

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081524\  
 Data File : BM047193.D  
 Acq On : 14 Aug 2024 16:10  
 Operator : RC/JU  
 Sample : PB162602BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162602BL

Quant Time: Aug 14 17:19:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 14 17:18:06 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.369  | 152  | 463084   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.122 | 136  | 1836037  | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.027 | 164  | 1289051  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.786 | 188  | 2686004  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.021 | 240  | 1987908  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 23.715 | 264  | 2013715  | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.022  | 112  | 2482382  | 95.784 | ng    | 0.00     |
| 7) Phenol-d6                | 6.581  | 99   | 3281598  | 91.894 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.516  | 82   | 2185979  | 59.950 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.533 | 330  | 1293867  | 86.565 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.633 | 172  | 4781447  | 57.217 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.456 | 244  | 6751724  | 72.777 | ng    | 0.00     |

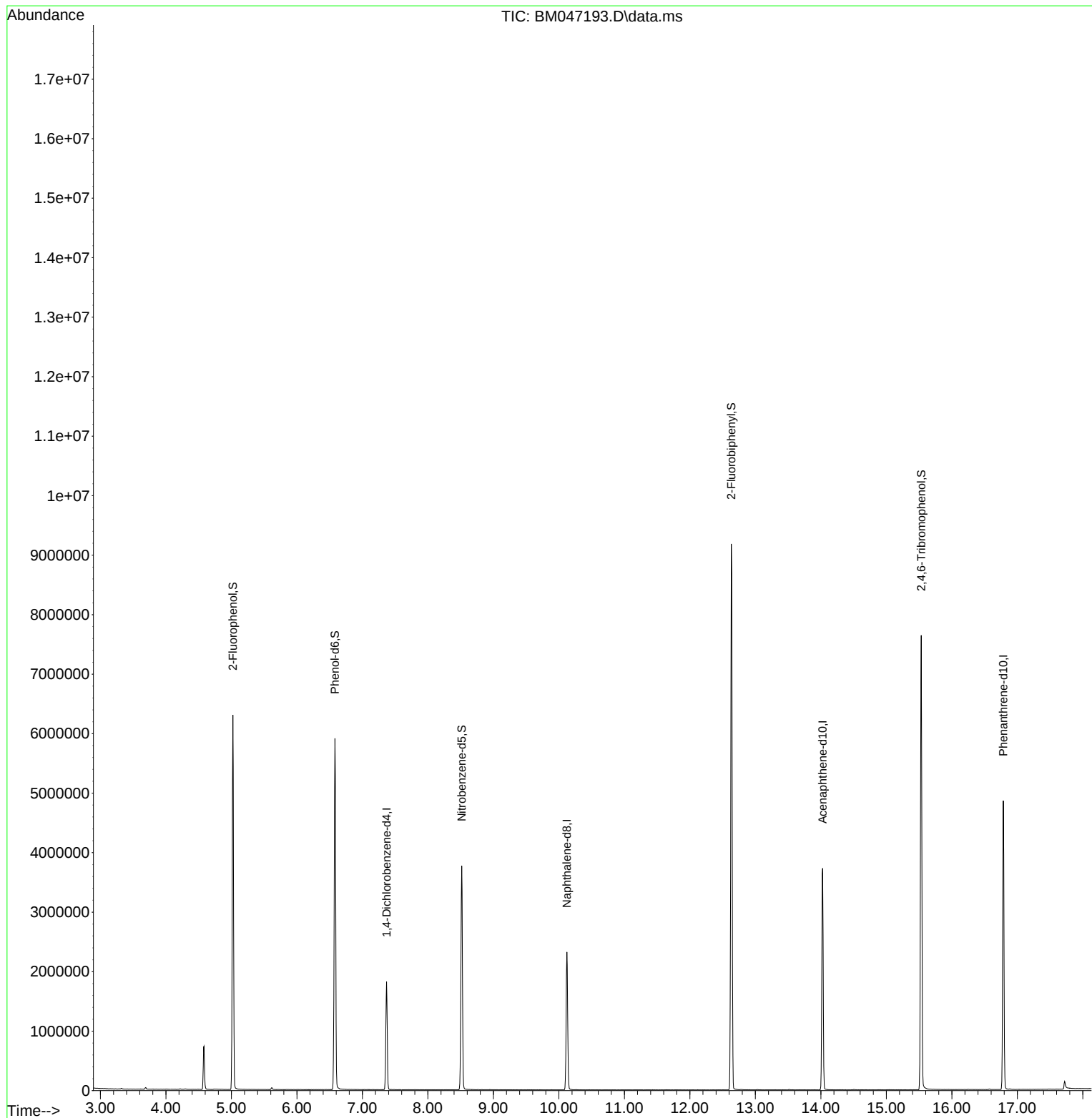
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :  
PB162602BL

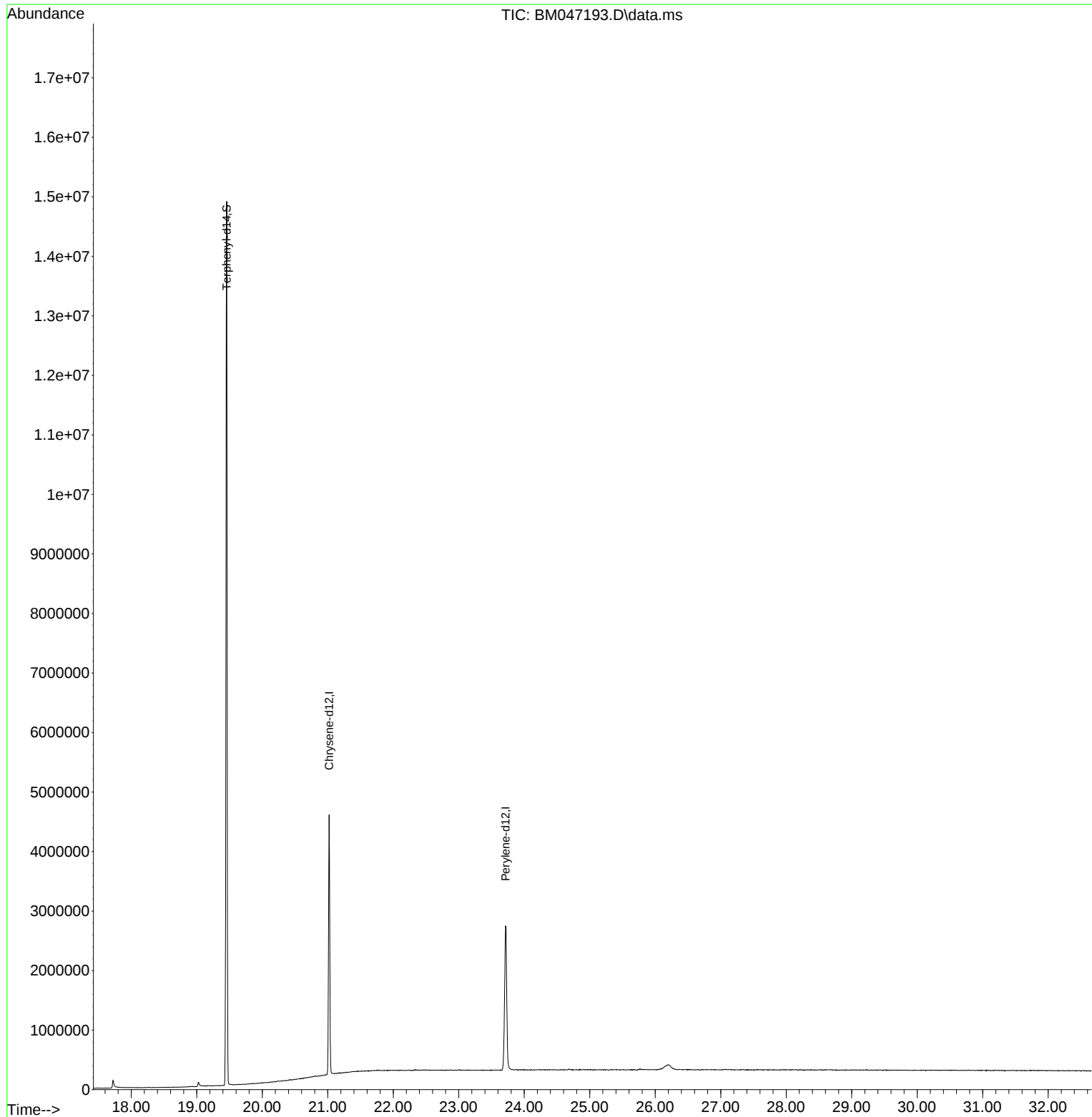
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 14 17:18:06 2024  
Response via : Initial Calibration

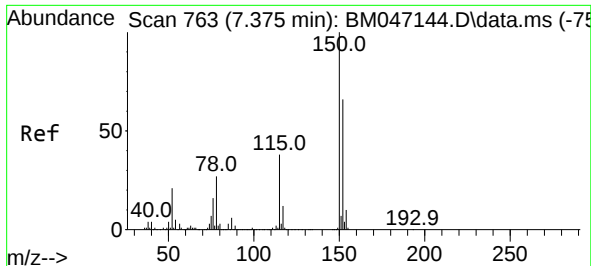


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081524\  
Data File : BM047193.D  
Acq On : 14 Aug 2024 16:10  
Operator : RC/JU  
Sample : PB162602BL  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Quant Time: Aug 14 17:19:40 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
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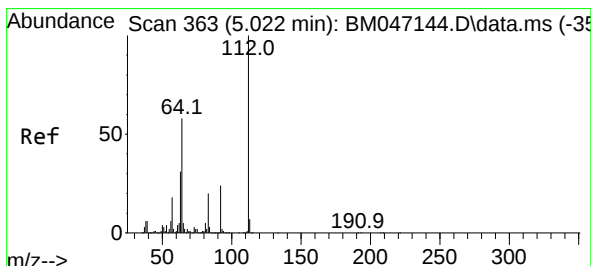
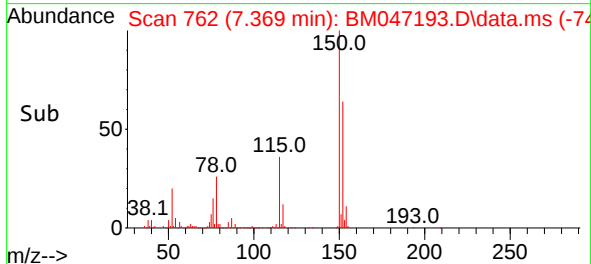
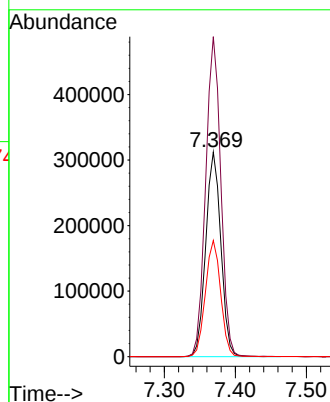
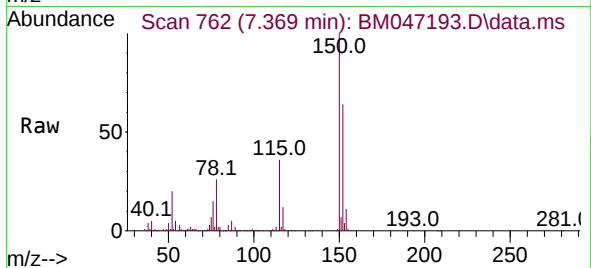




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.369 min Scan# 762  
Delta R.T. -0.006 min  
Lab File: BM047193.D  
Acq: 14 Aug 2024 16:10

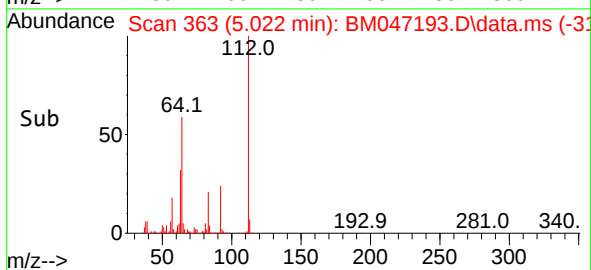
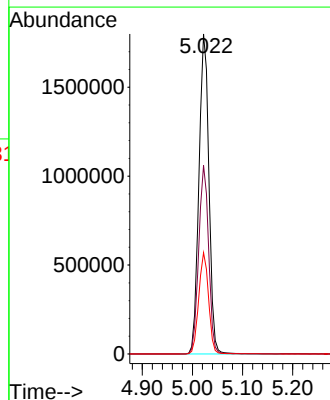
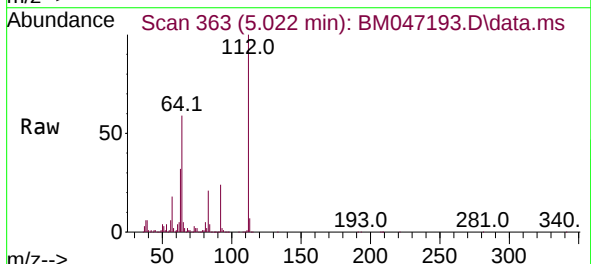
Instrument :  
BNA\_M  
ClientSampleId :  
PB162602BL

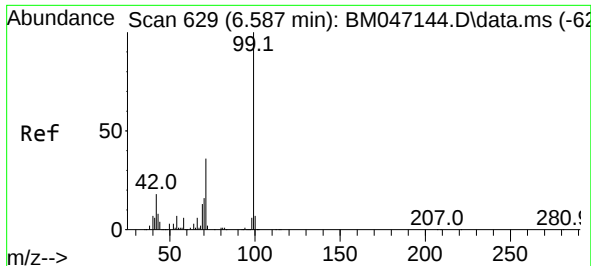
Tgt Ion:152 Resp: 463084  
Ion Ratio Lower Upper  
152 100  
150 156.4 120.5 180.7  
115 56.8 45.5 68.3



#5  
2-Fluorophenol  
Concen: 95.784 ng  
RT: 5.022 min Scan# 363  
Delta R.T. -0.000 min  
Lab File: BM047193.D  
Acq: 14 Aug 2024 16:10

Tgt Ion:112 Resp: 2482382  
Ion Ratio Lower Upper  
112 100  
64 58.9 46.7 70.1  
63 31.6 24.8 37.2



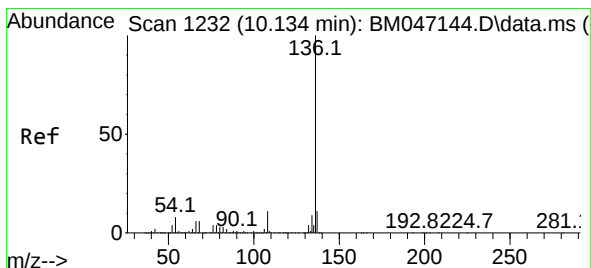
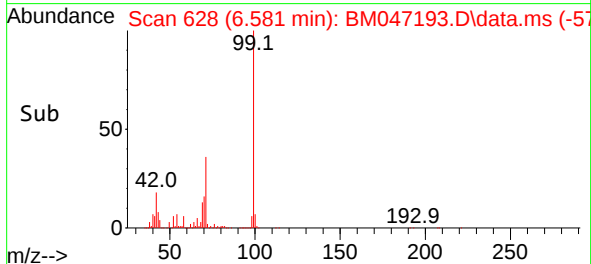
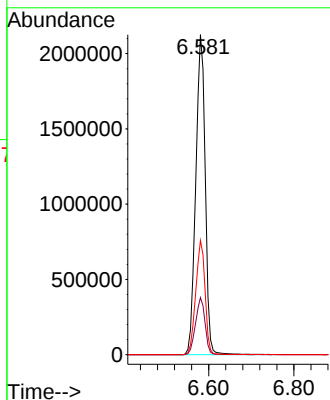
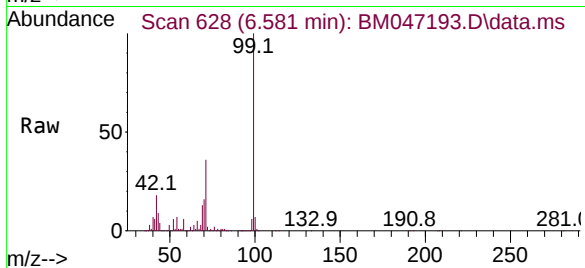


#7  
Phenol-d6  
Concen: 91.894 ng  
RT: 6.581 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM047193.D  
Acq: 14 Aug 2024 16:10

Instrument :  
BNA\_M  
ClientSampleId :  
PB162602BL

Tgt Ion: 99 Resp: 3281598

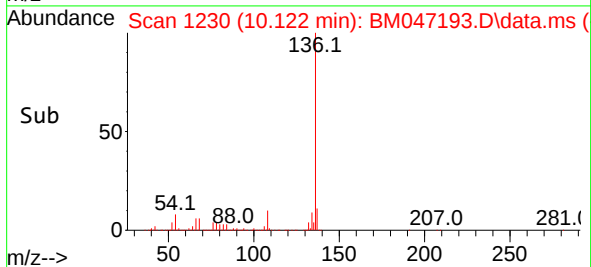
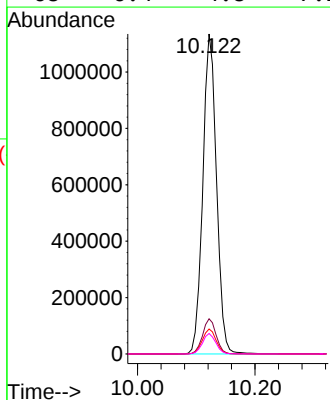
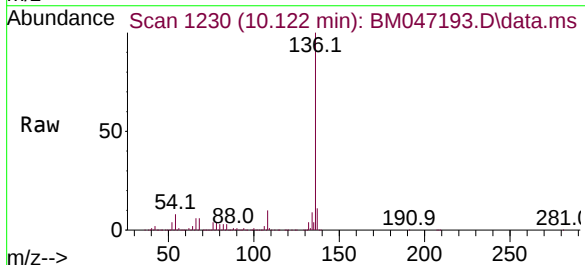
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.8  | 14.1  | 21.1  |
| 71  | 35.7  | 28.5  | 42.7  |

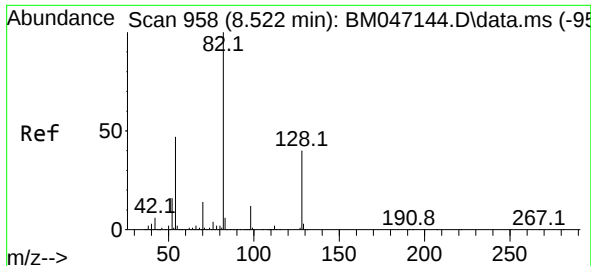


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.122 min Scan# 1230  
Delta R.T. -0.012 min  
Lab File: BM047193.D  
Acq: 14 Aug 2024 16:10

Tgt Ion: 136 Resp: 1836037

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 7.8   | 6.0   | 9.0   |
| 68  | 6.4   | 4.8   | 7.2   |

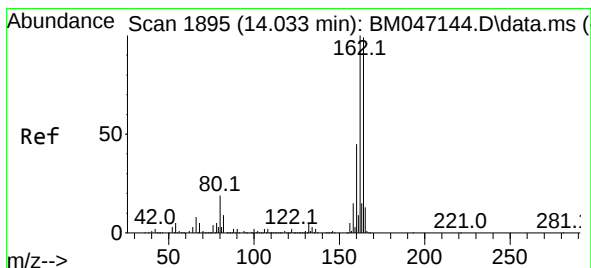
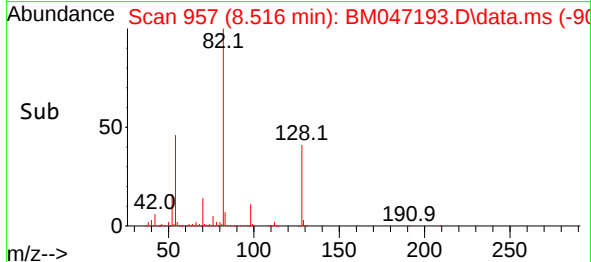
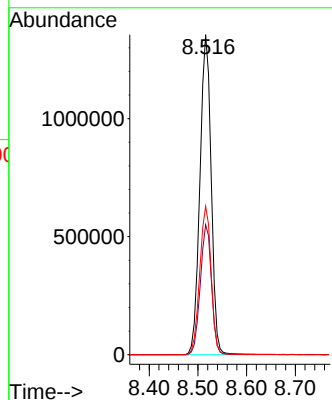
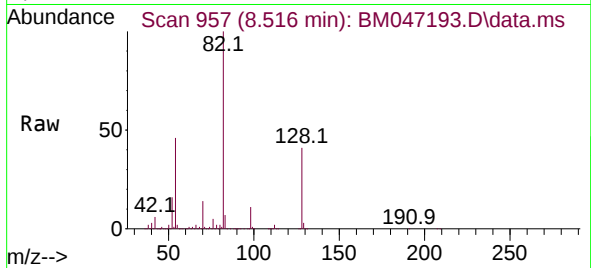




#23  
Nitrobenzene-d5  
Concen: 59.950 ng  
RT: 8.516 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM047193.D  
Acq: 14 Aug 2024 16:10

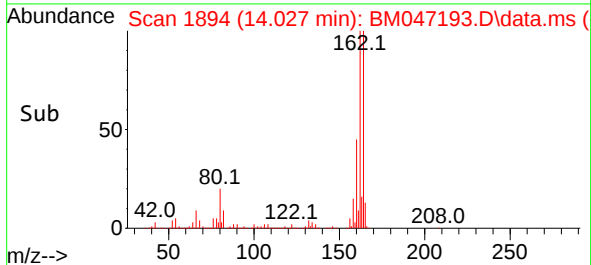
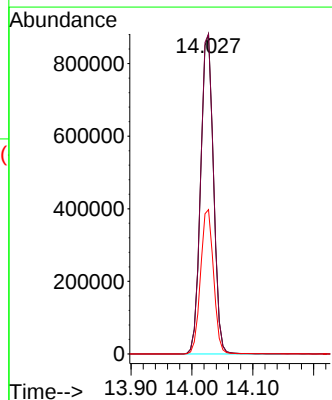
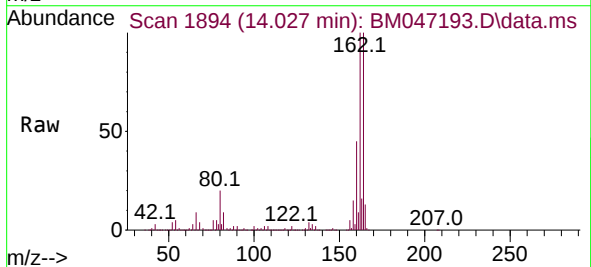
Instrument :  
BNA\_M  
ClientSampleId :  
PB162602BL

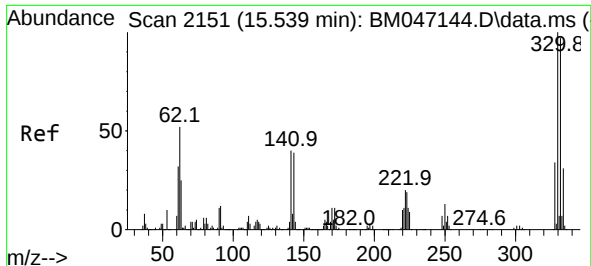
Tgt Ion: 82 Resp: 2185979  
Ion Ratio Lower Upper  
82 100  
128 40.6 32.3 48.5  
54 46.3 37.4 56.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.027 min Scan# 1894  
Delta R.T. -0.006 min  
Lab File: BM047193.D  
Acq: 14 Aug 2024 16:10

Tgt Ion: 164 Resp: 1289051  
Ion Ratio Lower Upper  
164 100  
162 100.1 80.7 121.1  
160 45.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 86.565 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047193.D

Acq: 14 Aug 2024 16:10

Instrument :

BNA\_M

ClientSampleId :

PB162602BL

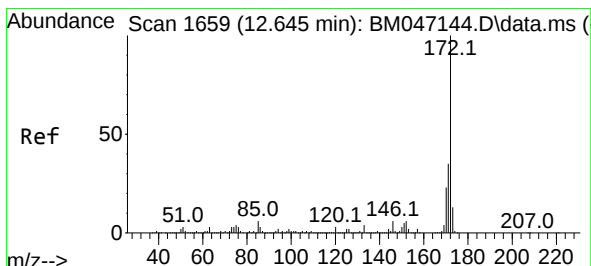
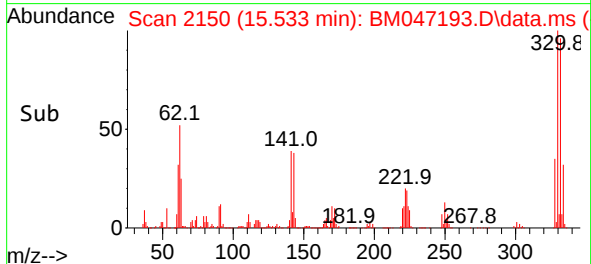
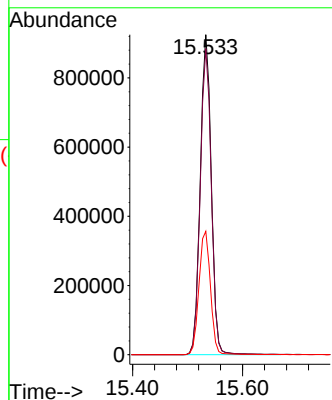
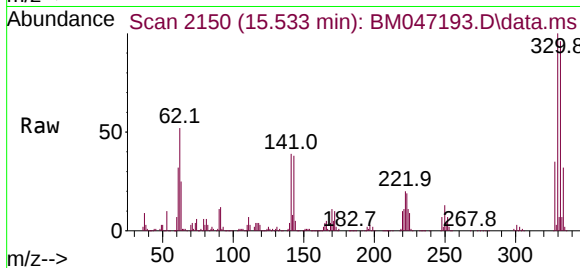
Tgt Ion:330 Resp: 1293867

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

141 40.2 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 57.217 ng

RT: 12.633 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BM047193.D

Acq: 14 Aug 2024 16:10

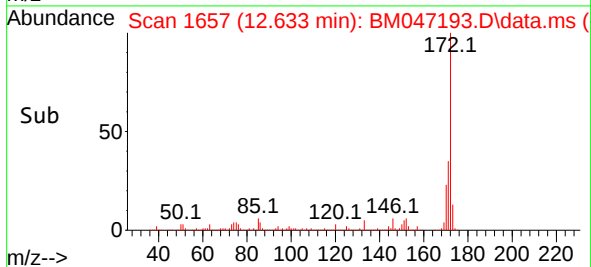
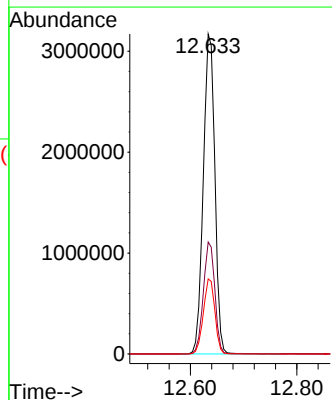
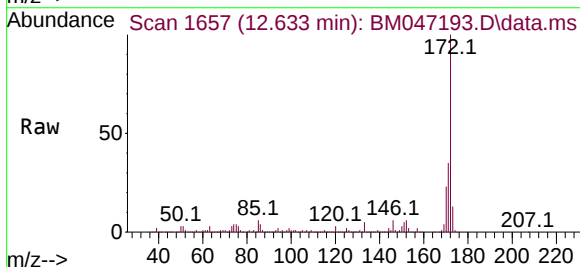
Tgt Ion:172 Resp: 4781447

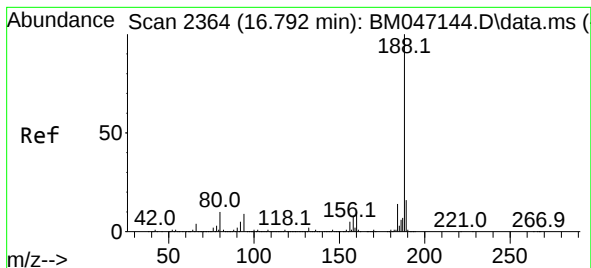
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047193.D

Acq: 14 Aug 2024 16:10

Instrument :

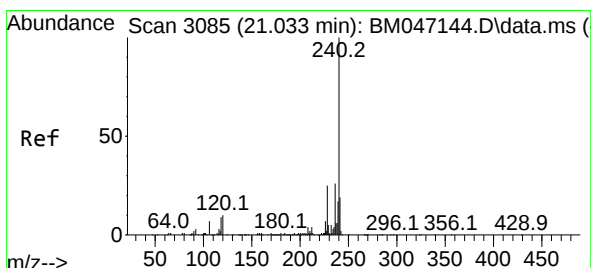
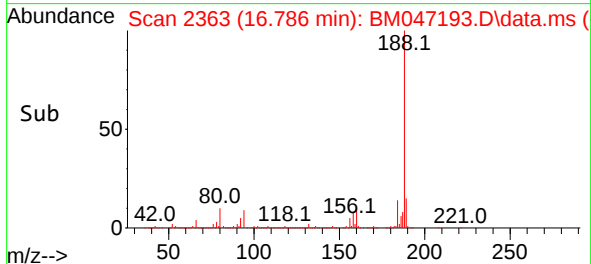
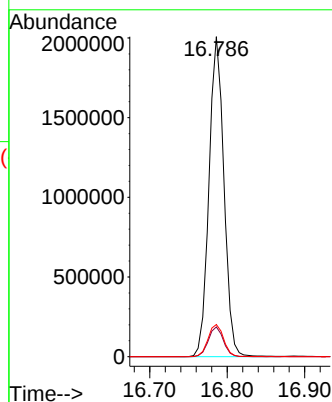
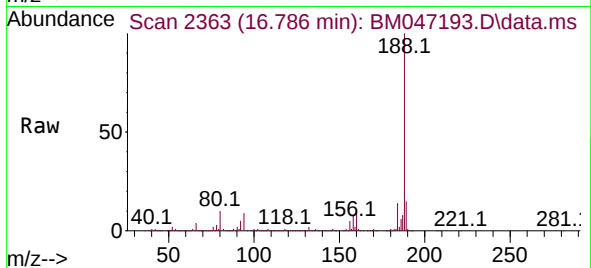
BNA\_M

ClientSampleId :

PB162602BL

Tgt Ion:188 Resp: 2686004

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.3   | 7.0   | 10.6  |
| 80  | 10.1  | 8.0   | 12.0  |



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

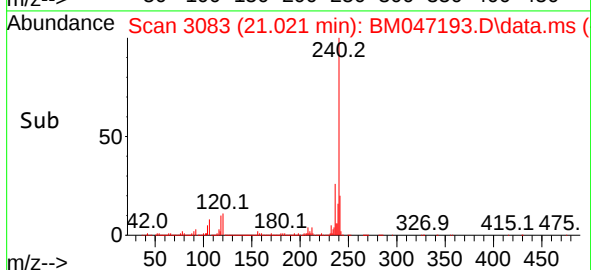
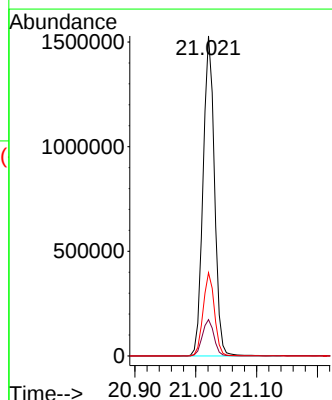
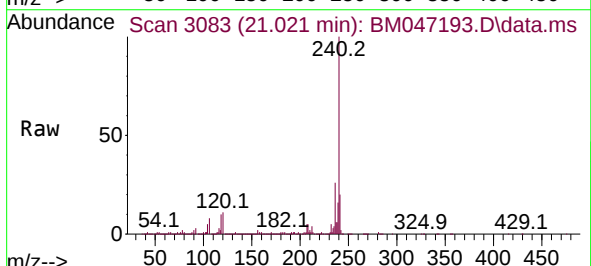
Delta R.T. -0.012 min

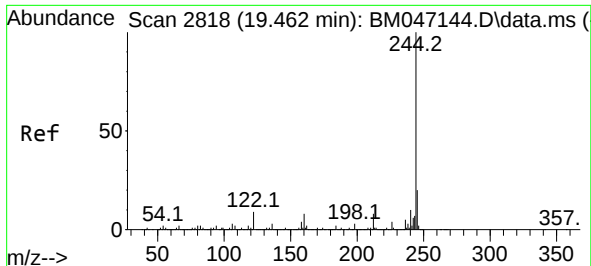
Lab File: BM047193.D

Acq: 14 Aug 2024 16:10

Tgt Ion:240 Resp: 1987908

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.3  | 8.2   | 12.2  |
| 236 | 26.0  | 20.6  | 30.8  |

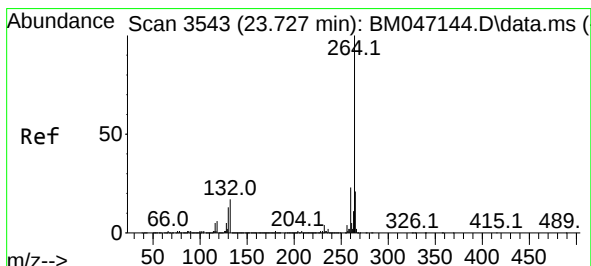
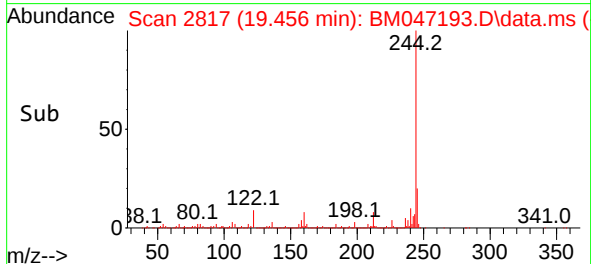
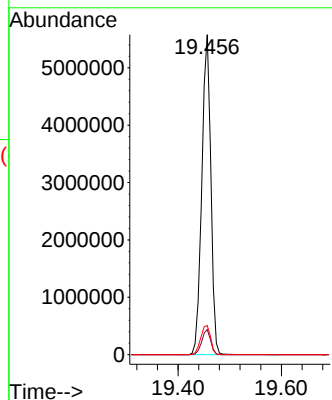
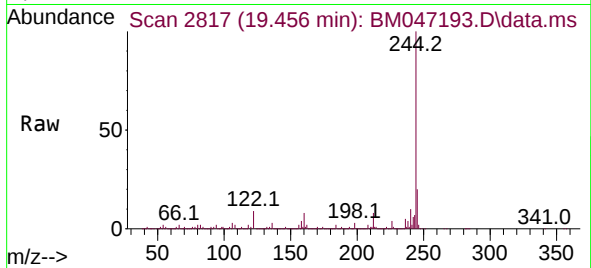




#79  
 Terphenyl-d14  
 Concen: 72.777 ng  
 RT: 19.456 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047193.D  
 Acq: 14 Aug 2024 16:10

Instrument :  
 BNA\_M  
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 PB162602BL

Tgt Ion:244 Resp: 6751724  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.2 9.4  
 122 9.1 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.715 min Scan# 3541  
 Delta R.T. -0.012 min  
 Lab File: BM047193.D  
 Acq: 14 Aug 2024 16:10

Tgt Ion:264 Resp: 2013715  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.5 27.7  
 265 21.8 17.3 25.9

