

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082224\  
 Data File : BM047311.D  
 Acq On : 22 Aug 2024 11:13  
 Operator : RC/JU  
 Sample : PB162574BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162574BL

Quant Time: Aug 22 11:56:20 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

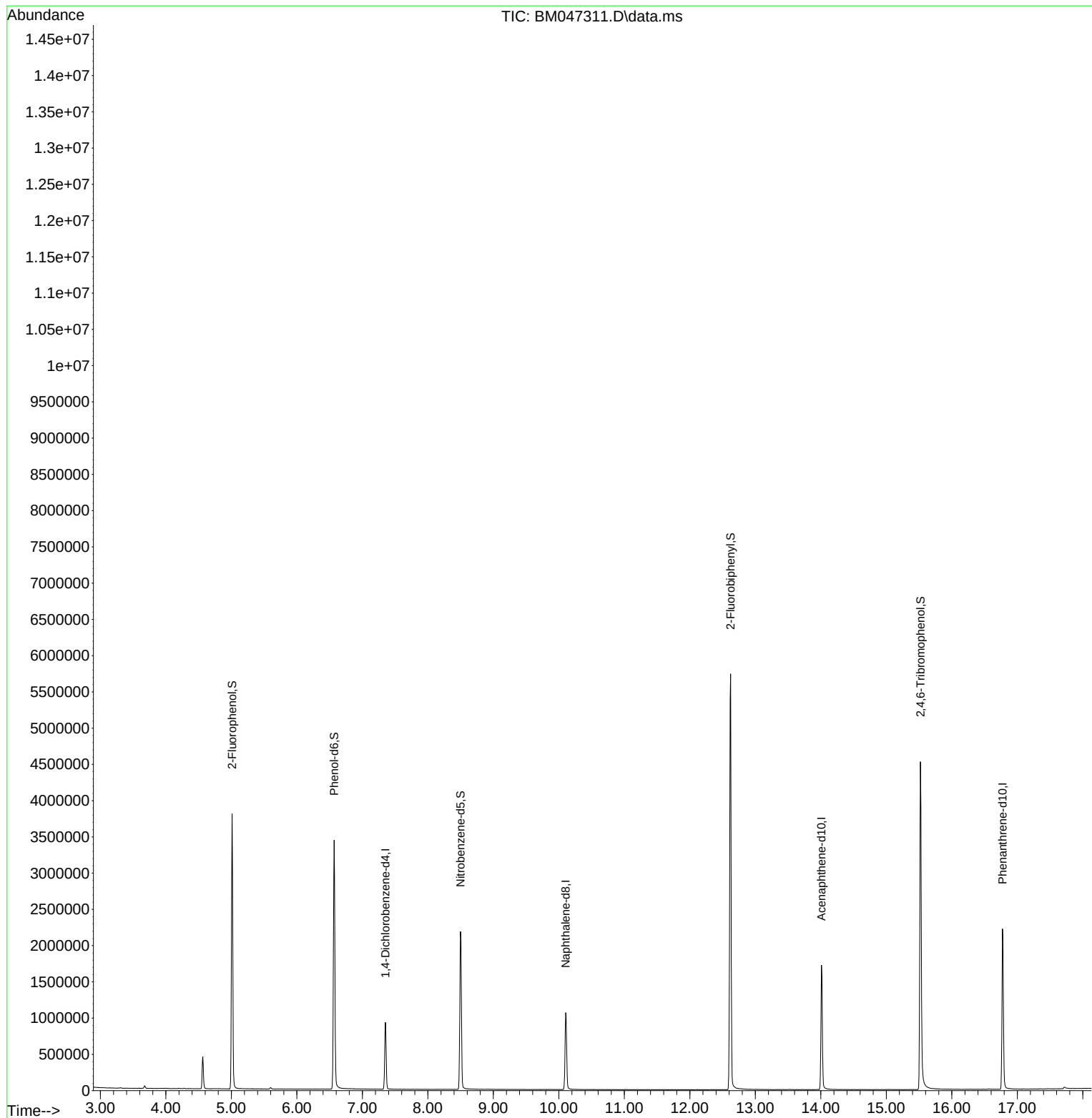
| Compound                    | R.T.   | QIon | Response | Conc      | Units    | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|----------|----------|
| -----                       |        |      |          |           |          |          |
| Internal Standards          |        |      |          |           |          |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.351  | 152  | 250016   | 20.000    | ng       | -0.02    |
| 21) Naphthalene-d8          | 10.104 | 136  | 923225   | 20.000    | ng       | -0.03    |
| 39) Acenaphthene-d10        | 14.010 | 164  | 635900   | 20.000    | ng       | -0.02    |
| 64) Phenanthrene-d10        | 16.774 | 188  | 1445459  | 20.000    | ng       | -0.02    |
| 76) Chrysene-d12            | 21.015 | 240  | 1317264  | 20.000    | ng       | -0.02    |
| 86) Perylene-d12            | 23.709 | 264  | 1241013  | 20.000    | ng       | -0.02    |
| System Monitoring Compounds |        |      |          |           |          |          |
| 5) 2-Fluorophenol           | 5.010  | 112  | 1588545  | 113.532   | ng       | -0.01    |
| 7) Phenol-d6                | 6.569  | 99   | 2030482  | 105.316   | ng       | -0.02    |
| 23) Nitrobenzene-d5         | 8.498  | 82   | 1323277  | 72.172    | ng       | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.521 | 330  | 950933   | 128.969   | ng       | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.622 | 172  | 3188056  | 77.334    | ng       | -0.02    |
| 79) Terphenyl-d14           | 19.445 | 244  | 5897483  | 95.933    | ng       | -0.02    |
| Target Compounds            |        |      |          |           |          |          |
| 9) Benzaldehyde             | 6.522  | 77   | 337      | Below Cal | Qvalue # | 17       |
| -----                       |        |      |          |           |          |          |

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

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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB162574BL

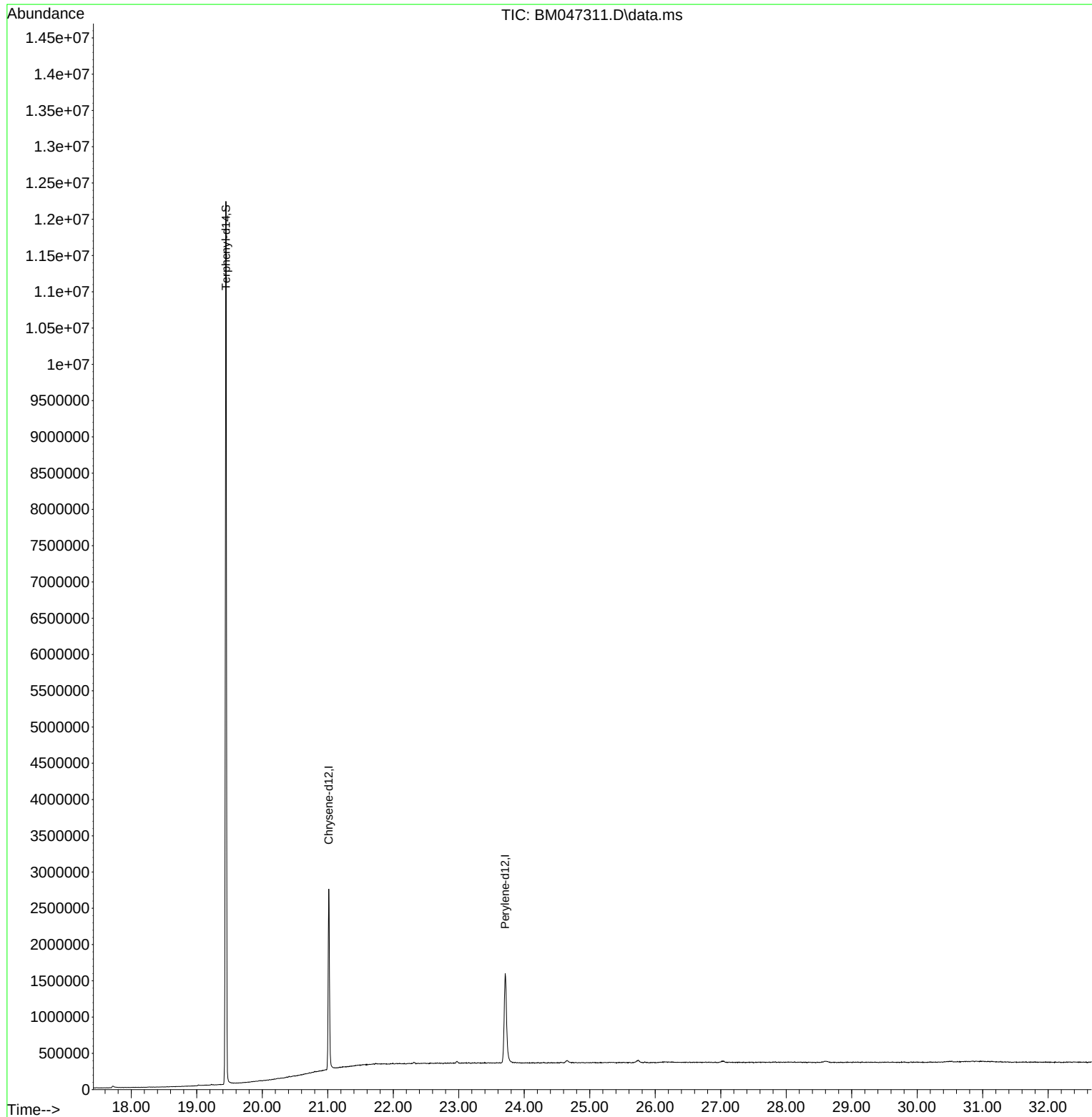
Quant Time: Aug 22 11:56:20 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 11 23:47:58 2024  
Response via : Initial Calibration

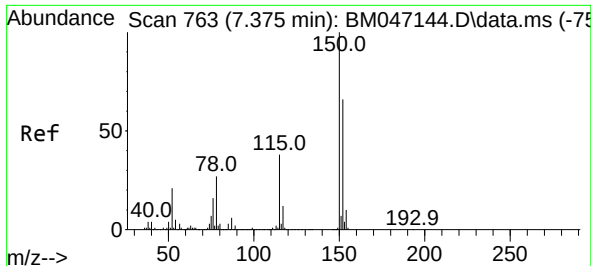


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082224\  
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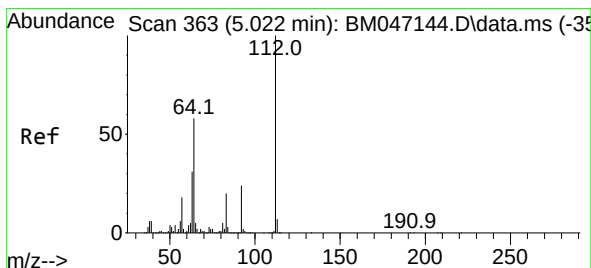
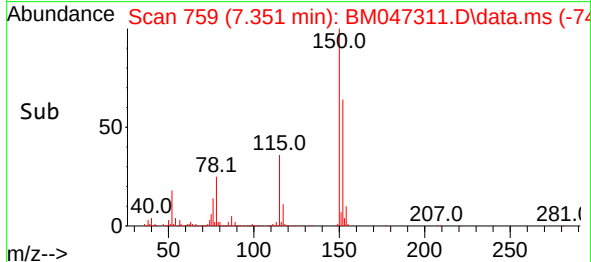
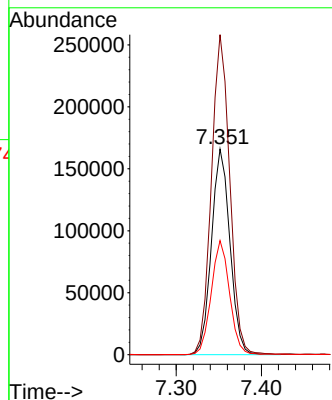
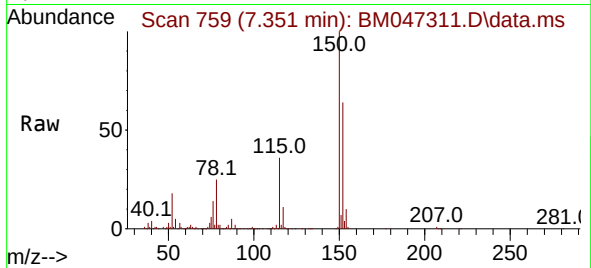




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.351 min Scan# 701  
Delta R.T. -0.024 min  
Lab File: BM047311.D  
Acq: 22 Aug 2024 11:13

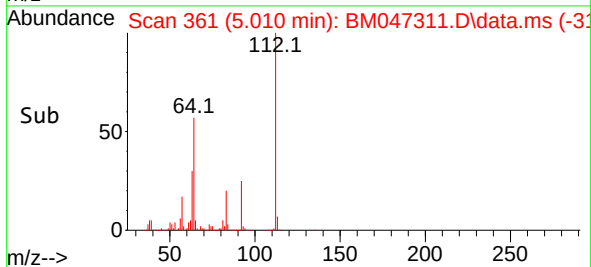
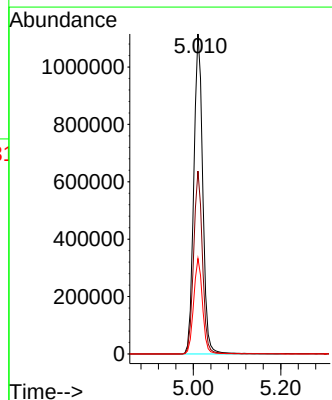
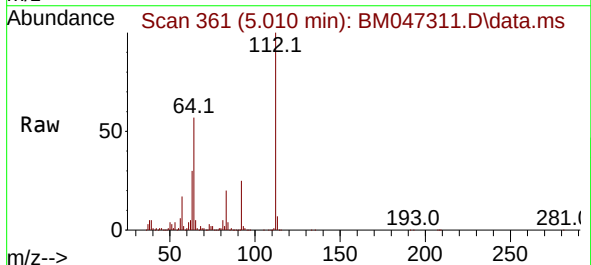
Instrument :  
BNA\_M  
ClientSampleId :  
PB162574BL

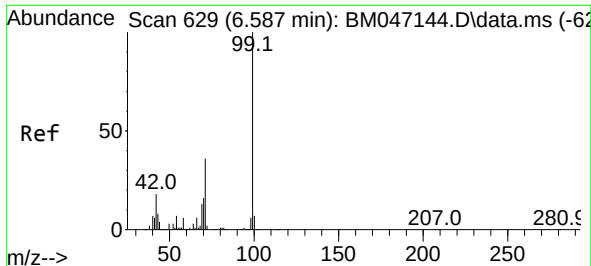
Tgt Ion:152 Resp: 250016  
Ion Ratio Lower Upper  
152 100  
150 155.6 120.5 180.7  
115 55.4 45.5 68.3



#5  
2-Fluorophenol  
Concen: 113.532 ng  
RT: 5.010 min Scan# 361  
Delta R.T. -0.012 min  
Lab File: BM047311.D  
Acq: 22 Aug 2024 11:13

Tgt Ion:112 Resp: 1588545  
Ion Ratio Lower Upper  
112 100  
64 57.2 46.7 70.1  
63 29.8 24.8 37.2



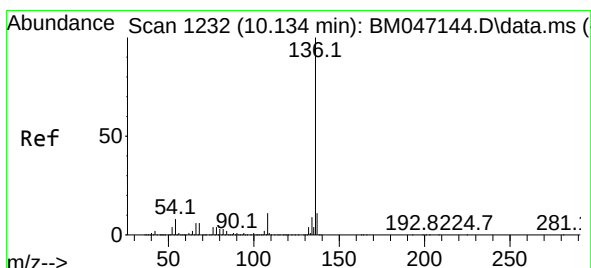
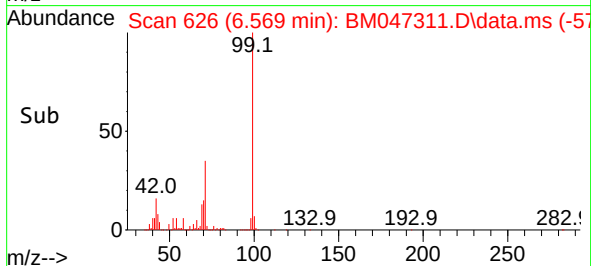
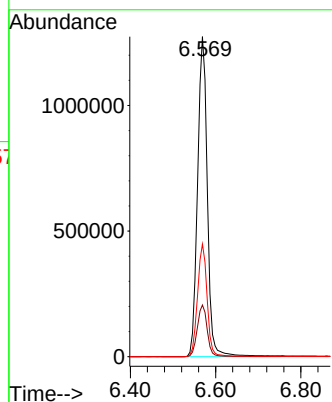
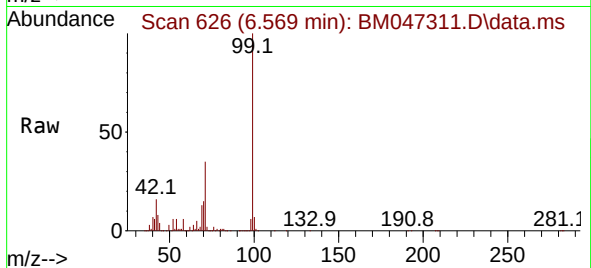


#7  
Phenol-d6  
Concen: 105.316 ng  
RT: 6.569 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM047311.D  
Acq: 22 Aug 2024 11:13

Instrument :  
BNA\_M  
ClientSampleId :  
PB162574BL

Tgt Ion: 99 Resp: 2030482

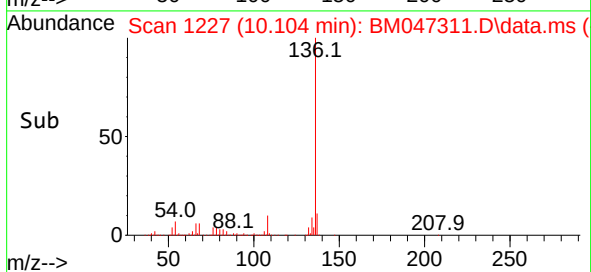
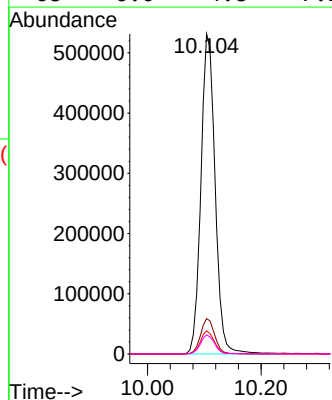
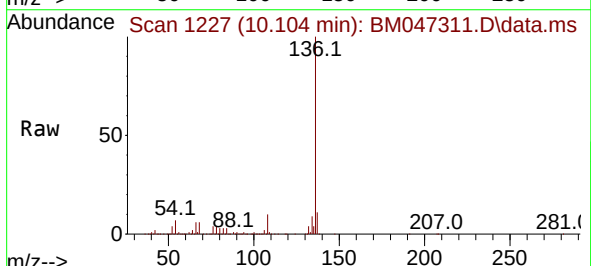
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.1  | 14.1  | 21.1  |
| 71  | 35.2  | 28.5  | 42.7  |

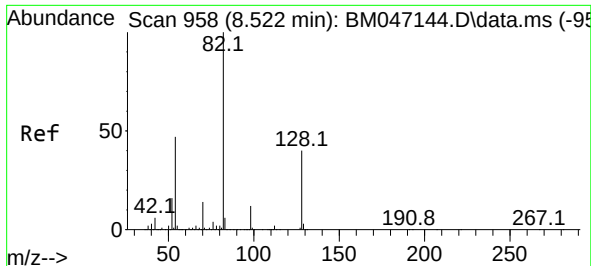


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.104 min Scan# 1227  
Delta R.T. -0.030 min  
Lab File: BM047311.D  
Acq: 22 Aug 2024 11:13

Tgt Ion: 136 Resp: 923225

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

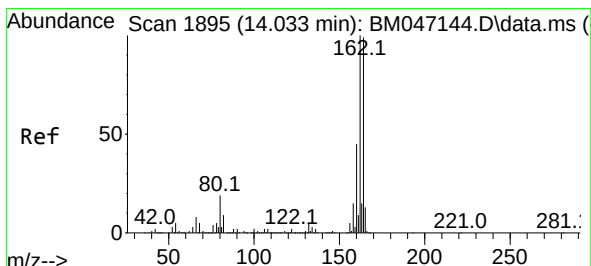
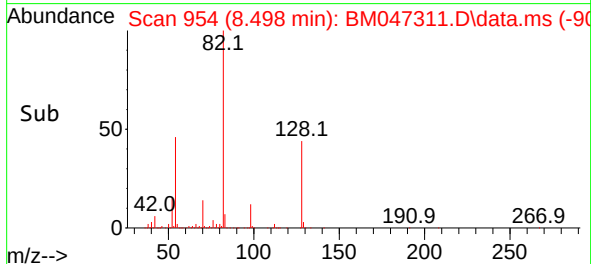
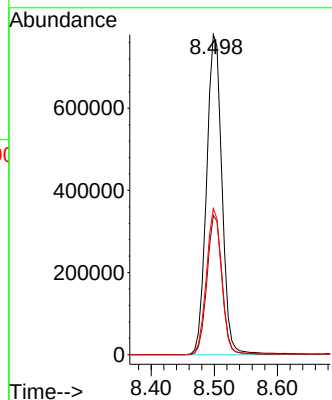
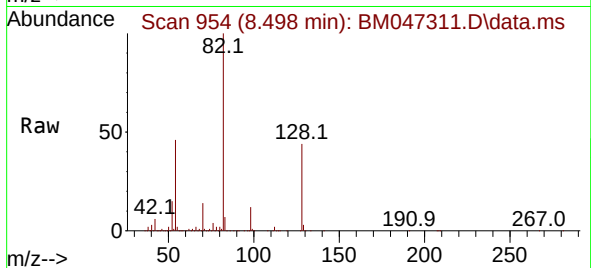




#23  
Nitrobenzene-d5  
Concen: 72.172 ng  
RT: 8.498 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: BM047311.D  
Acq: 22 Aug 2024 11:13

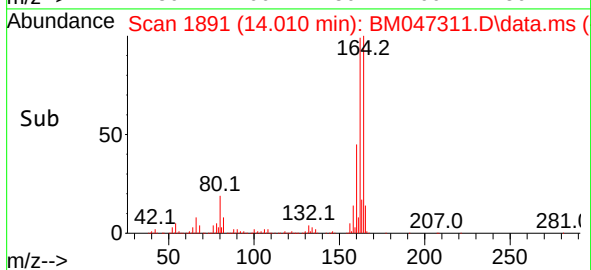
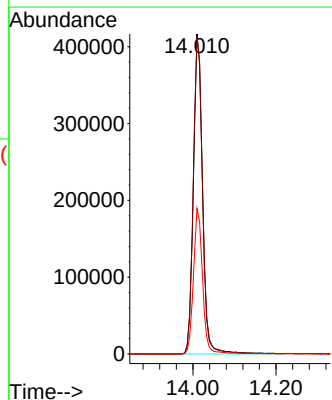
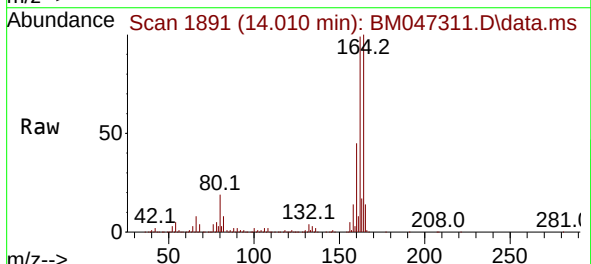
Instrument :  
BNA\_M  
ClientSampleId :  
PB162574BL

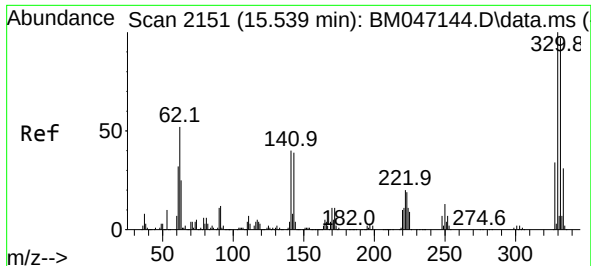
Tgt Ion: 82 Resp: 1323277  
Ion Ratio Lower Upper  
82 100  
128 43.5 32.3 48.5  
54 45.7 37.4 56.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.010 min Scan# 1891  
Delta R.T. -0.024 min  
Lab File: BM047311.D  
Acq: 22 Aug 2024 11:13

Tgt Ion:164 Resp: 635900  
Ion Ratio Lower Upper  
164 100  
162 99.2 80.7 121.1  
160 45.4 36.0 54.0

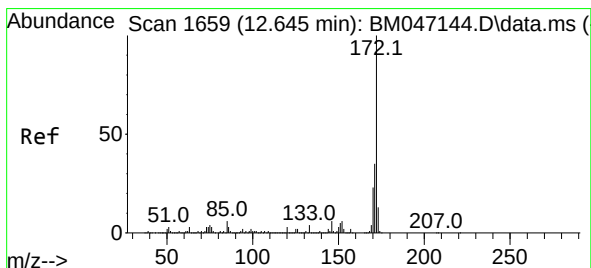
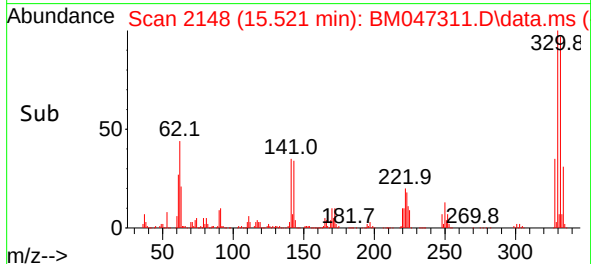
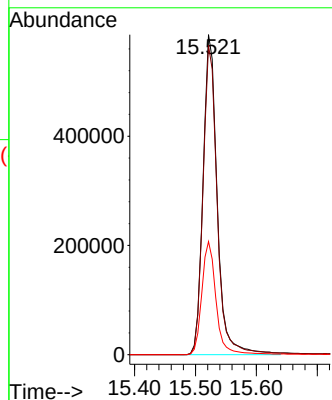
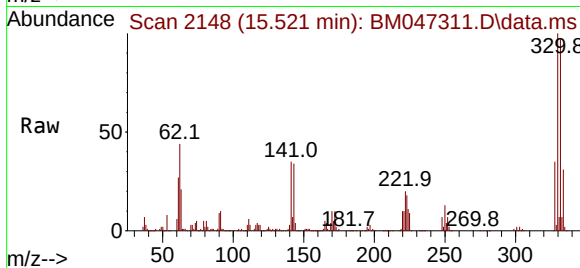




#42  
2,4,6-Tribromophenol  
Concen: 128.969 ng  
RT: 15.521 min Scan# 2151  
Delta R.T. -0.018 min  
Lab File: BM047311.D  
Acq: 22 Aug 2024 11:13

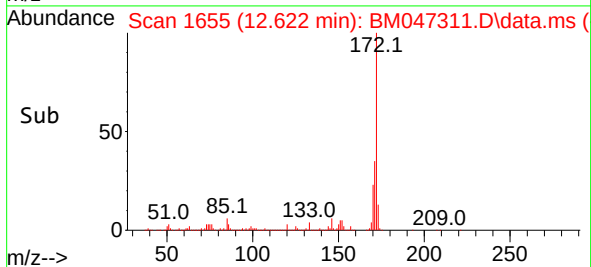
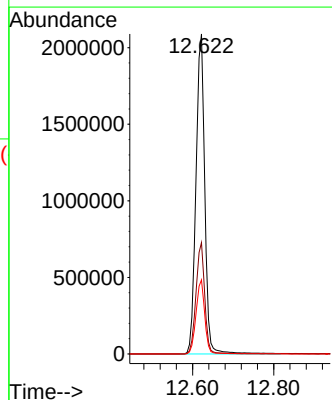
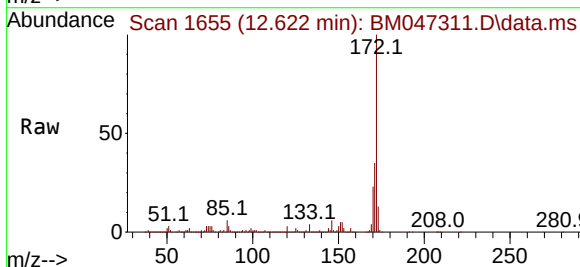
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BNA\_M  
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PB162574BL

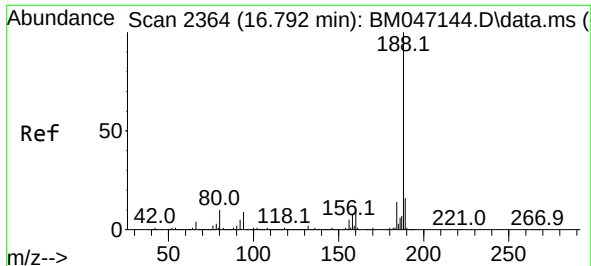
Tgt Ion:330 Resp: 950933  
Ion Ratio Lower Upper  
330 100  
332 98.1 77.4 116.2  
141 35.8 31.6 47.4



#45  
2-Fluorobiphenyl  
Concen: 77.334 ng  
RT: 12.622 min Scan# 1655  
Delta R.T. -0.023 min  
Lab File: BM047311.D  
Acq: 22 Aug 2024 11:13

Tgt Ion:172 Resp: 3188056  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.8 41.6  
170 23.2 18.7 28.1

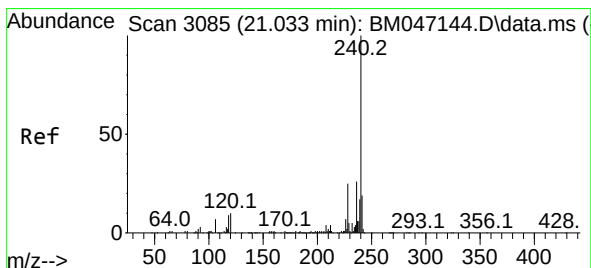
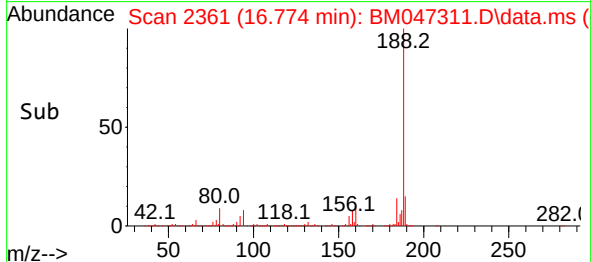
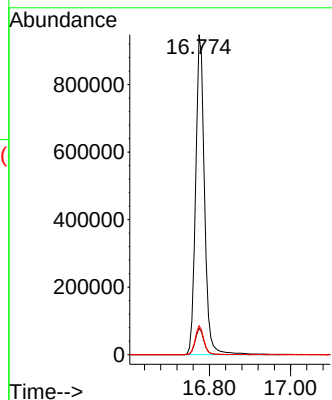
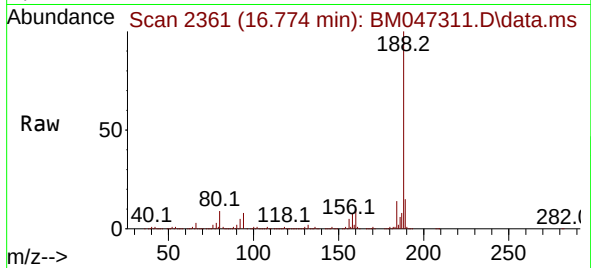




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.774 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BM047311.D  
Acq: 22 Aug 2024 11:13

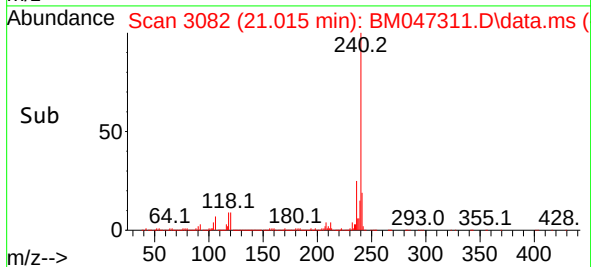
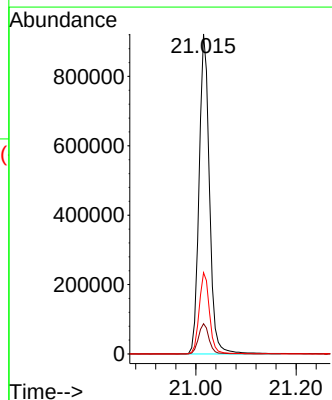
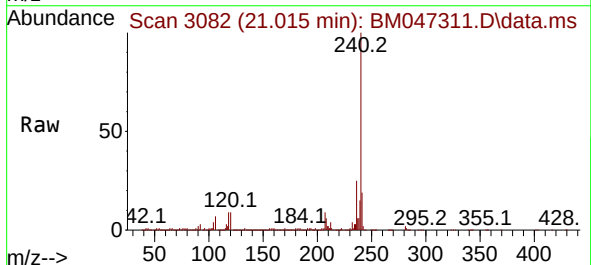
Instrument :  
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PB162574BL

Tgt Ion:188 Resp: 1445459  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.0 10.6  
80 9.1 8.0 12.0

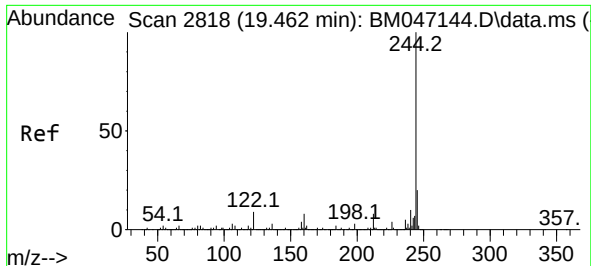


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.015 min Scan# 3082  
Delta R.T. -0.018 min  
Lab File: BM047311.D  
Acq: 22 Aug 2024 11:13

Tgt Ion:240 Resp: 1317264  
Ion Ratio Lower Upper  
240 100  
120 9.5 8.2 12.2  
236 25.4 20.6 30.8



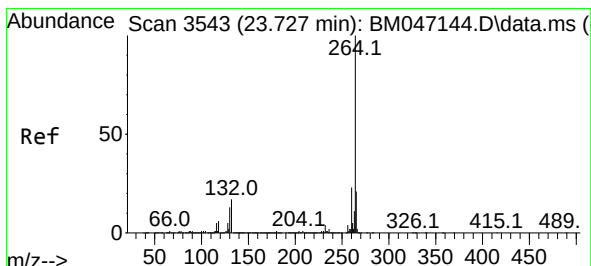
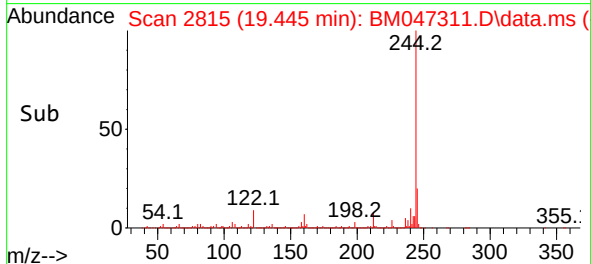
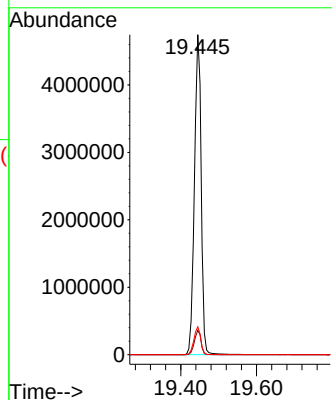
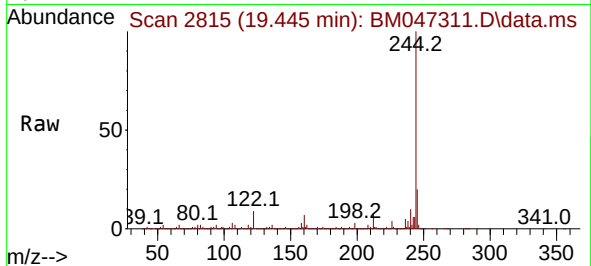




#79  
 Terphenyl-d14  
 Concen: 95.933 ng  
 RT: 19.445 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BM047311.D  
 Acq: 22 Aug 2024 11:13

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB162574BL

Tgt Ion:244 Resp: 5897483  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 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: BM047311.D  
 Acq: 22 Aug 2024 11:13

Tgt Ion:264 Resp: 1241013  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.5 27.7  
 265 22.0 17.3 25.9

