

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082124\  
 Data File : BM047300.D  
 Acq On : 21 Aug 2024 16:26  
 Operator : RC/JU  
 Sample : P3596-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 918-J-WS-081324

Quant Time: Aug 21 17:04:16 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

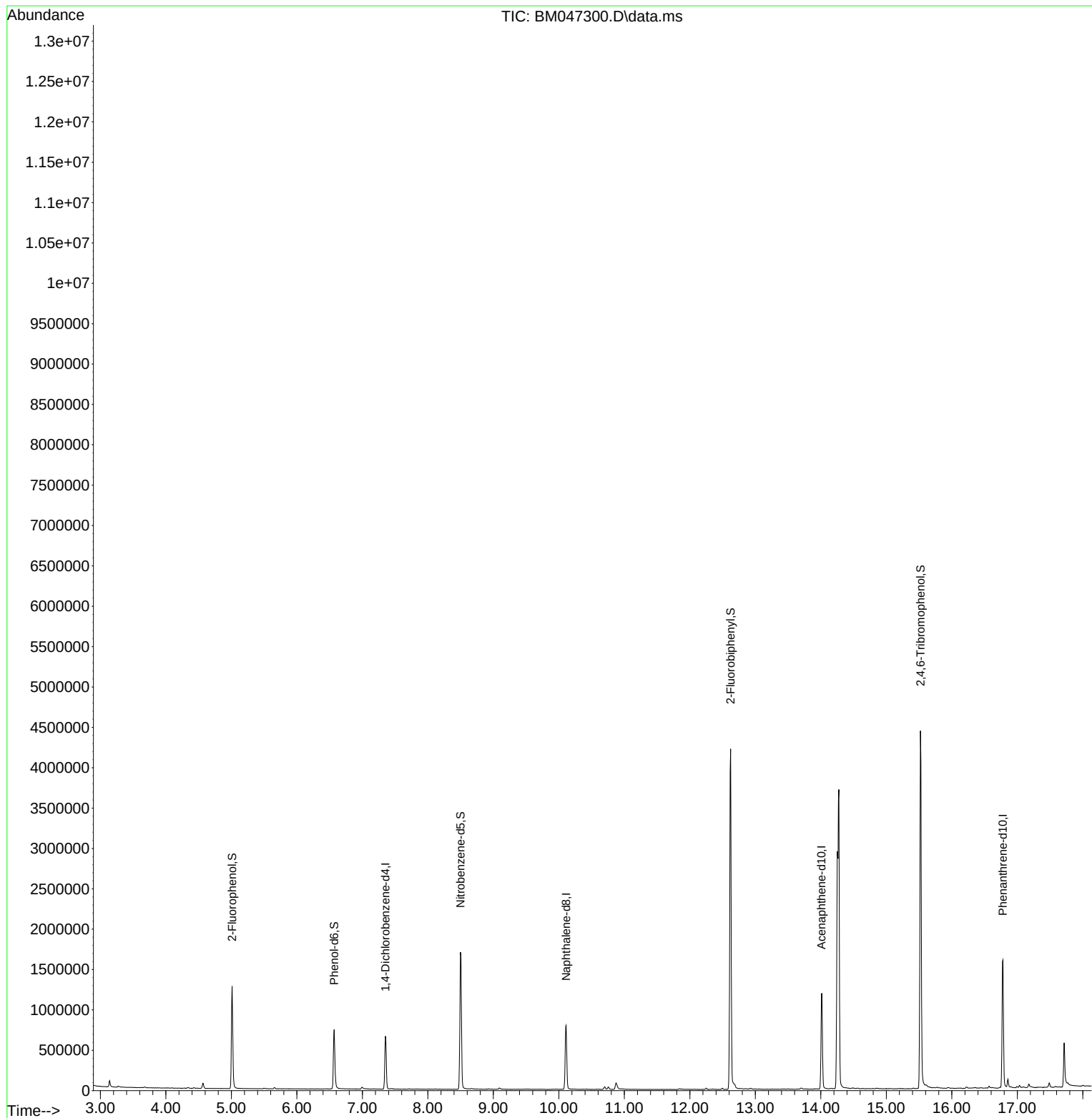
| Compound                    | R.T.   | QIon | Response | Conc      | Units    | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|----------|----------|
| -----                       |        |      |          |           |          |          |
| Internal Standards          |        |      |          |           |          |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.351  | 152  | 183659   | 20.000    | ng       | -0.02    |
| 21) Naphthalene-d8          | 10.110 | 136  | 677846   | 20.000    | ng       | -0.02    |
| 39) Acenaphthene-d10        | 14.010 | 164  | 451328   | 20.000    | ng       | -0.02    |
| 64) Phenanthrene-d10        | 16.780 | 188  | 1016829  | 20.000    | ng       | -0.01    |
| 76) Chrysene-d12            | 21.021 | 240  | 1105591  | 20.000    | ng       | -0.01    |
| 86) Perylene-d12            | 23.709 | 264  | 1128272  | 20.000    | ng       | -0.02    |
| System Monitoring Compounds |        |      |          |           |          |          |
| 5) 2-Fluorophenol           | 5.010  | 112  | 559732   | 54.457    | ng       | -0.01    |
| 7) Phenol-d6                | 6.569  | 99   | 450804   | 31.830    | ng       | -0.02    |
| 23) Nitrobenzene-d5         | 8.498  | 82   | 1018772  | 75.679    | ng       | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.521 | 330  | 859870   | 164.310   | ng       | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.622 | 172  | 2291742  | 78.326    | ng       | -0.02    |
| 79) Terphenyl-d14           | 19.451 | 244  | 5268253  | 102.105   | ng       | -0.01    |
| Target Compounds            |        |      |          |           |          |          |
| 9) Benzaldehyde             | 6.510  | 77   | 181      | Below Cal | Qvalue # | 28       |
| -----                       |        |      |          |           |          |          |

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

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Misc :  
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :  
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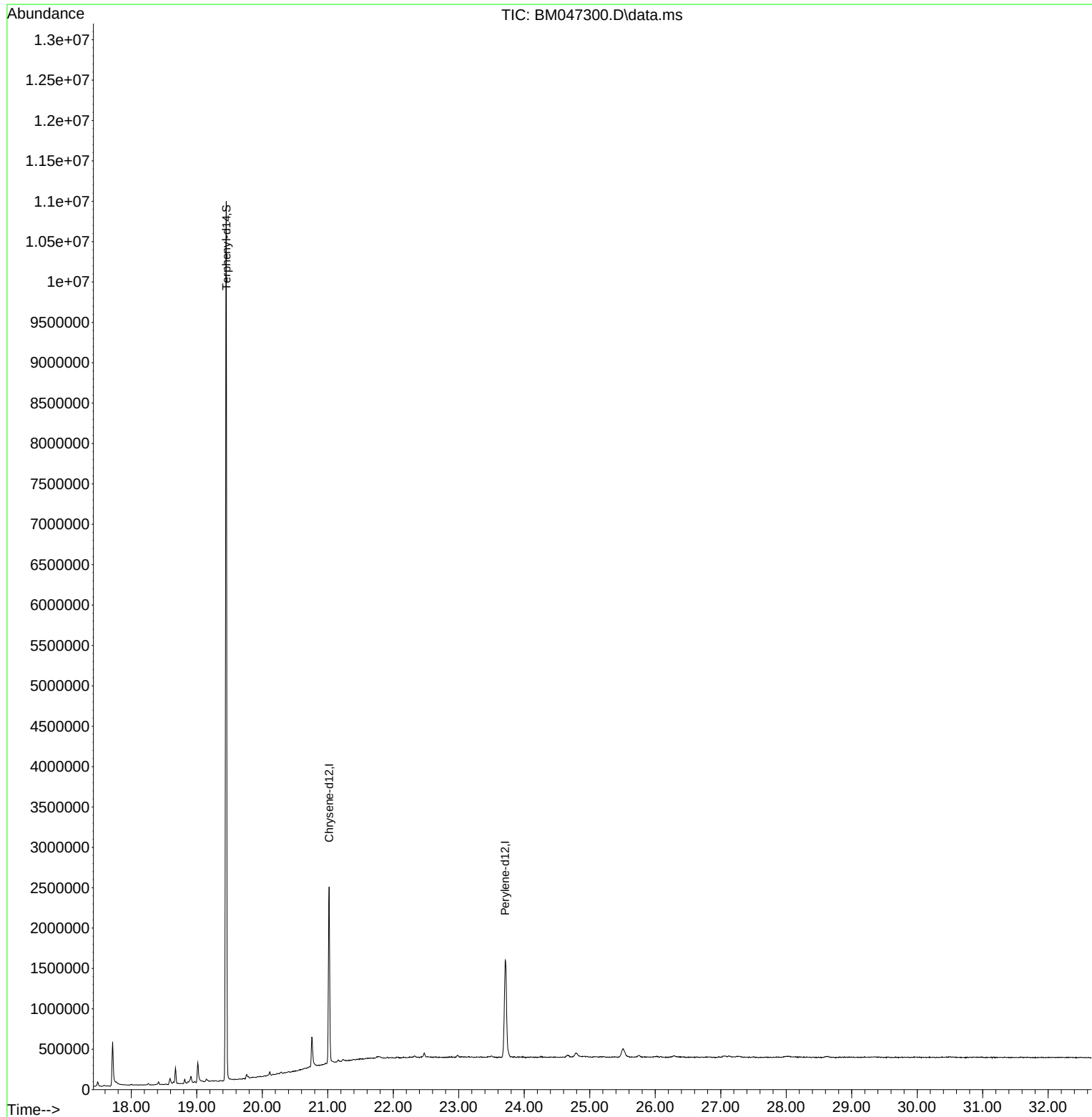
Quant Time: Aug 21 17:04:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 11 23:47:58 2024  
Response via : Initial Calibration

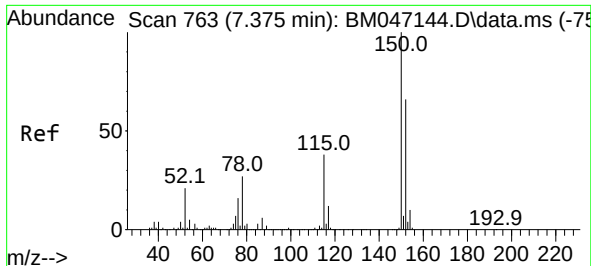


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082124\  
Data File : BM047300.D  
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Response via : Initial Calibration

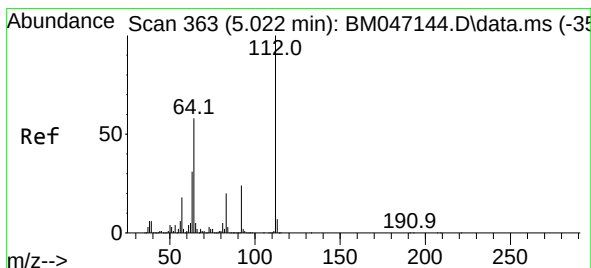
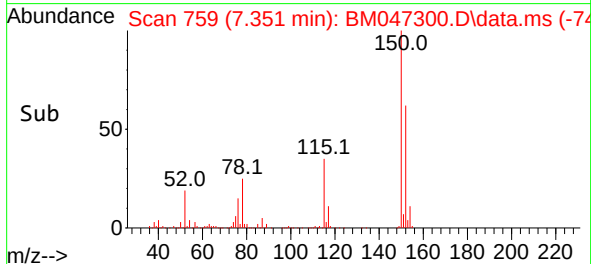
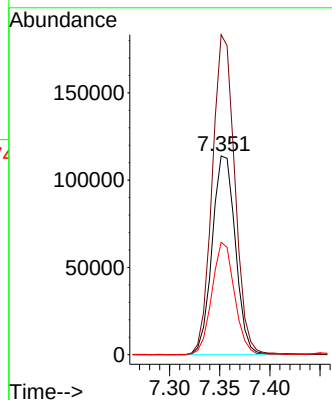
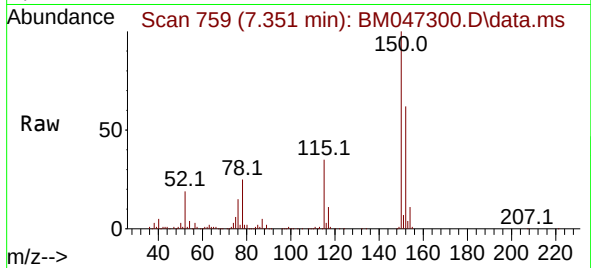




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.351 min Scan# 71  
Delta R.T. -0.024 min  
Lab File: BM047300.D  
Acq: 21 Aug 2024 16:26

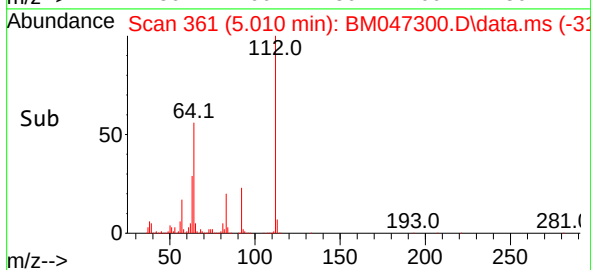
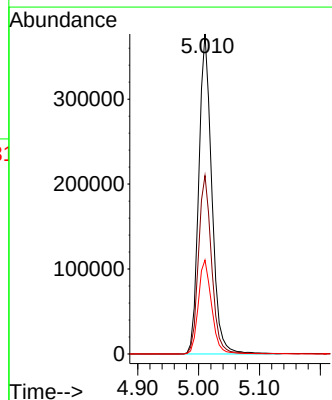
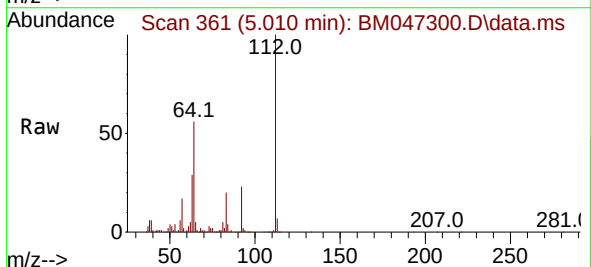
Instrument :  
BNA\_M  
ClientSampleId :  
918-J-WS-081324

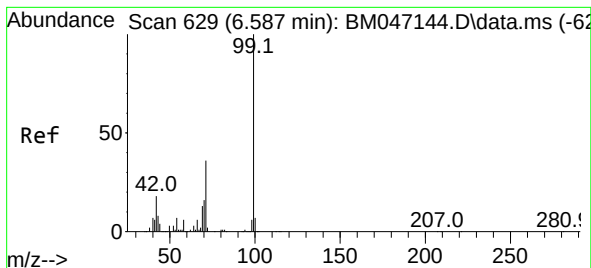
Tgt Ion:152 Resp: 183659  
Ion Ratio Lower Upper  
152 100  
150 161.0 120.5 180.7  
115 56.6 45.5 68.3



#5  
2-Fluorophenol  
Concen: 54.457 ng  
RT: 5.010 min Scan# 361  
Delta R.T. -0.012 min  
Lab File: BM047300.D  
Acq: 21 Aug 2024 16:26

Tgt Ion:112 Resp: 559732  
Ion Ratio Lower Upper  
112 100  
64 55.7 46.7 70.1  
63 29.3 24.8 37.2





#7

Phenol-d6

Concen: 31.830 ng

RT: 6.569 min Scan# 61

Delta R.T. -0.018 min

Lab File: BM047300.D

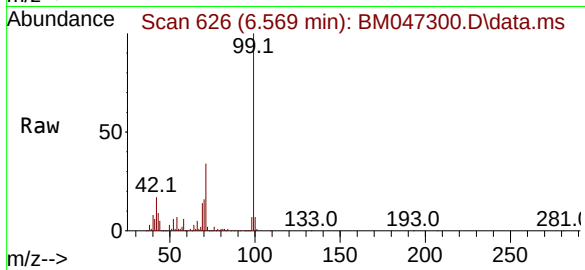
Acq: 21 Aug 2024 16:26

Instrument :

BNA\_M

ClientSampleId :

918-J-WS-081324



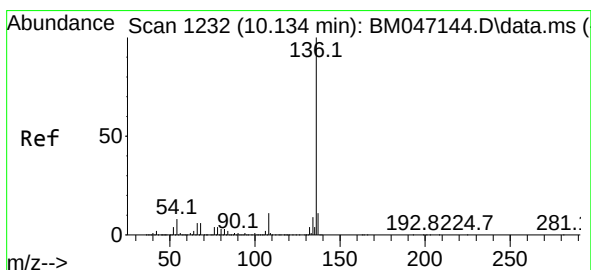
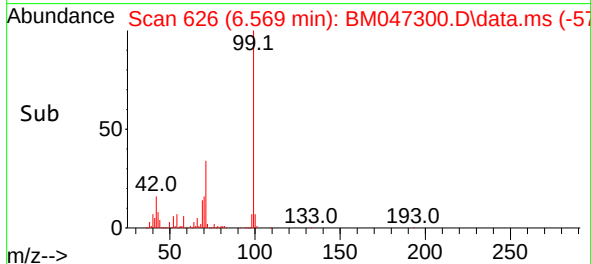
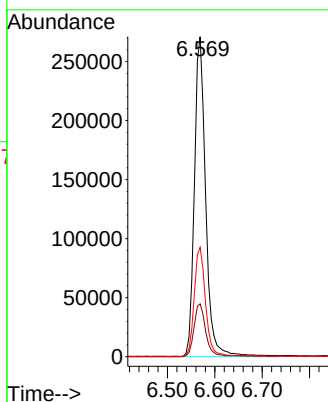
Tgt Ion: 99 Resp: 450804

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 34.1 28.5 42.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.110 min Scan# 1228

Delta R.T. -0.024 min

Lab File: BM047300.D

Acq: 21 Aug 2024 16:26

Tgt Ion: 136 Resp: 677846

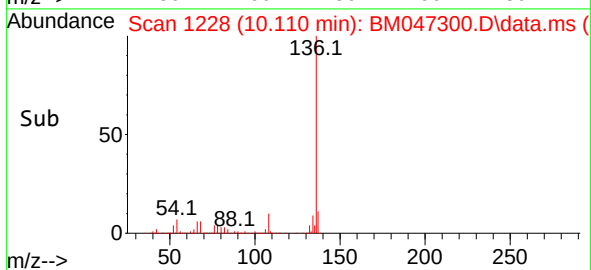
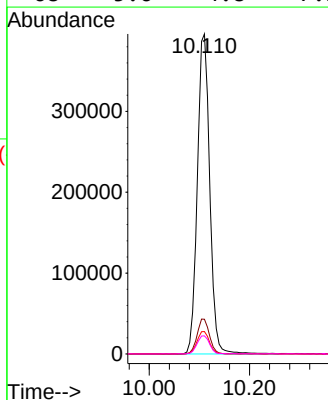
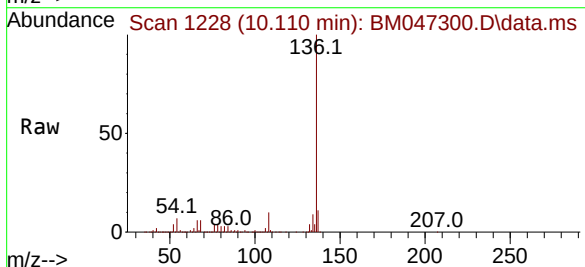
Ion Ratio Lower Upper

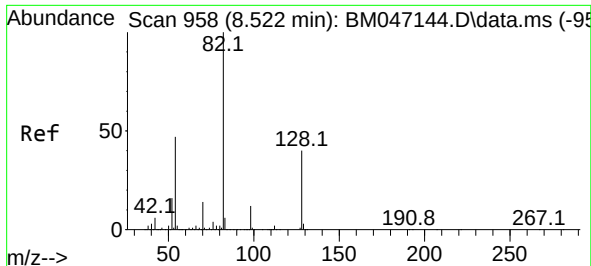
136 100

137 10.9 8.8 13.2

54 7.0 6.0 9.0

68 5.6 4.8 7.2

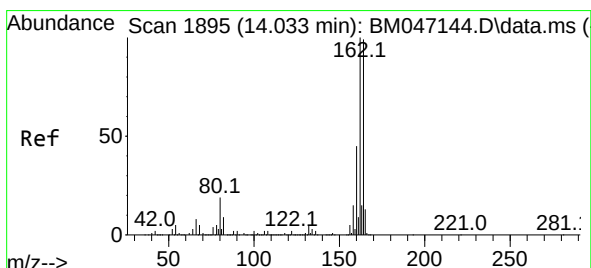
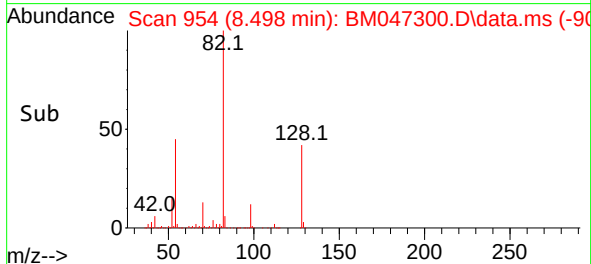
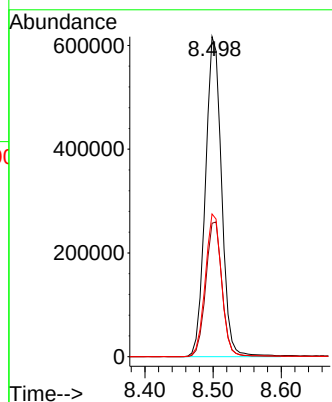
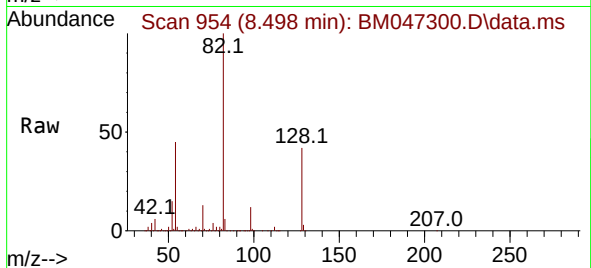




#23  
Nitrobenzene-d5  
Concen: 75.679 ng  
RT: 8.498 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: BM047300.D  
Acq: 21 Aug 2024 16:26

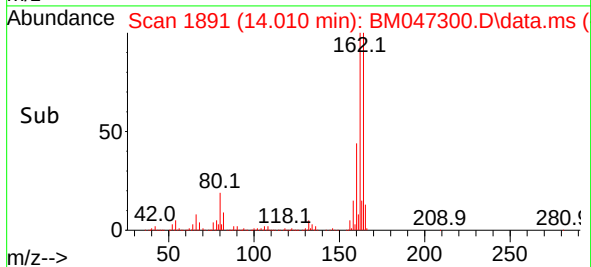
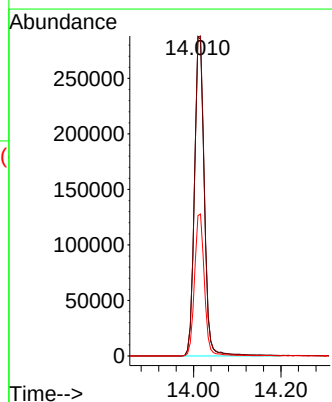
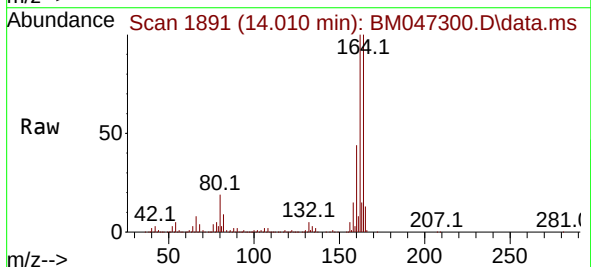
Instrument :  
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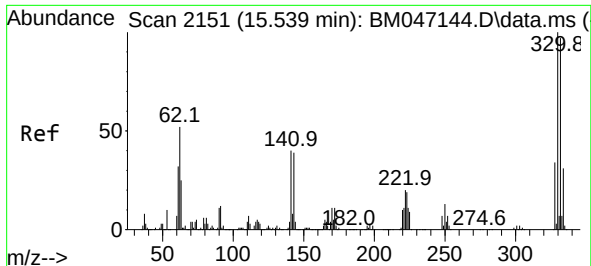
Tgt Ion: 82 Resp: 1018772  
Ion Ratio Lower Upper  
82 100  
128 41.7 32.3 48.5  
54 44.6 37.4 56.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.010 min Scan# 1891  
Delta R.T. -0.024 min  
Lab File: BM047300.D  
Acq: 21 Aug 2024 16:26

Tgt Ion:164 Resp: 451328  
Ion Ratio Lower Upper  
164 100  
162 99.8 80.7 121.1  
160 43.9 36.0 54.0

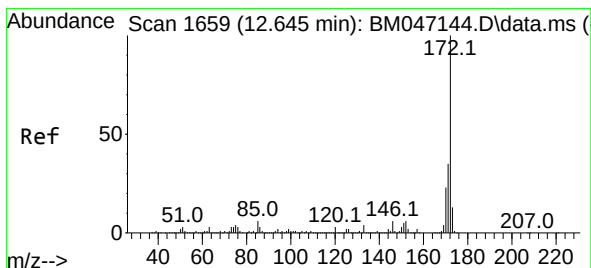
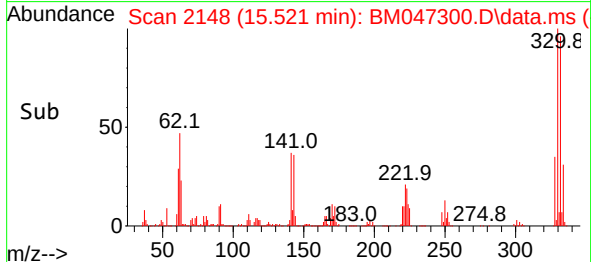
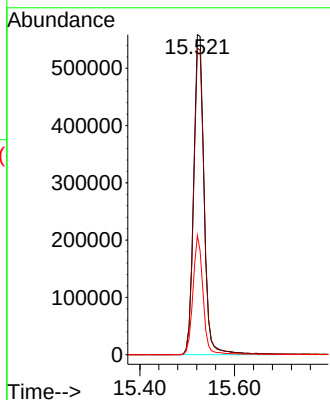
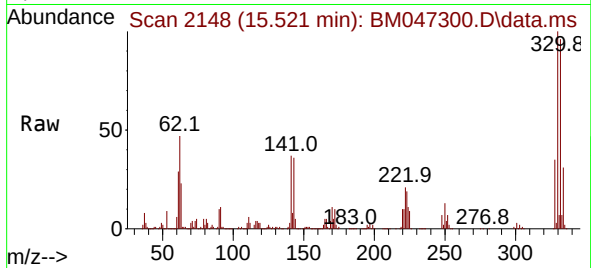




#42  
2,4,6-Tribromophenol  
Concen: 164.310 ng  
RT: 15.521 min Scan# 2151  
Delta R.T. -0.018 min  
Lab File: BM047300.D  
Acq: 21 Aug 2024 16:26

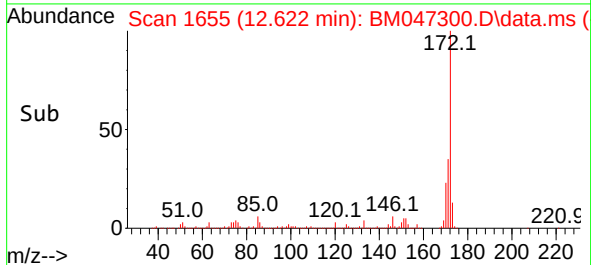
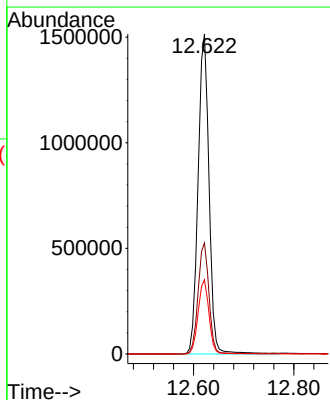
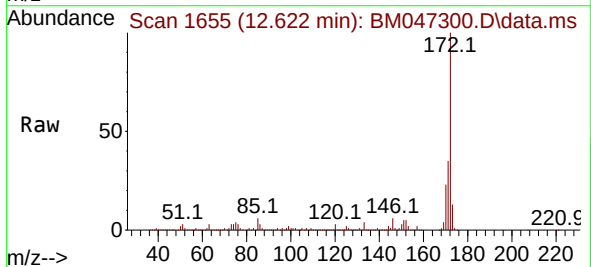
Instrument :  
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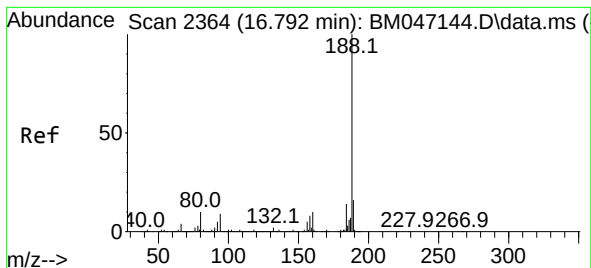
Tgt Ion:330 Resp: 859870  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.4 116.2  
141 35.8 31.6 47.4



#45  
2-Fluorobiphenyl  
Concen: 78.326 ng  
RT: 12.622 min Scan# 1655  
Delta R.T. -0.023 min  
Lab File: BM047300.D  
Acq: 21 Aug 2024 16:26

Tgt Ion:172 Resp: 2291742  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.8 41.6  
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047300.D

Acq: 21 Aug 2024 16:26

Instrument :

BNA\_M

ClientSampleId :

918-J-WS-081324

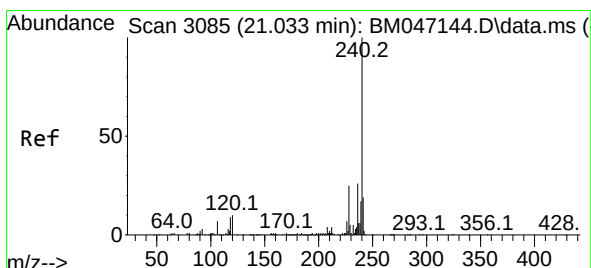
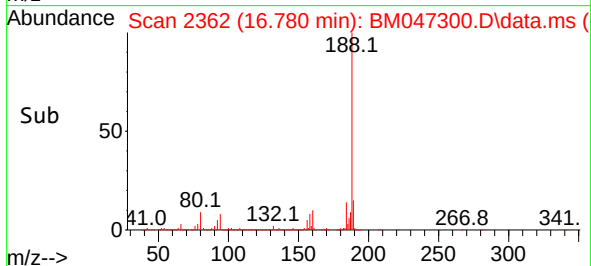
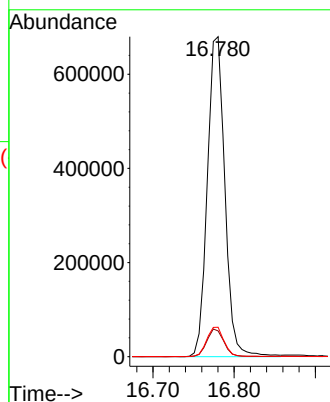
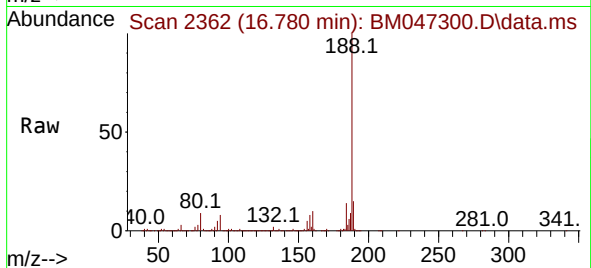
Tgt Ion:188 Resp: 1016829

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.2 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: BM047300.D

Acq: 21 Aug 2024 16:26

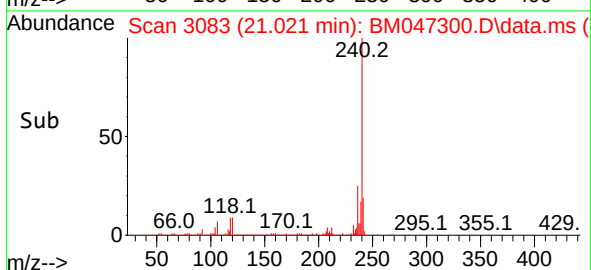
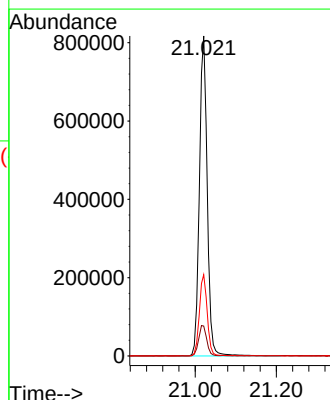
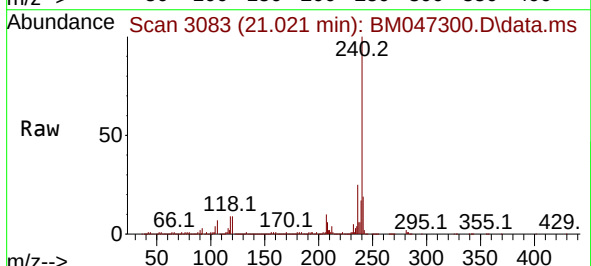
Tgt Ion:240 Resp: 1105591

Ion Ratio Lower Upper

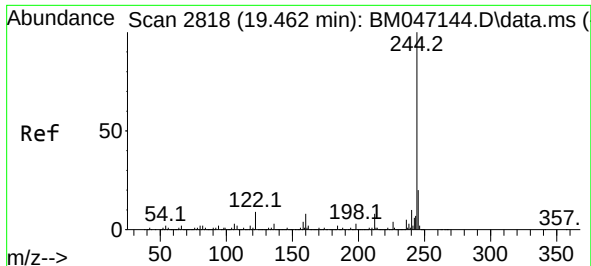
240 100

120 9.3 8.2 12.2

236 25.4 20.6 30.8



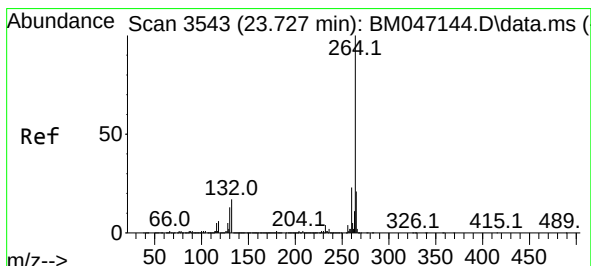
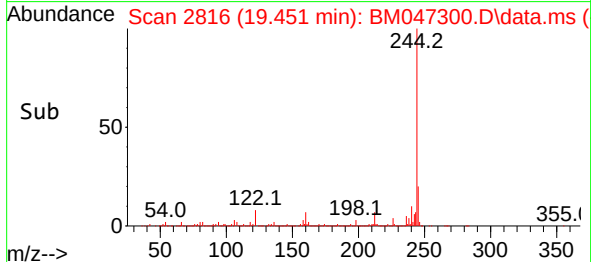
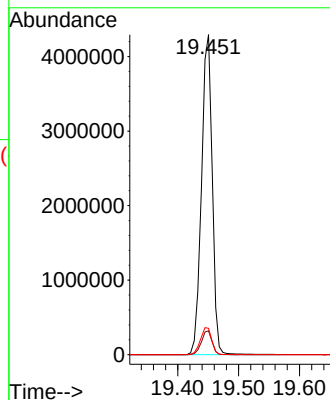
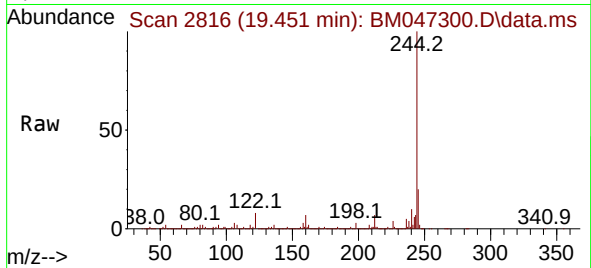




#79  
 Terphenyl-d14  
 Concen: 102.105 ng  
 RT: 19.451 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM047300.D  
 Acq: 21 Aug 2024 16:26

Instrument :  
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 918-J-WS-081324

Tgt Ion:244 Resp: 5268253  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.4  
 122 8.3 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: BM047300.D  
 Acq: 21 Aug 2024 16:26

Tgt Ion:264 Resp: 1128272  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.5 27.7  
 265 22.2 17.3 25.9

