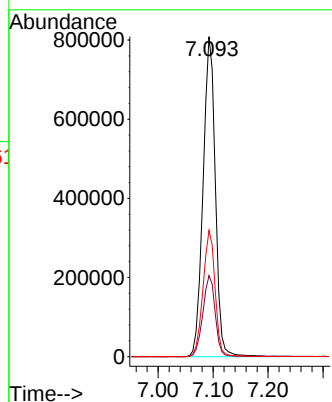
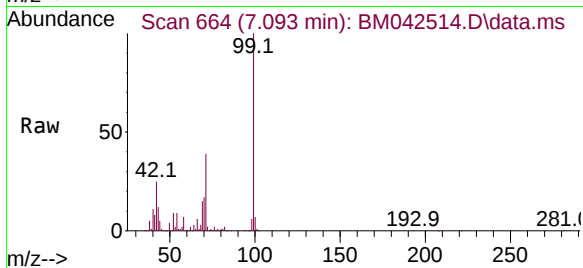




#7  
Phenol-d6  
Concen: 138.602 ng  
RT: 7.093 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BM042514.D  
Acq: 31 Oct 2023 17:07

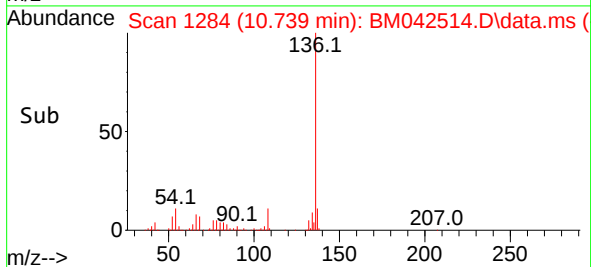
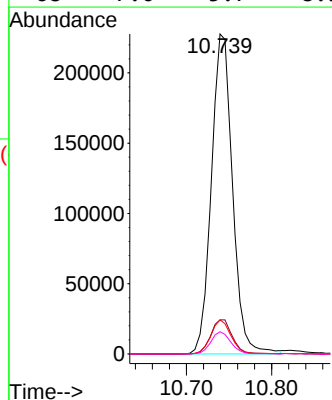
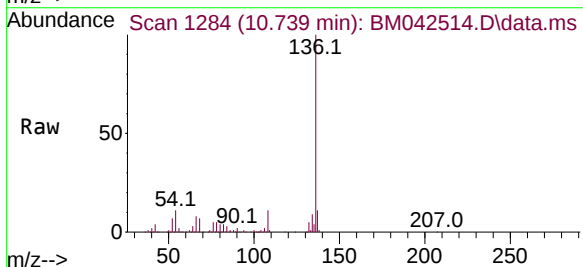
Instrument :  
BNA\_M  
ClientSampleId :  
PB156500BL

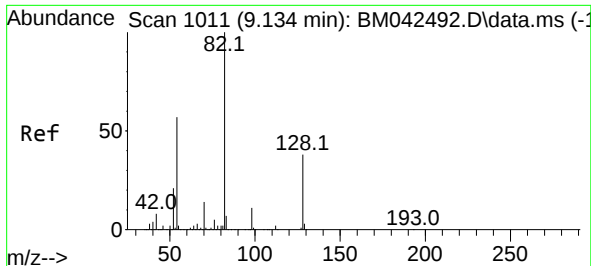
Tgt Ion: 99 Resp: 1257134  
Ion Ratio Lower Upper  
99 100  
42 25.4 18.7 28.1  
71 39.5 29.1 43.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.739 min Scan# 1284  
Delta R.T. -0.012 min  
Lab File: BM042514.D  
Acq: 31 Oct 2023 17:07

Tgt Ion:136 Resp: 392091  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.6  
54 10.7 8.0 12.0  
68 7.0 5.7 8.5

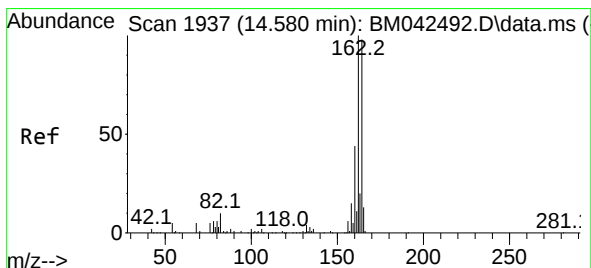
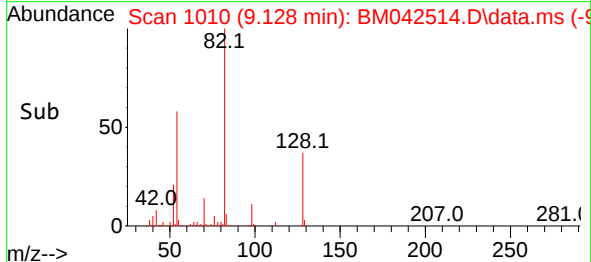
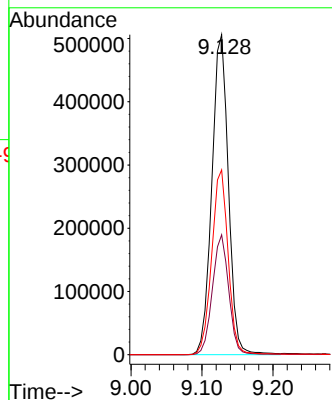
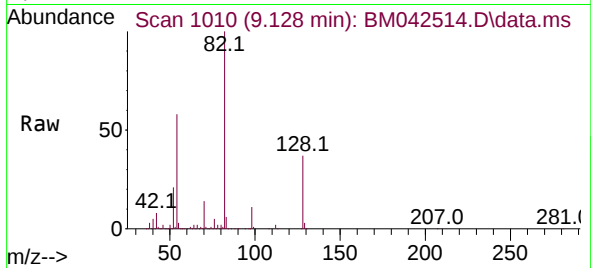




#23  
Nitrobenzene-d5  
Concen: 97.297 ng  
RT: 9.128 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: BM042514.D  
Acq: 31 Oct 2023 17:07

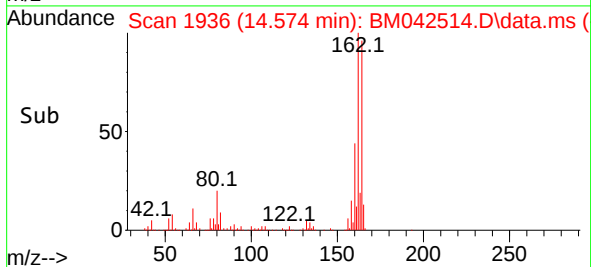
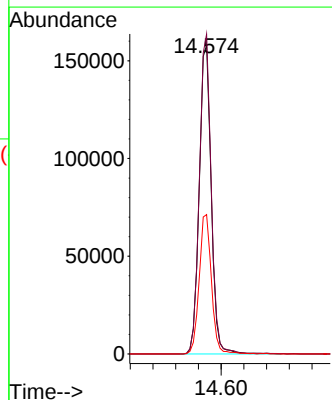
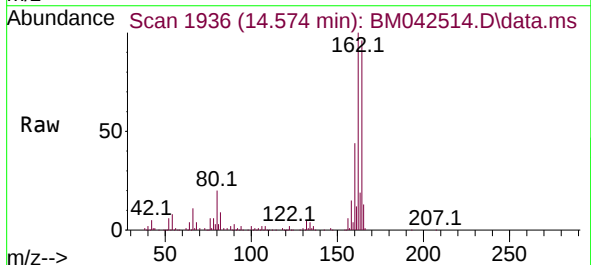
Instrument :  
BNA\_M  
ClientSampleId :  
PB156500BL

Tgt Ion: 82 Resp: 818366  
Ion Ratio Lower Upper  
82 100  
128 37.4 30.7 46.1  
54 57.8 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: BM042514.D  
Acq: 31 Oct 2023 17:07

Tgt Ion: 164 Resp: 232022  
Ion Ratio Lower Upper  
164 100  
162 103.6 81.6 122.4  
160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 143.907 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042514.D

Acq: 31 Oct 2023 17:07

Instrument :

BNA\_M

ClientSampleId :

PB156500BL

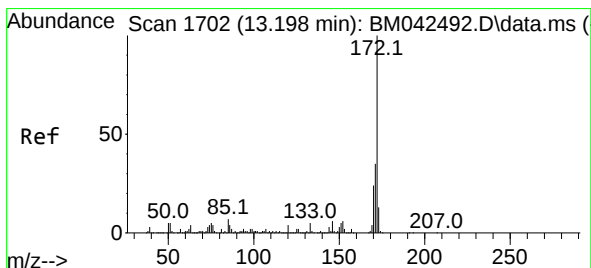
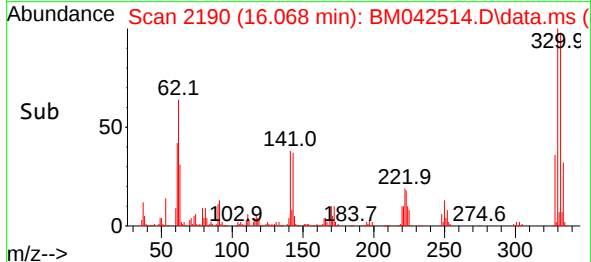
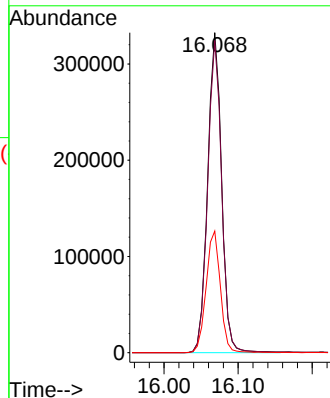
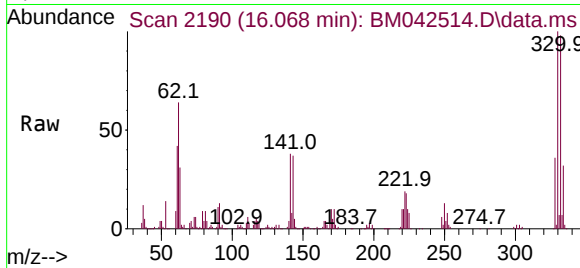
Tgt Ion:330 Resp: 435929

Ion Ratio Lower Upper

330 100

332 97.6 78.8 118.2

141 38.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 97.043 ng

RT: 13.198 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BM042514.D

Acq: 31 Oct 2023 17:07

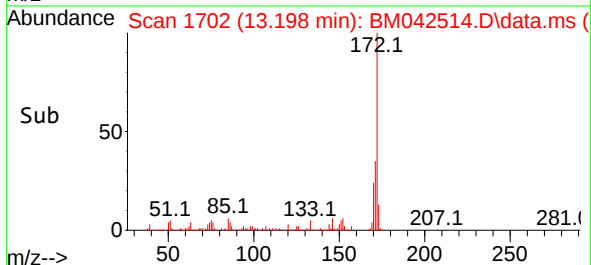
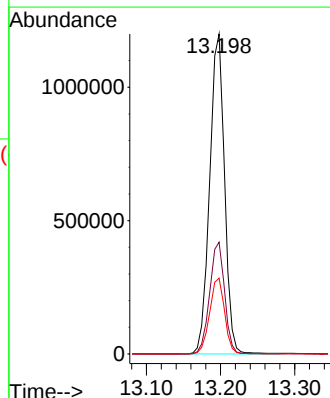
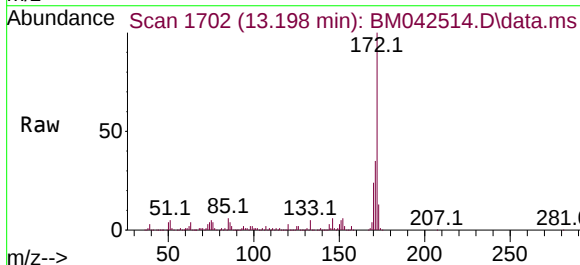
Tgt Ion:172 Resp: 1673307

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.7 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: BM042514.D

Acq: 31 Oct 2023 17:07

Instrument :

BNA\_M

ClientSampleId :

PB156500BL

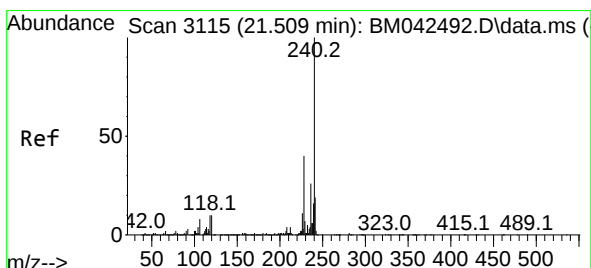
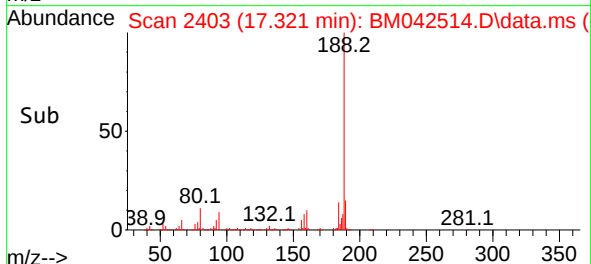
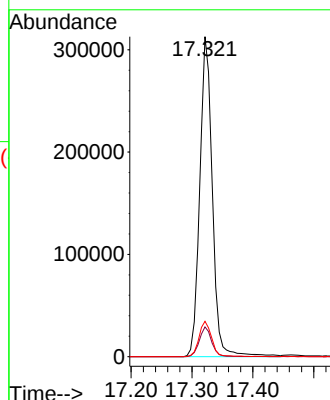
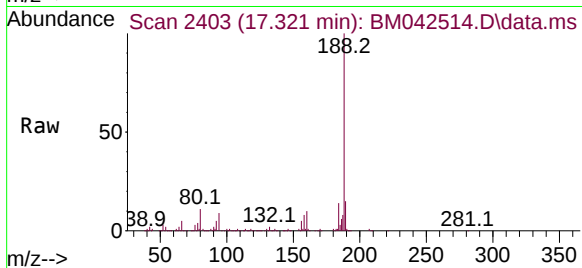
Tgt Ion:188 Resp: 450184

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

80 11.0 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: BM042514.D

Acq: 31 Oct 2023 17:07

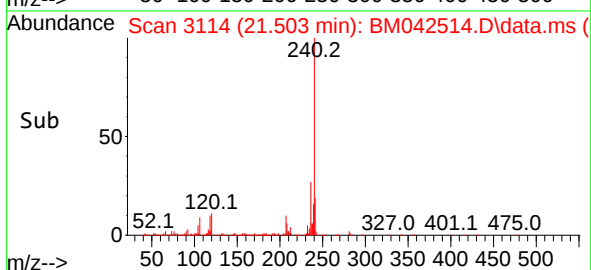
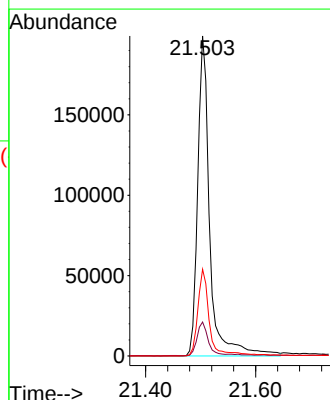
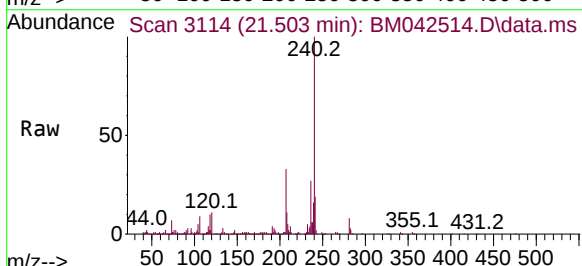
Tgt Ion:240 Resp: 302129

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

236 27.1 20.8 31.2

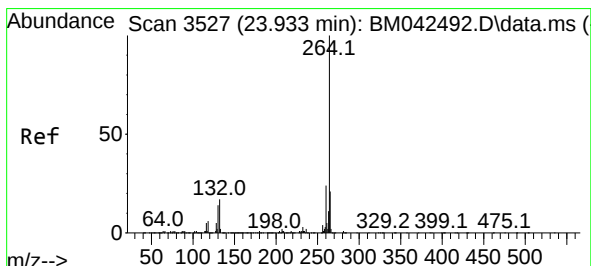
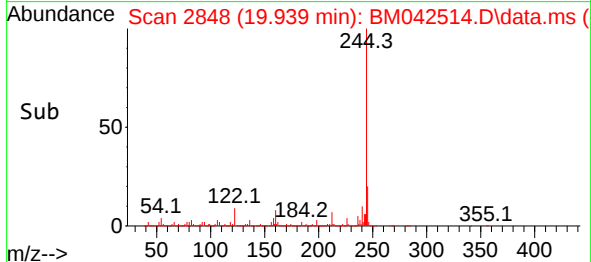
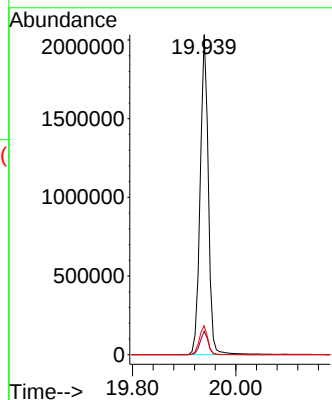
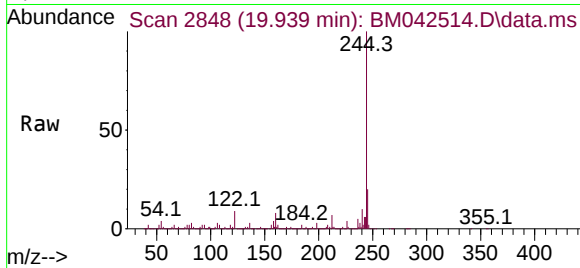




#79  
 Terphenyl-d14  
 Concen: 124.472 ng  
 RT: 19.939 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM042514.D  
 Acq: 31 Oct 2023 17:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB156500BL

Tgt Ion:244 Resp: 2217892  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.4 8.2  
 122 9.1 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: BM042514.D  
 Acq: 31 Oct 2023 17:07

Tgt Ion:264 Resp: 303627  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.0 28.4  
 265 23.2 18.7 28.1

