

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082224\  
 Data File : BM047313.D  
 Acq On : 22 Aug 2024 12:32  
 Operator : RC/JU  
 Sample : PB162757BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162757BL

Quant Time: Aug 22 13:38:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 11 23:47:58 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.351  | 152  | 292730   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.104 | 136  | 1111486  | 20.000  | ng    | -0.03    |
| 39) Acenaphthene-d10        | 14.010 | 164  | 771992   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 16.774 | 188  | 1724658  | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.015 | 240  | 1583438  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 23.709 | 264  | 1534865  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.010  | 112  | 1962459  | 119.790 | ng    | -0.01    |
| 7) Phenol-d6                | 6.569  | 99   | 2501470  | 110.813 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.504  | 82   | 1655941  | 75.019  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.527 | 330  | 1174894  | 131.253 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.621 | 172  | 3958679  | 79.099  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.445 | 244  | 7120475  | 96.357  | ng    | -0.02    |

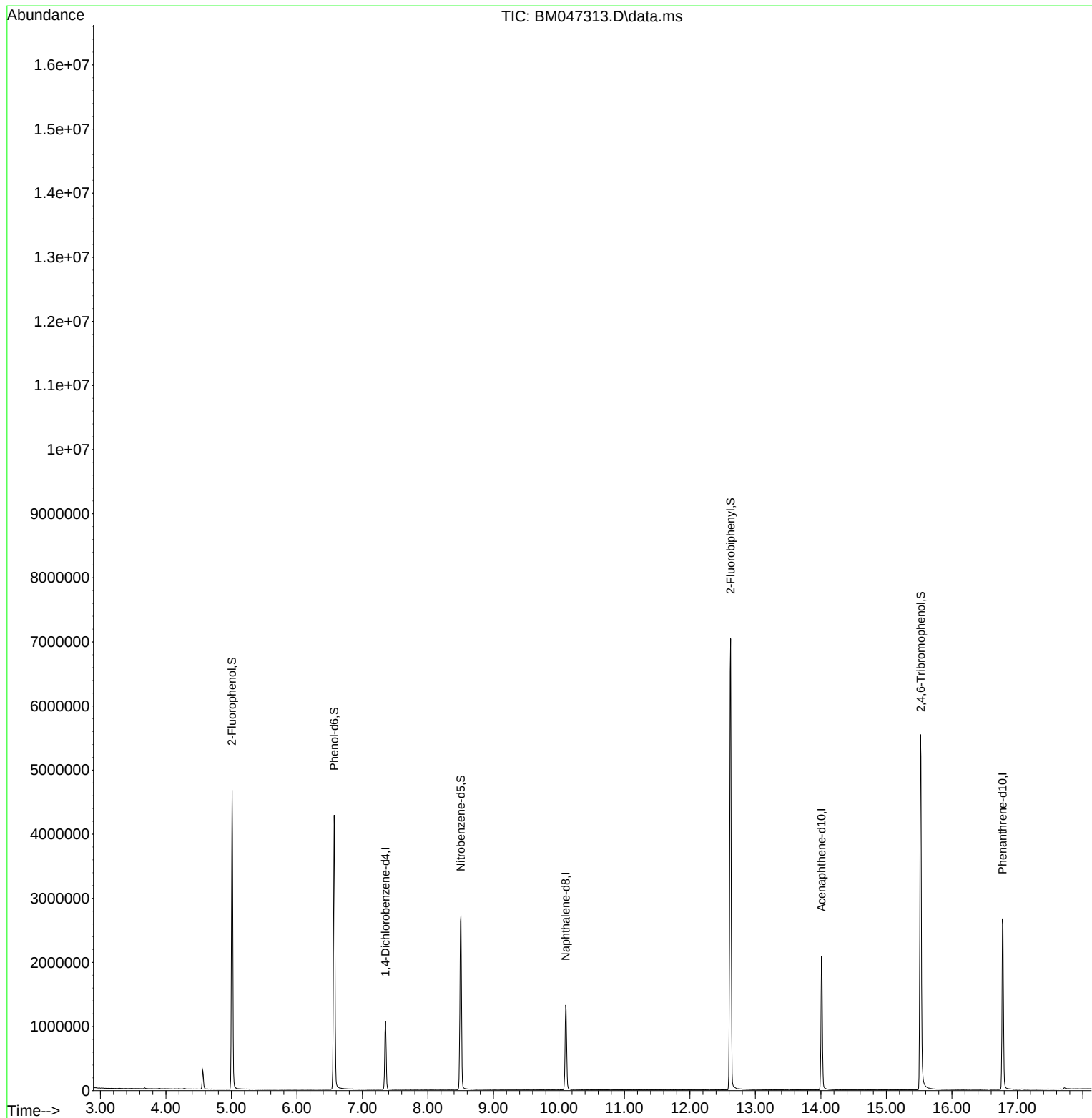
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082224\  
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Operator : RC/JU  
Sample : PB162757BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB162757BL

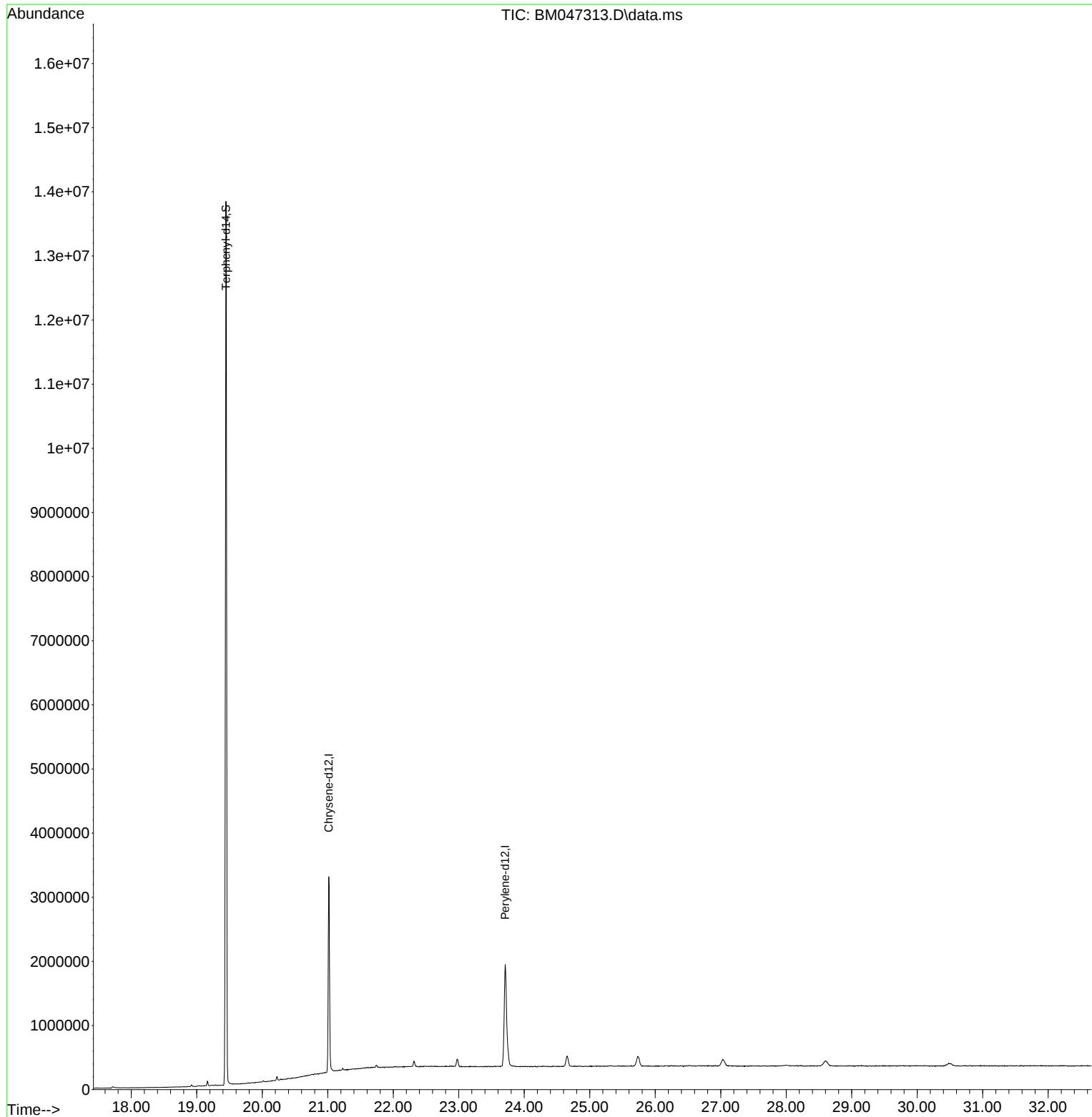
Quant Time: Aug 22 13:38:33 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 11 23:47:58 2024  
Response via : Initial Calibration

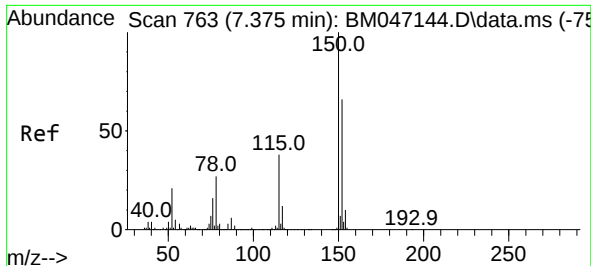


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082224\  
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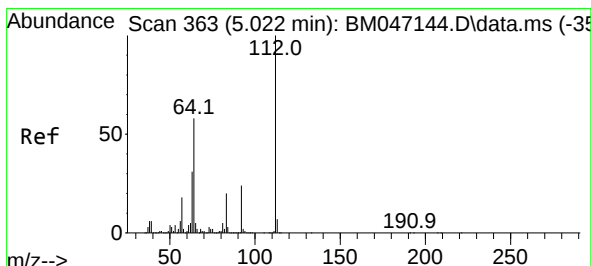
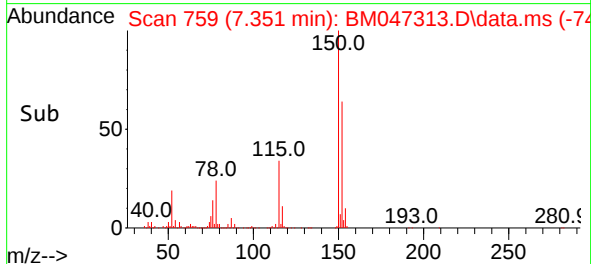
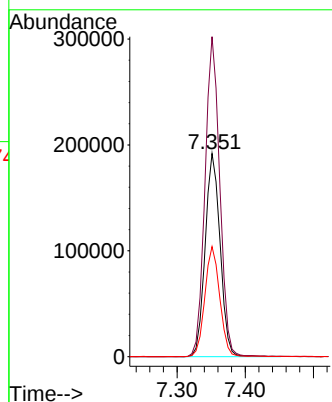
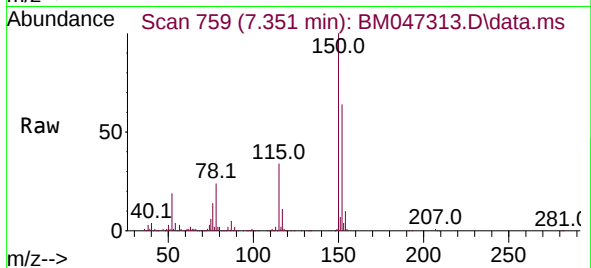




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.351 min Scan# 763  
Delta R.T. -0.024 min  
Lab File: BM047313.D  
Acq: 22 Aug 2024 12:32

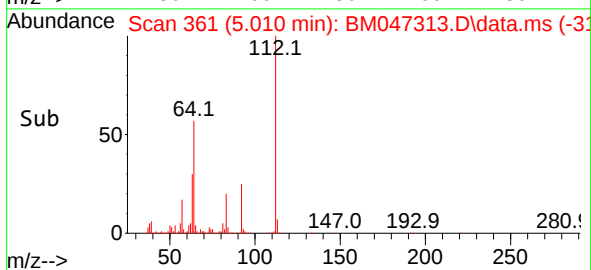
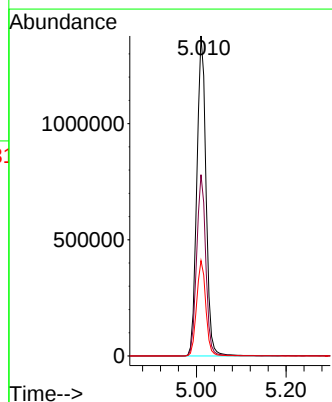
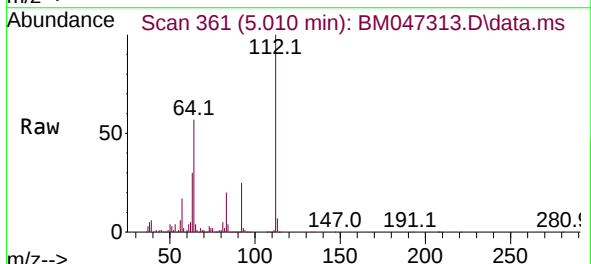
Instrument :  
BNA\_M  
ClientSampleId :  
PB162757BL

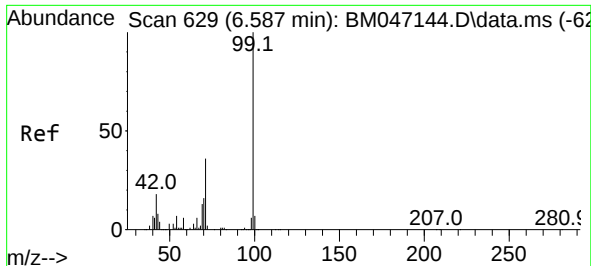
Tgt Ion:152 Resp: 292730  
Ion Ratio Lower Upper  
152 100  
150 157.4 120.5 180.7  
115 54.1 45.5 68.3



#5  
2-Fluorophenol  
Concen: 119.790 ng  
RT: 5.010 min Scan# 361  
Delta R.T. -0.012 min  
Lab File: BM047313.D  
Acq: 22 Aug 2024 12:32

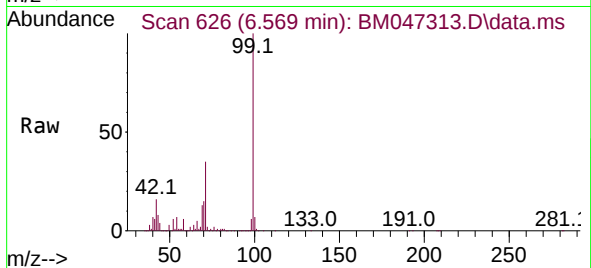
Tgt Ion:112 Resp: 1962459  
Ion Ratio Lower Upper  
112 100  
64 56.7 46.7 70.1  
63 29.8 24.8 37.2





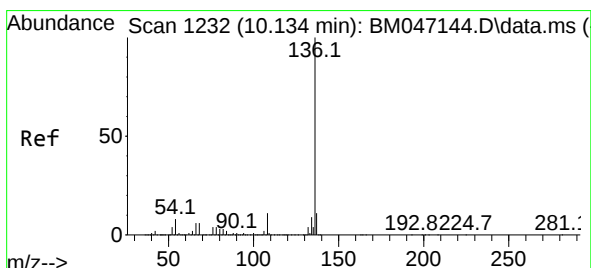
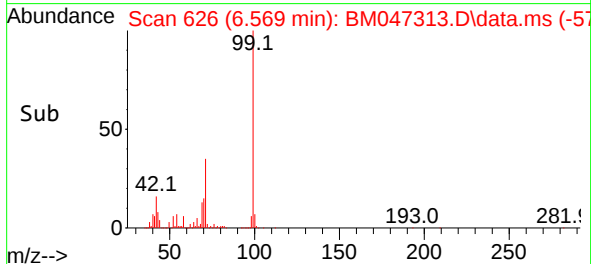
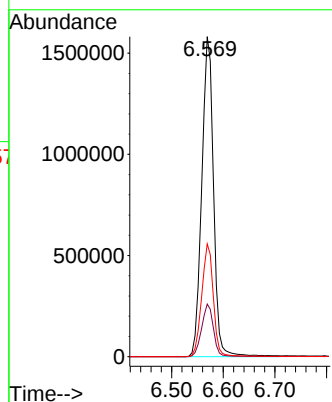
#7  
Phenol-d6  
Concen: 110.813 ng  
RT: 6.569 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM047313.D  
Acq: 22 Aug 2024 12:32

Instrument :  
BNA\_M  
ClientSampleId :  
PB162757BL



Tgt Ion: 99 Resp: 2501470

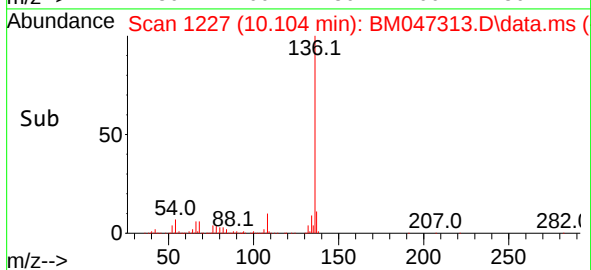
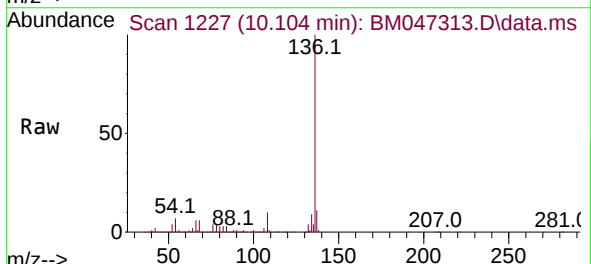
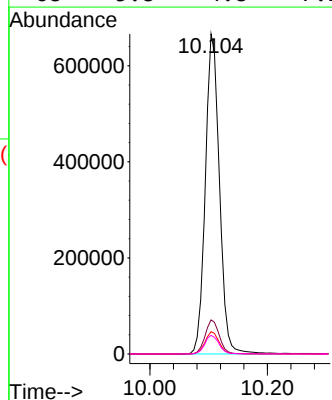
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.4  | 14.1  | 21.1  |
| 71  | 35.2  | 28.5  | 42.7  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.104 min Scan# 1227  
Delta R.T. -0.030 min  
Lab File: BM047313.D  
Acq: 22 Aug 2024 12:32

Tgt Ion: 136 Resp: 1111486

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.8   | 13.2  |
| 54  | 6.9   | 6.0   | 9.0   |
| 68  | 5.8   | 4.8   | 7.2   |





#23

Nitrobenzene-d5

Concen: 75.019 ng

RT: 8.504 min Scan# 91

Delta R.T. -0.018 min

Lab File: BM047313.D

Acq: 22 Aug 2024 12:32

Instrument :

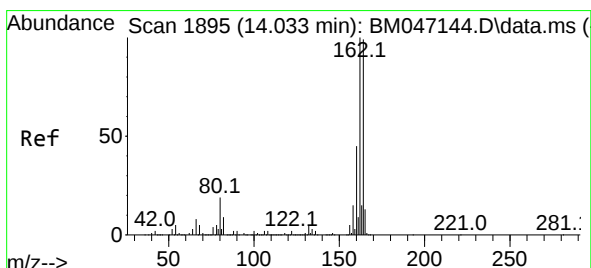
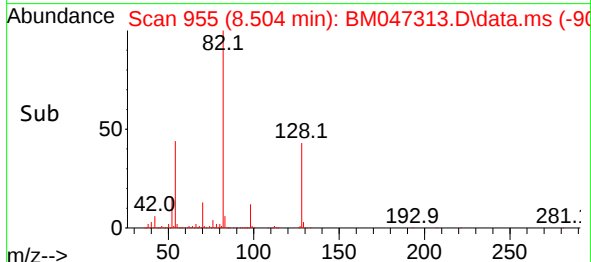
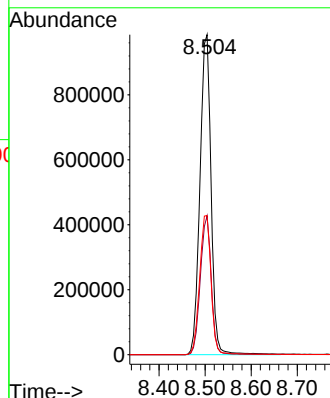
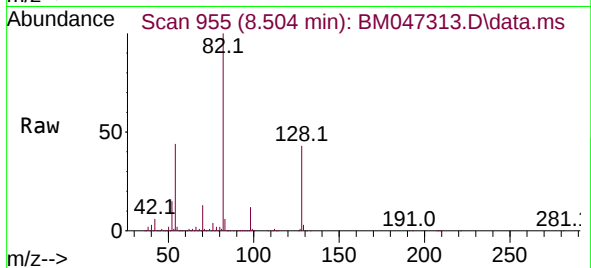
BNA\_M

ClientSampleId :

PB162757BL

Tgt Ion: 82 Resp: 1655941

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.4  | 32.3  | 48.5  |
| 54  | 43.5  | 37.4  | 56.2  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.010 min Scan# 1891

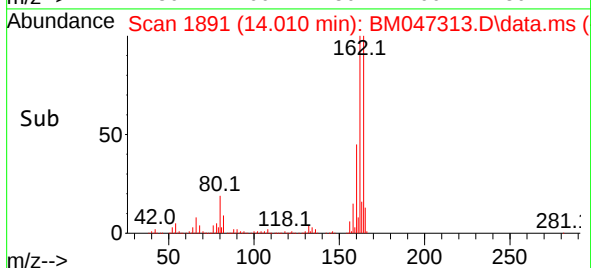
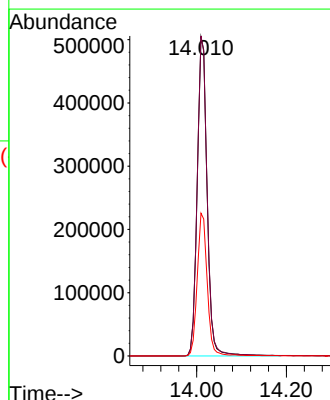
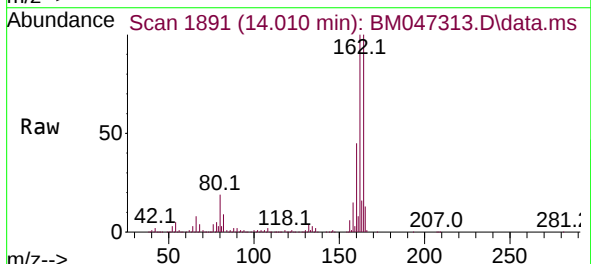
Delta R.T. -0.024 min

Lab File: BM047313.D

Acq: 22 Aug 2024 12:32

Tgt Ion: 164 Resp: 771992

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.3 | 80.7  | 121.1 |
| 160 | 44.8  | 36.0  | 54.0  |





#42

2,4,6-Tribromophenol

Concen: 131.253 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047313.D

Acq: 22 Aug 2024 12:32

Instrument :

BNA\_M

ClientSampleId :

PB162757BL

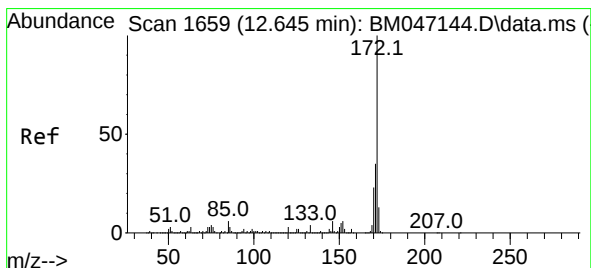
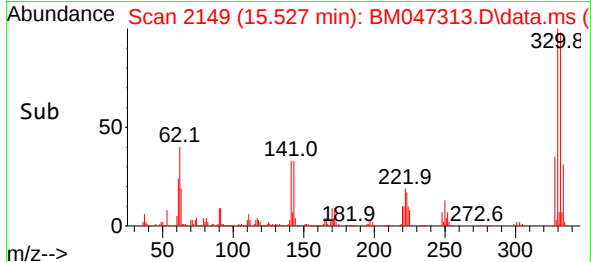
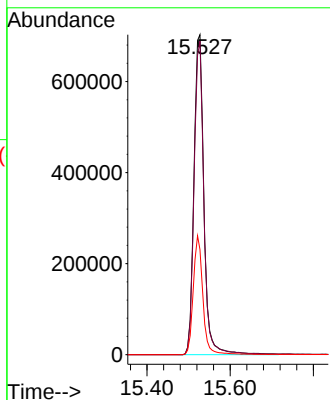
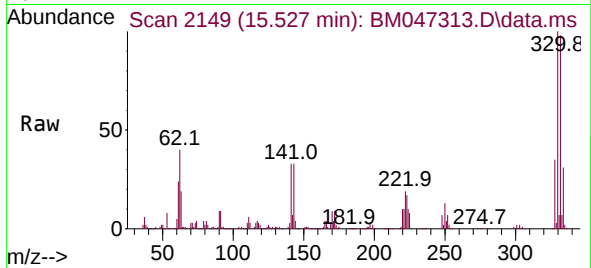
Tgt Ion:330 Resp: 1174894

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

141 35.7 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 79.099 ng

RT: 12.621 min Scan# 1655

Delta R.T. -0.024 min

Lab File: BM047313.D

Acq: 22 Aug 2024 12:32

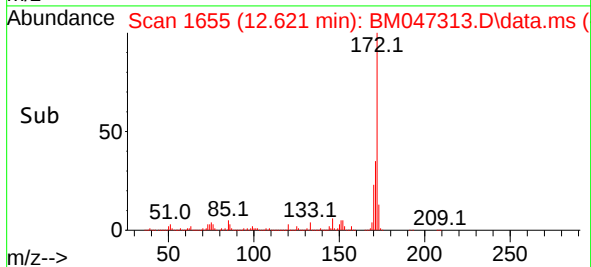
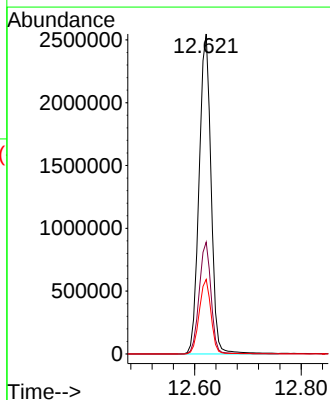
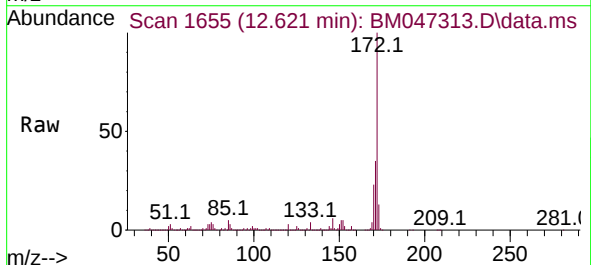
Tgt Ion:172 Resp: 3958679

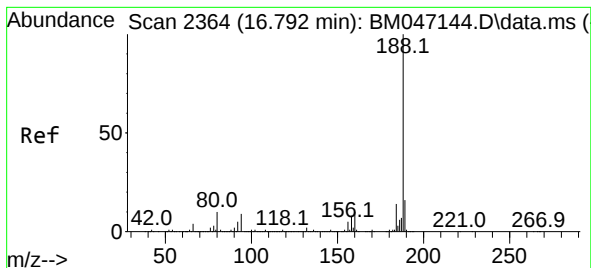
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047313.D

Acq: 22 Aug 2024 12:32

Instrument :

BNA\_M

ClientSampleId :

PB162757BL

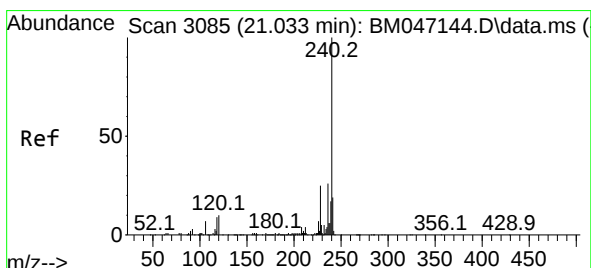
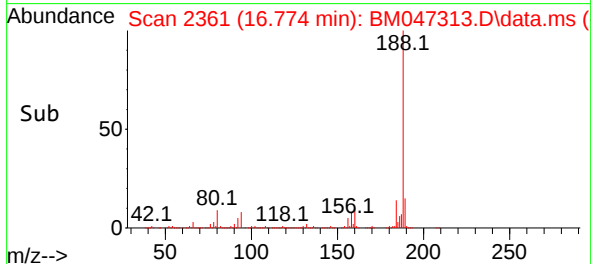
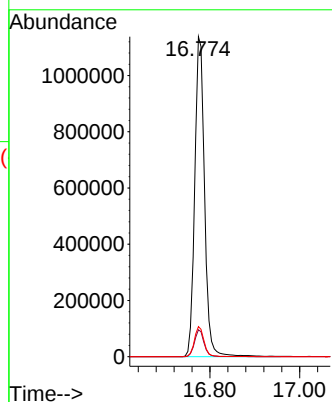
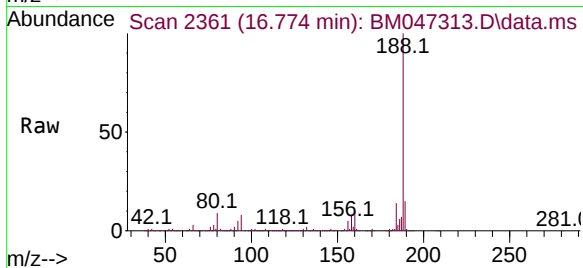
Tgt Ion:188 Resp: 1724658

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.4 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM047313.D

Acq: 22 Aug 2024 12:32

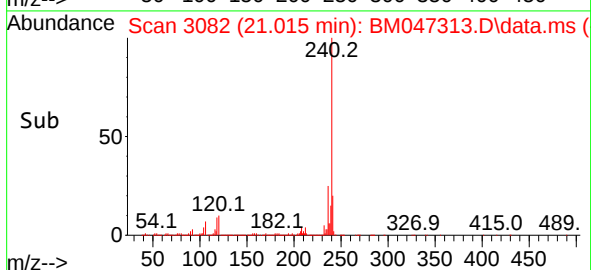
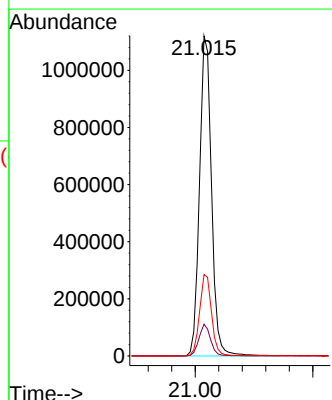
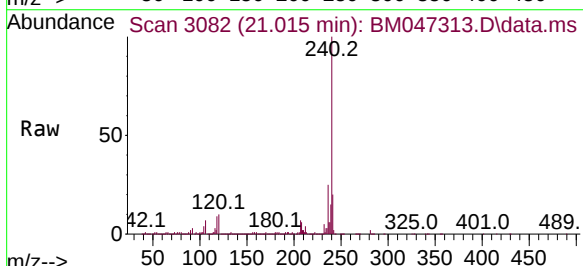
Tgt Ion:240 Resp: 1583438

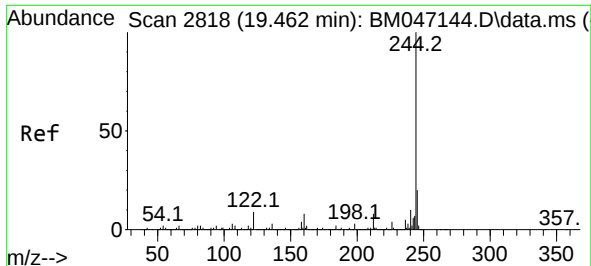
Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

236 25.5 20.6 30.8

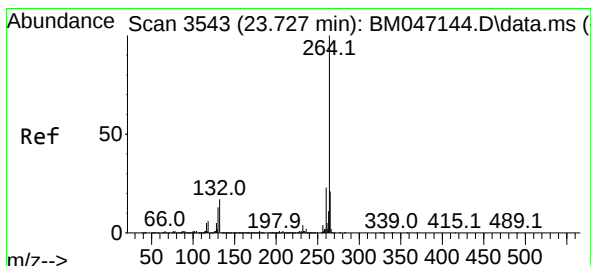
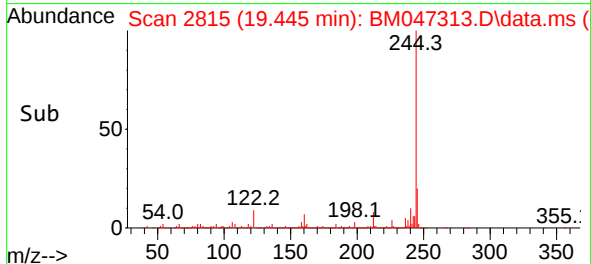
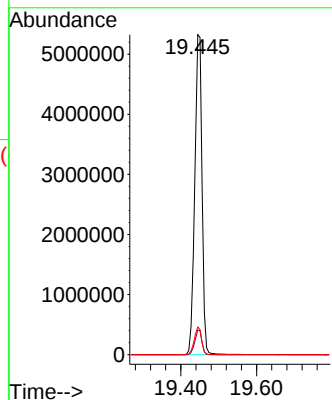
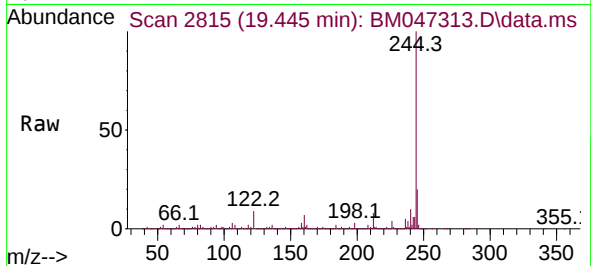




#79  
 Terphenyl-d14  
 Concen: 96.357 ng  
 RT: 19.445 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BM047313.D  
 Acq: 22 Aug 2024 12:32

Instrument :  
 BNA\_M  
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 PB162757BL

Tgt Ion:244 Resp: 7120475  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.2 9.4  
 122 8.7 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.709 min Scan# 3540  
 Delta R.T. -0.018 min  
 Lab File: BM047313.D  
 Acq: 22 Aug 2024 12:32

Tgt Ion:264 Resp: 1534865  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 18.5 27.7  
 265 22.0 17.3 25.9

