

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082024\  
 Data File : BM047264.D  
 Acq On : 20 Aug 2024 09:51  
 Operator : RC/JU  
 Sample : PB162798BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162798BL

Quant Time: Aug 20 10:59:21 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   | 7.363  | 152  | 275628   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.116 | 136  | 1036930  | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.021 | 164  | 708027   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 16.786 | 188  | 1582815  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.027 | 240  | 1612647  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.727 | 264  | 1505102  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.016  | 112  | 1840679  | 119.328 | ng    | 0.00     |
| 7) Phenol-d6                | 6.575  | 99   | 2356989  | 110.891 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.510  | 82   | 1554871  | 75.504  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.533 | 330  | 1095540  | 133.445 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.627 | 172  | 3664588  | 79.838  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.456 | 244  | 6641557  | 88.248  | ng    | 0.00     |

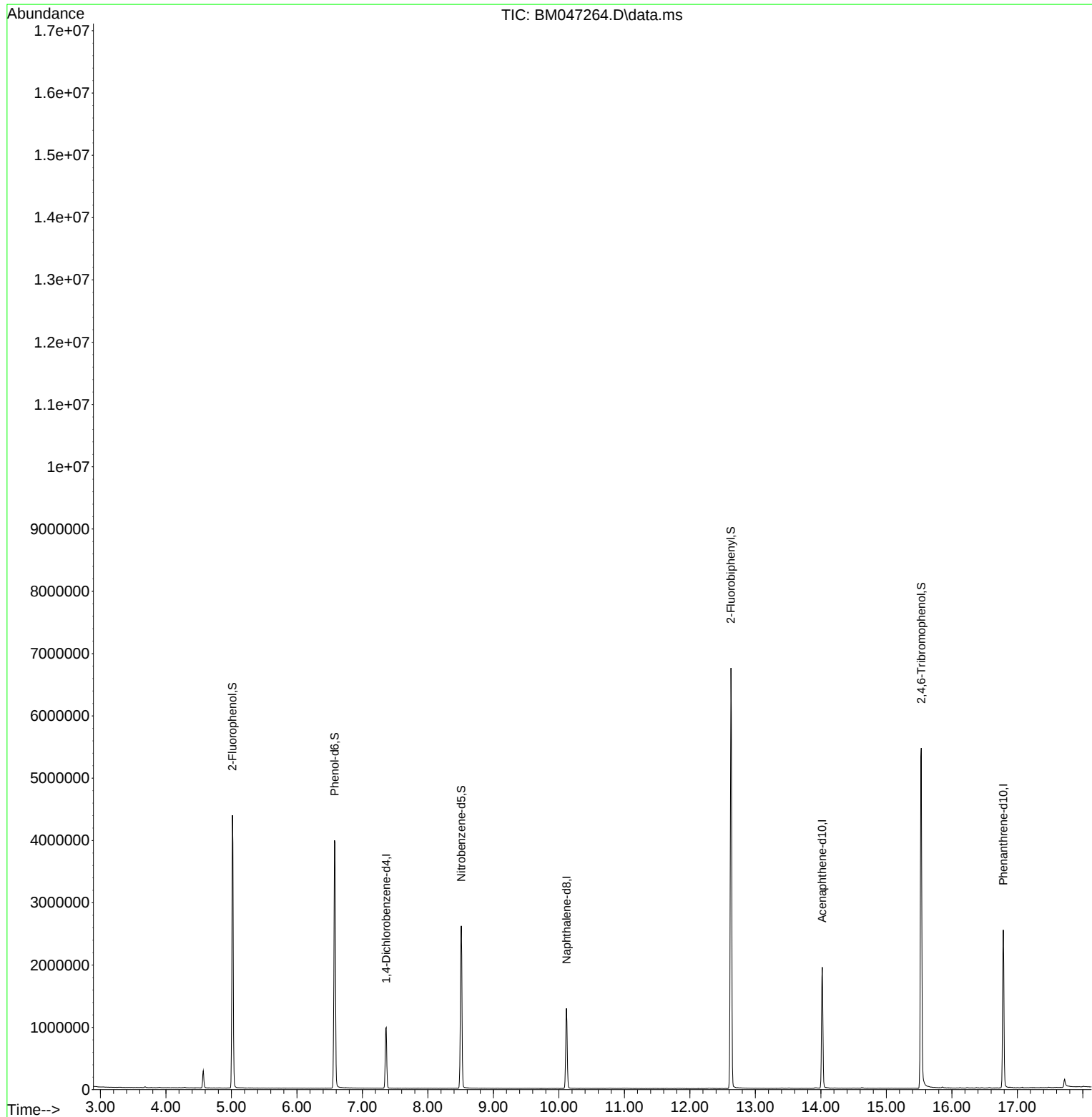
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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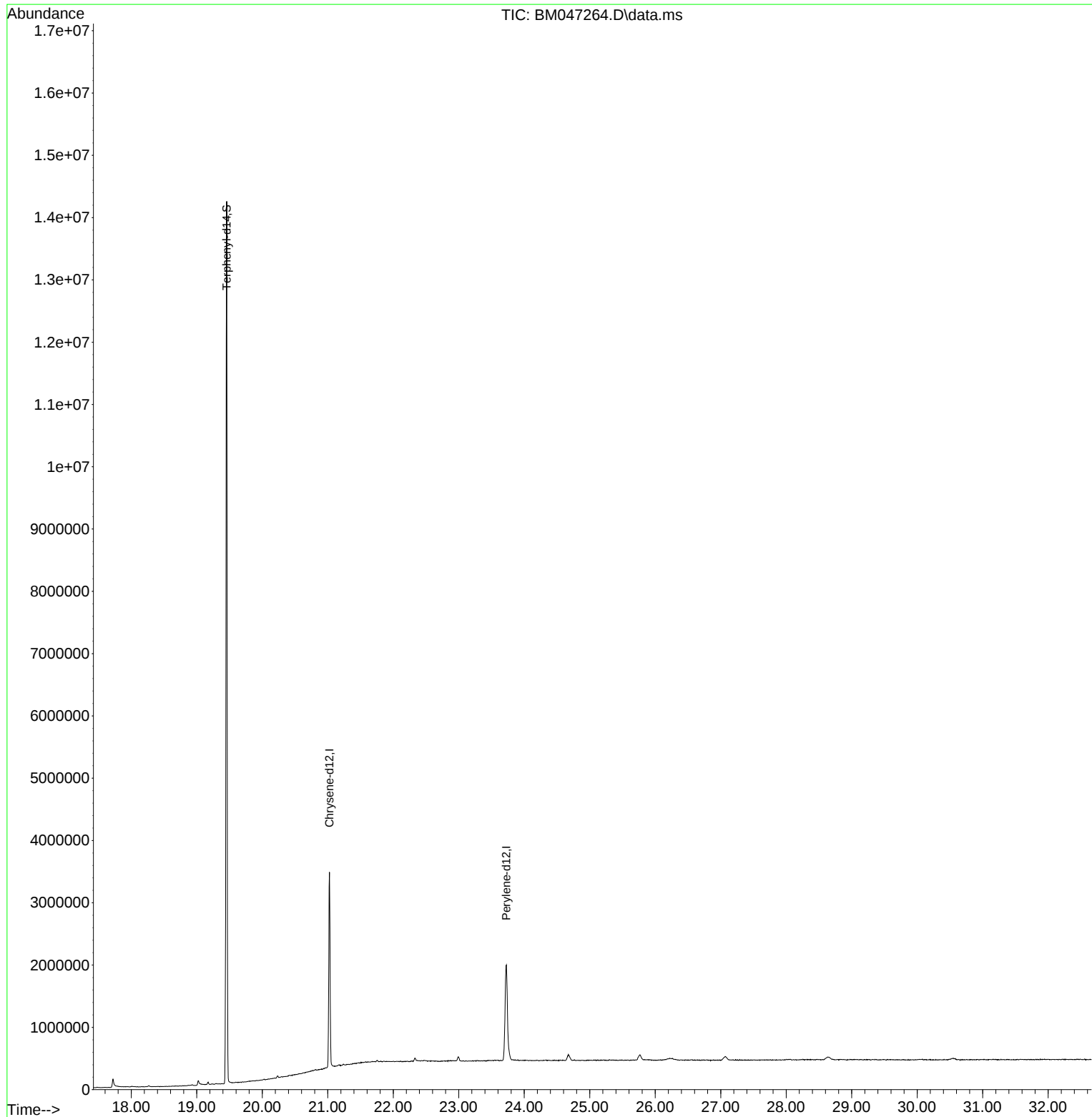
Quant Time: Aug 20 10:59:21 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 11 23:47:58 2024  
Response via : Initial Calibration

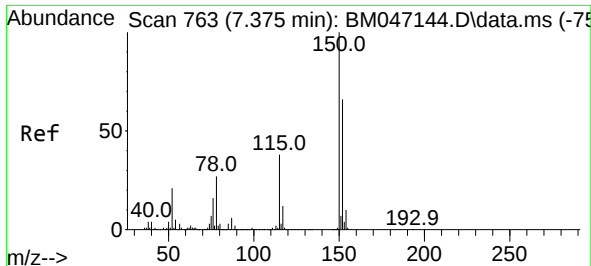


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082024\  
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BNA\_M  
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Quant Time: Aug 20 10:59:21 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
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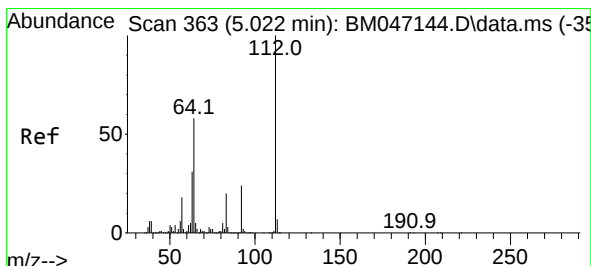
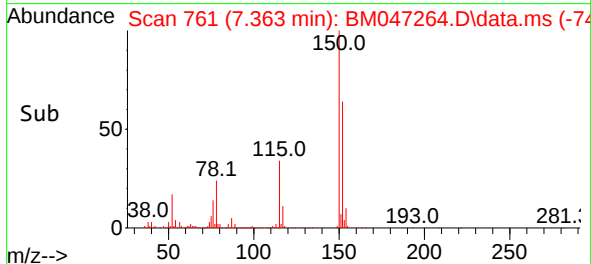
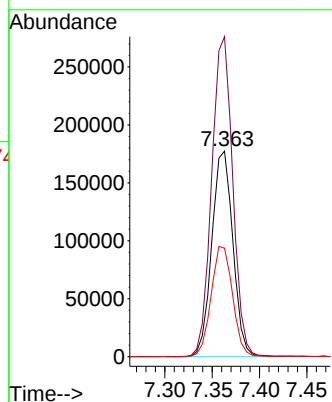
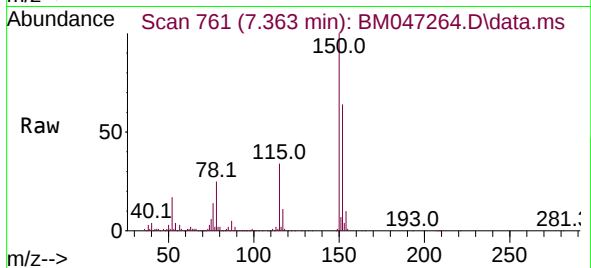




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.363 min Scan# 70  
Delta R.T. -0.012 min  
Lab File: BM047264.D  
Acq: 20 Aug 2024 09:51

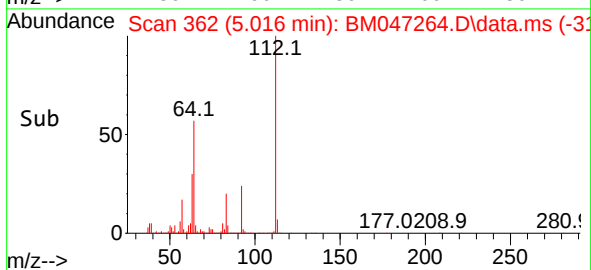
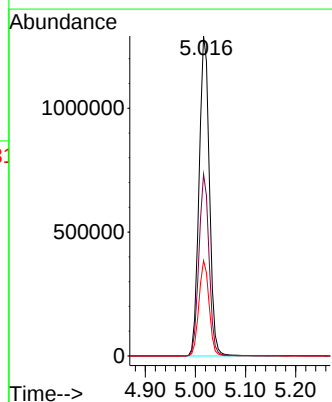
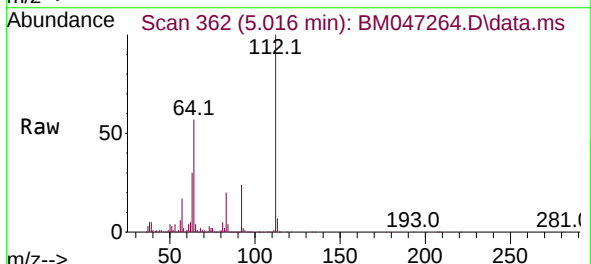
Instrument :  
BNA\_M  
ClientSampleId :  
PB162798BL

Tgt Ion:152 Resp: 275628  
Ion Ratio Lower Upper  
152 100  
150 155.7 120.5 180.7  
115 52.8 45.5 68.3



#5  
2-Fluorophenol  
Concen: 119.328 ng  
RT: 5.016 min Scan# 362  
Delta R.T. -0.006 min  
Lab File: BM047264.D  
Acq: 20 Aug 2024 09:51

Tgt Ion:112 Resp: 1840679  
Ion Ratio Lower Upper  
112 100  
64 56.8 46.7 70.1  
63 29.8 24.8 37.2



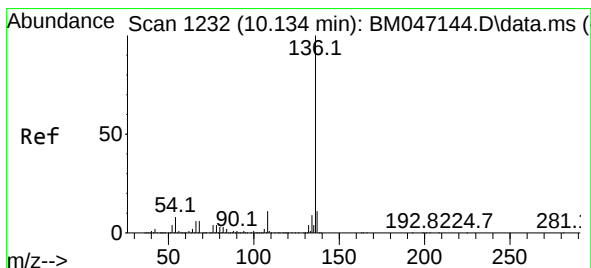
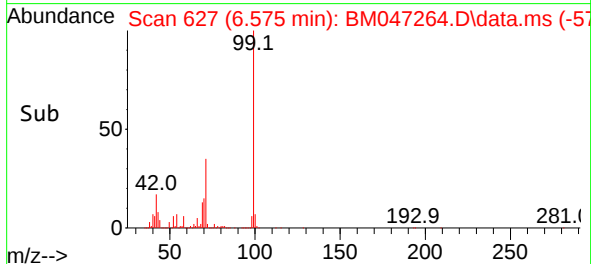
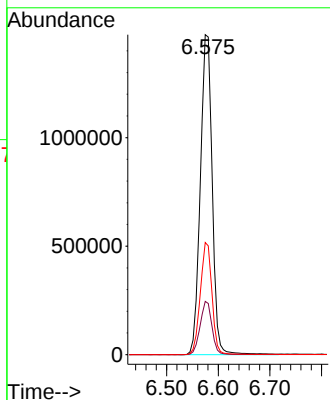
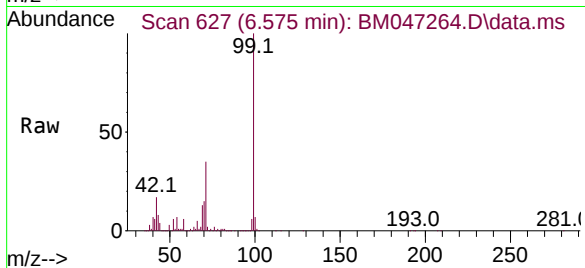


#7  
Phenol-d6  
Concen: 110.891 ng  
RT: 6.575 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM047264.D  
Acq: 20 Aug 2024 09:51

Instrument :  
BNA\_M  
ClientSampleId :  
PB162798BL

Tgt Ion: 99 Resp: 2356989

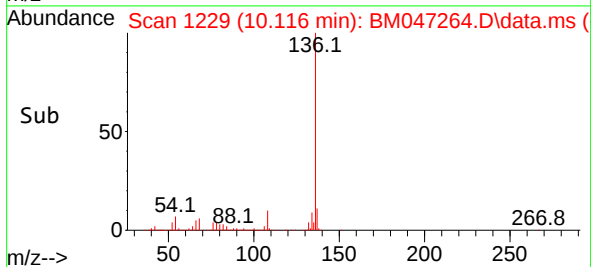
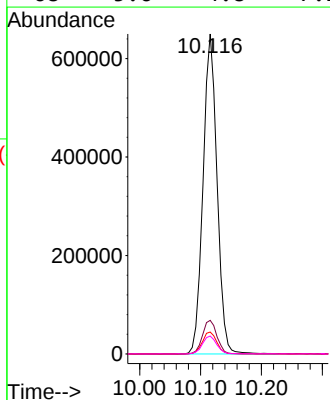
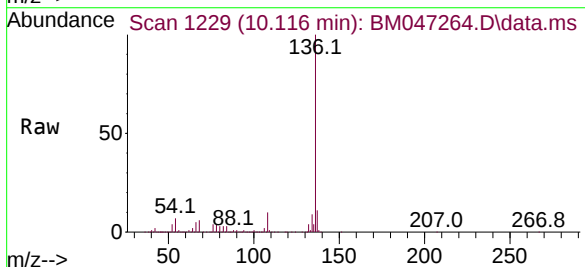
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.7  | 14.1  | 21.1  |
| 71  | 35.1  | 28.5  | 42.7  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.116 min Scan# 1229  
Delta R.T. -0.018 min  
Lab File: BM047264.D  
Acq: 20 Aug 2024 09:51

Tgt Ion: 136 Resp: 1036930

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.8   | 13.2  |
| 54  | 6.9   | 6.0   | 9.0   |
| 68  | 5.6   | 4.8   | 7.2   |

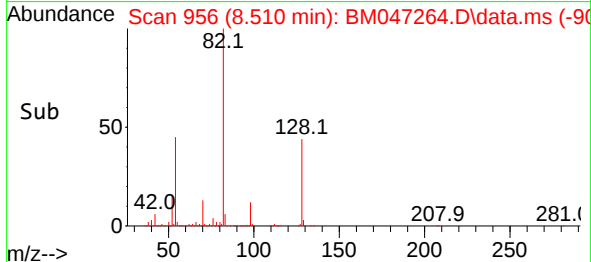
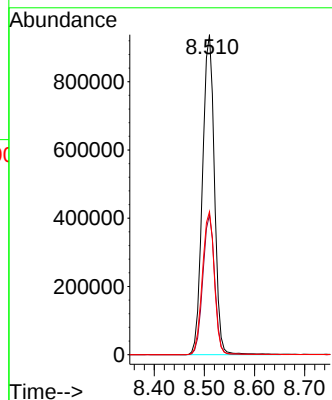
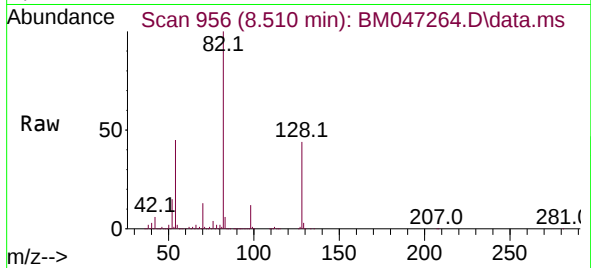




#23  
 Nitrobenzene-d5  
 Concen: 75.504 ng  
 RT: 8.510 min Scan# 91  
 Delta R.T. -0.012 min  
 Lab File: BM047264.D  
 Acq: 20 Aug 2024 09:51

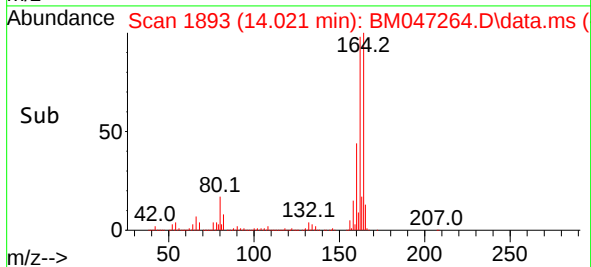
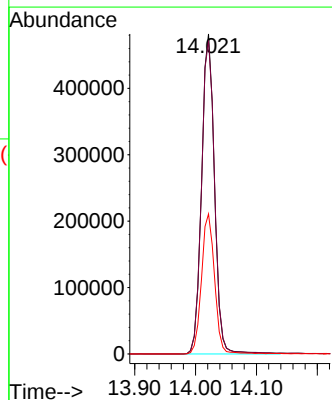
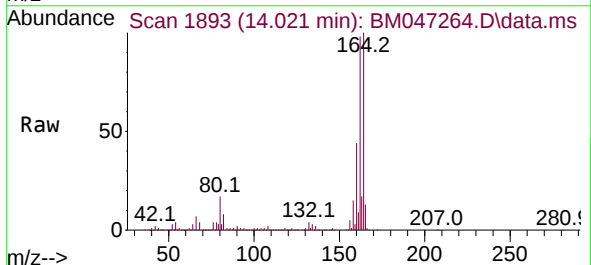
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162798BL

Tgt Ion: 82 Resp: 1554871  
 Ion Ratio Lower Upper  
 82 100  
 128 43.8 32.3 48.5  
 54 44.7 37.4 56.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.021 min Scan# 1893  
 Delta R.T. -0.012 min  
 Lab File: BM047264.D  
 Acq: 20 Aug 2024 09:51

Tgt Ion: 164 Resp: 708027  
 Ion Ratio Lower Upper  
 164 100  
 162 97.9 80.7 121.1  
 160 43.8 36.0 54.0

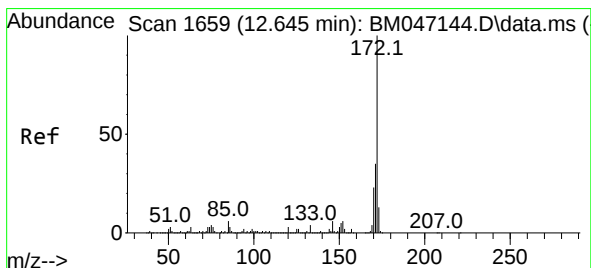
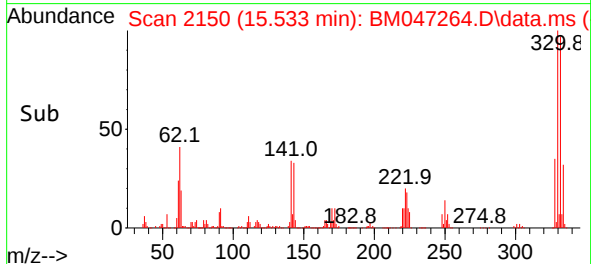
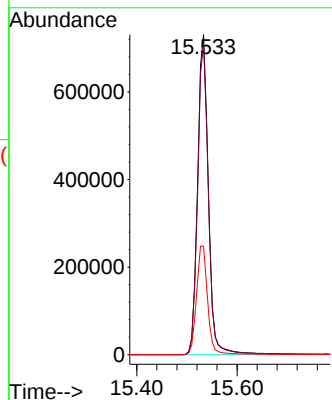
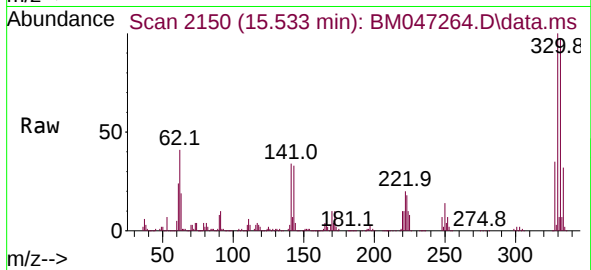




#42  
2,4,6-Tribromophenol  
Concen: 133.445 ng  
RT: 15.533 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: BM047264.D  
Acq: 20 Aug 2024 09:51

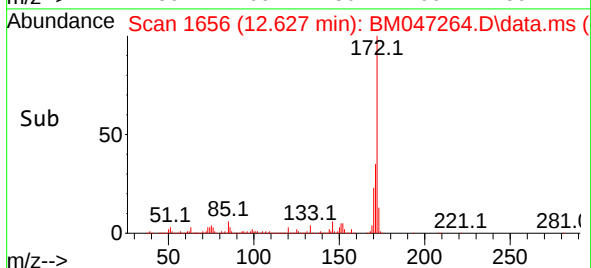
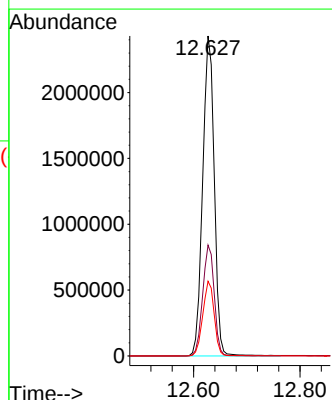
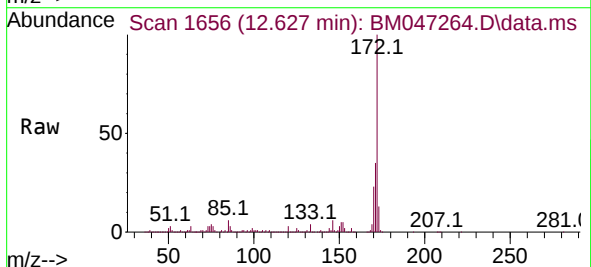
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BNA\_M  
ClientSampleId :  
PB162798BL

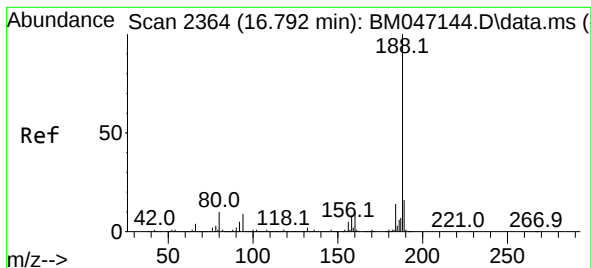
Tgt Ion:330 Resp: 1095540  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.4 116.2  
141 35.1 31.6 47.4



#45  
2-Fluorobiphenyl  
Concen: 79.838 ng  
RT: 12.627 min Scan# 1656  
Delta R.T. -0.018 min  
Lab File: BM047264.D  
Acq: 20 Aug 2024 09:51

Tgt Ion:172 Resp: 3664588  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.8 41.6  
170 23.3 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: BM047264.D

Acq: 20 Aug 2024 09:51

Instrument :

BNA\_M

ClientSampleId :

PB162798BL

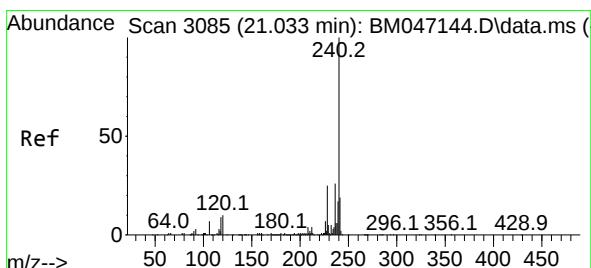
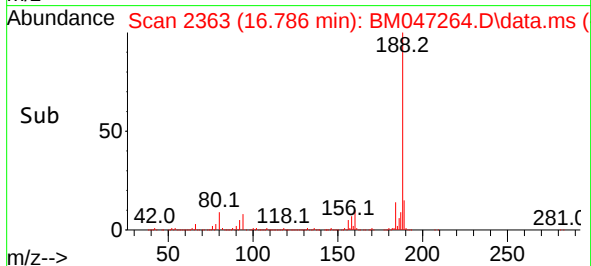
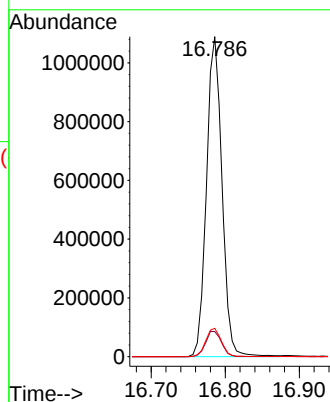
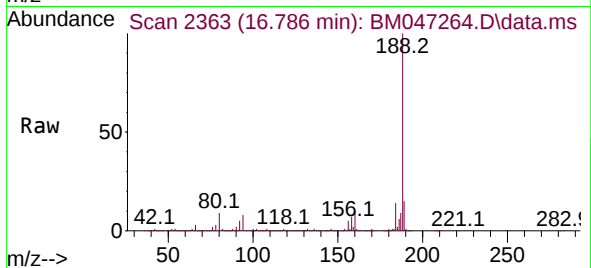
Tgt Ion:188 Resp: 1582815

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

80 8.9 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047264.D

Acq: 20 Aug 2024 09:51

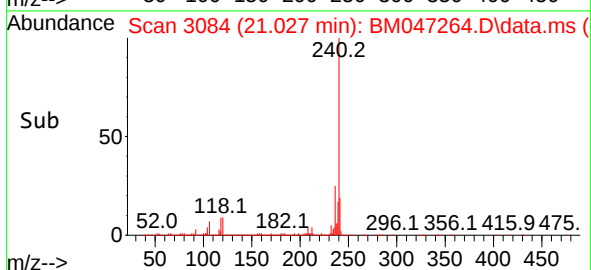
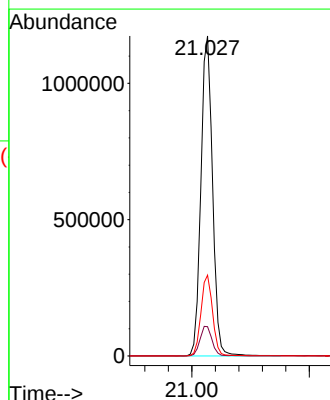
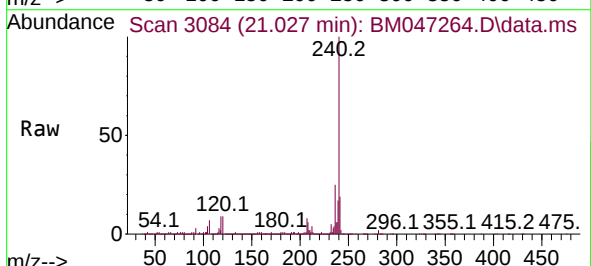
Tgt Ion:240 Resp: 1612647

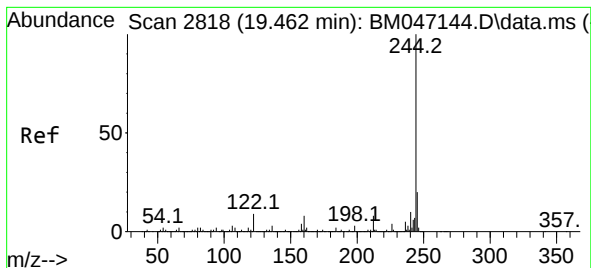
Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

236 25.3 20.6 30.8





#79

Terphenyl-d14

Concen: 88.248 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047264.D

Acq: 20 Aug 2024 09:51

Instrument :

BNA\_M

ClientSampleId :

PB162798BL

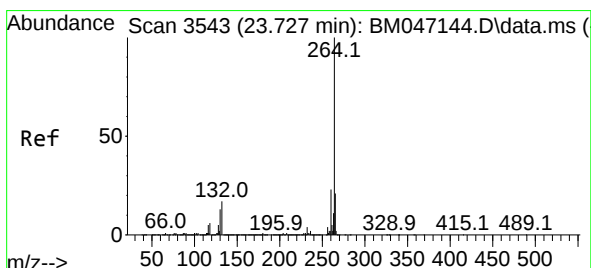
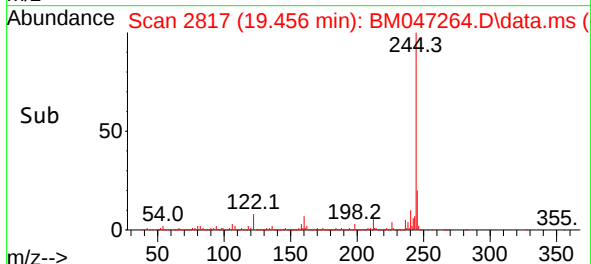
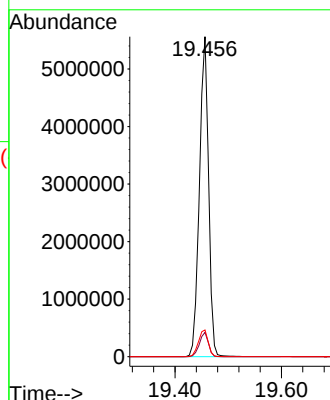
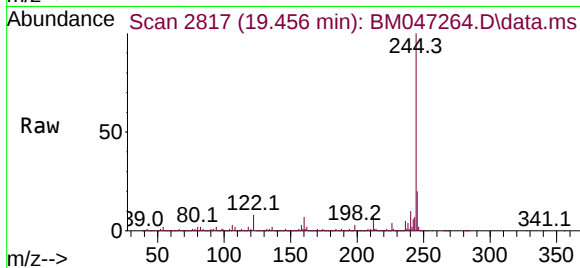
Tgt Ion:244 Resp: 6641557

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

122 8.4 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3543

Delta R.T. -0.000 min

Lab File: BM047264.D

Acq: 20 Aug 2024 09:51

Tgt Ion:264 Resp: 1505102

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.1 17.3 25.9

