

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082224\  
Data File : BM047317.D  
Acq On : 22 Aug 2024 15:10  
Operator : RC/JU  
Sample : P3671-10  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
S-928-K1-SO-0.5-1-081924

Quant Time: Aug 22 15:54:35 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  | 256729   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.104 | 136  | 976076   | 20.000 | ng    | -0.03    |
| 39) Acenaphthene-d10        | 14.010 | 164  | 648357   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 16.774 | 188  | 1364522  | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.015 | 240  | 1305173  | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 23.709 | 264  | 1329488  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.010  | 112  | 1270740  | 88.444 | ng    | -0.01    |
| 7) Phenol-d6                | 6.569  | 99   | 1692230  | 85.477 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.498  | 82   | 1089285  | 56.193 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.521 | 330  | 705291   | 93.816 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.616 | 172  | 2096788  | 49.885 | ng    | -0.03    |
| 79) Terphenyl-d14           | 19.445 | 244  | 3079802  | 50.563 | ng    | -0.02    |

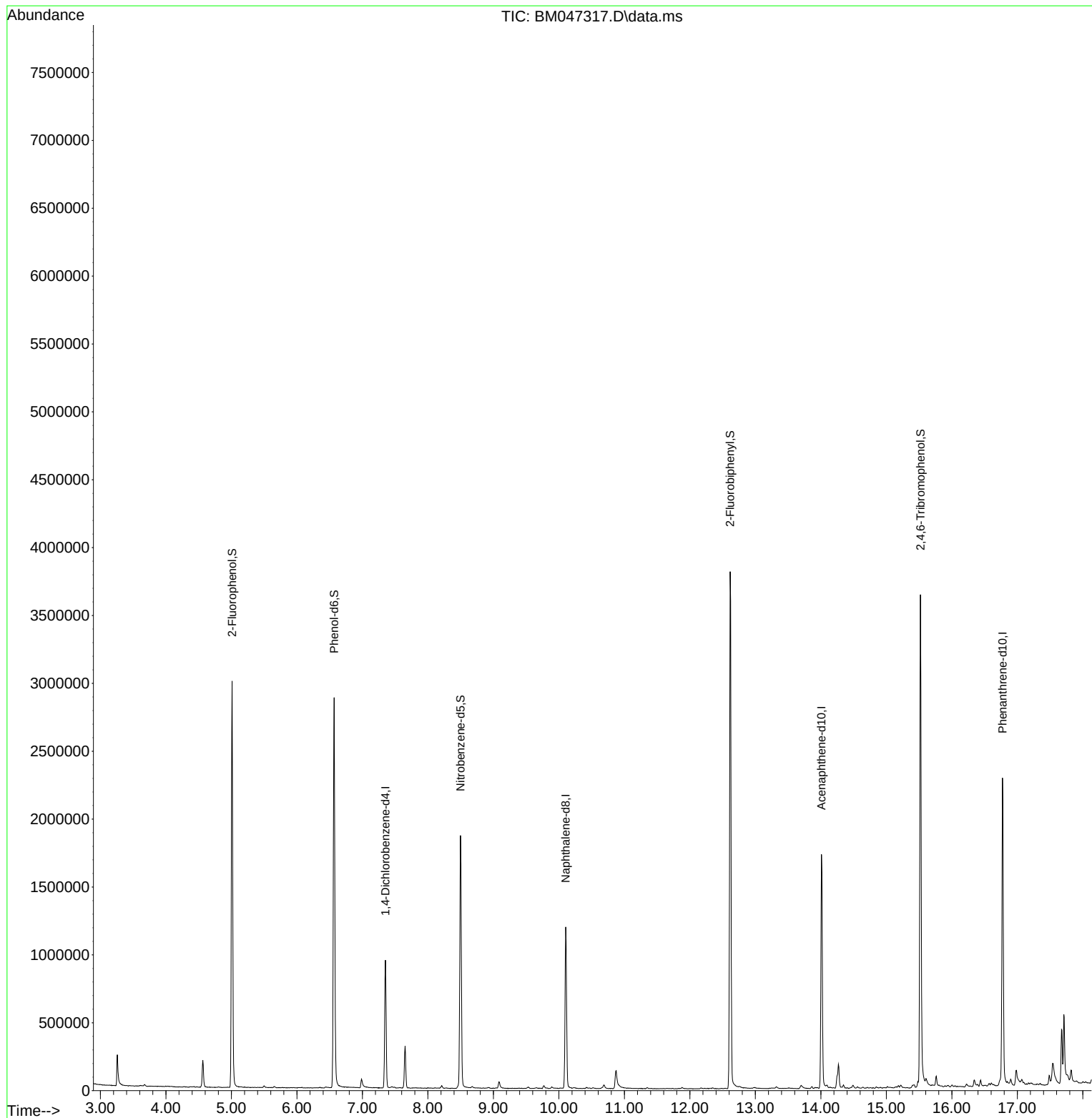
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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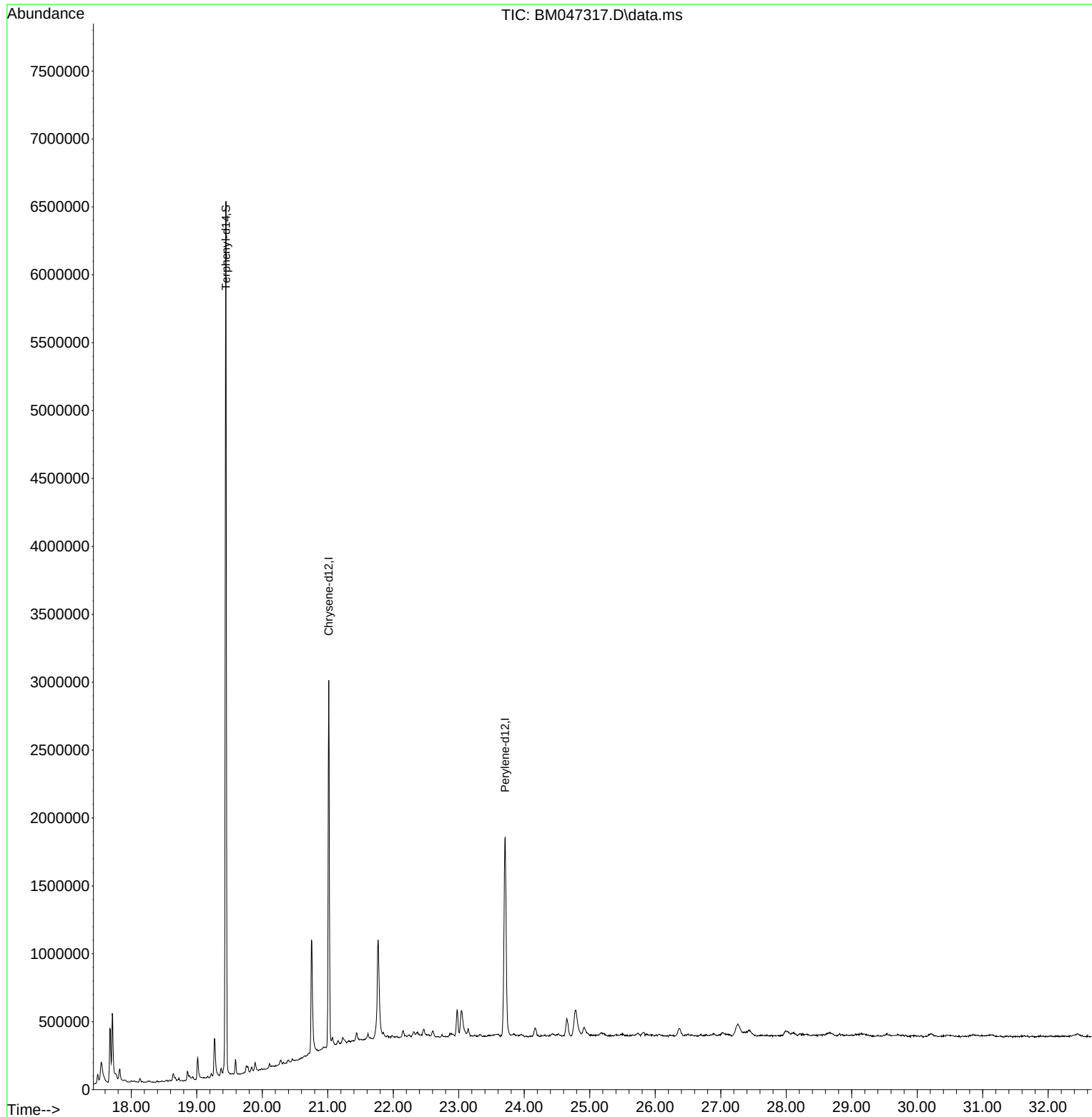
Quant Time: Aug 22 15:54:35 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Aug 11 23:47:58 2024  
Response via : Initial Calibration

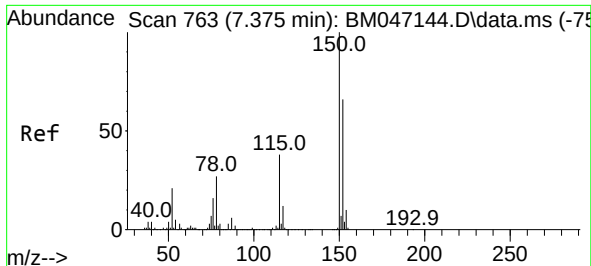


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082224\  
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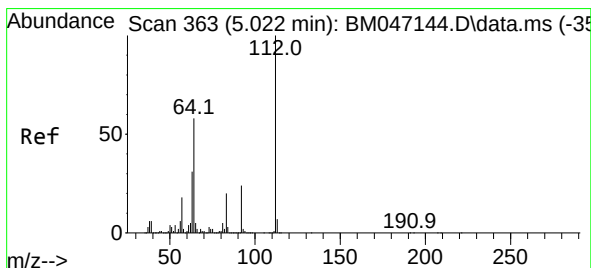
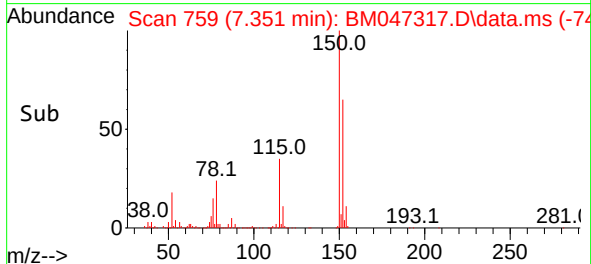
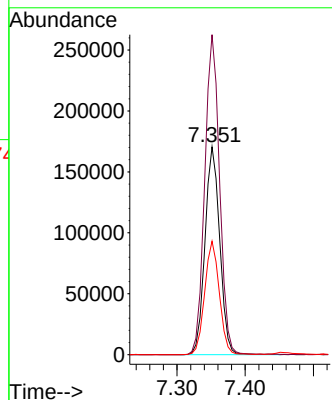
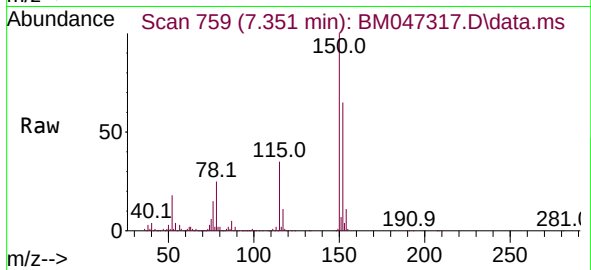




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.351 min Scan# 71  
Delta R.T. -0.024 min  
Lab File: BM047317.D  
Acq: 22 Aug 2024 15:10

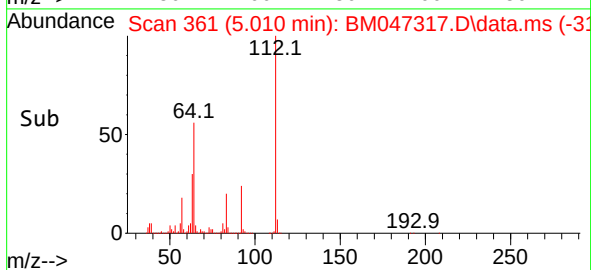
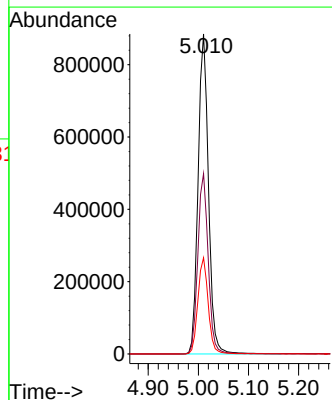
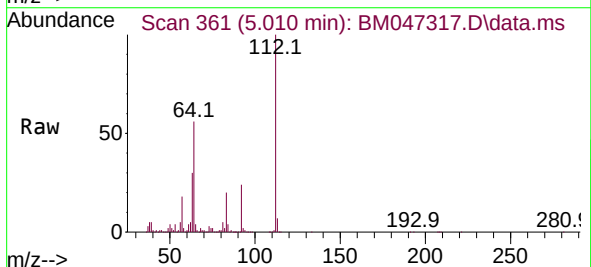
Instrument :  
BNA\_M  
ClientSampleId :  
S-928-K1-SO-0.5-1-081924

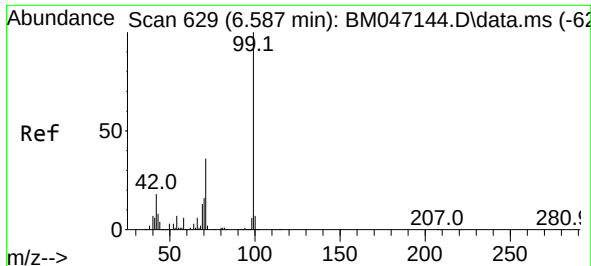
Tgt Ion:152 Resp: 256729  
Ion Ratio Lower Upper  
152 100  
150 153.9 120.5 180.7  
115 54.5 45.5 68.3



#5  
2-Fluorophenol  
Concen: 88.444 ng  
RT: 5.010 min Scan# 361  
Delta R.T. -0.012 min  
Lab File: BM047317.D  
Acq: 22 Aug 2024 15:10

Tgt Ion:112 Resp: 1270740  
Ion Ratio Lower Upper  
112 100  
64 56.3 46.7 70.1  
63 30.1 24.8 37.2

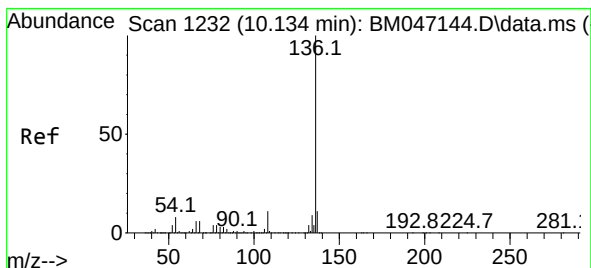
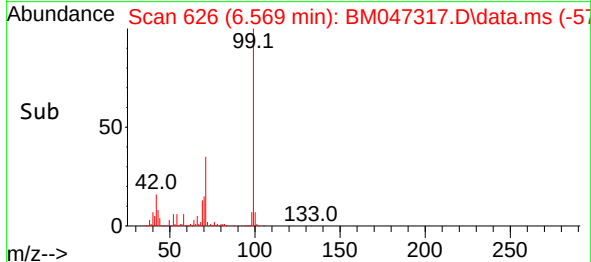
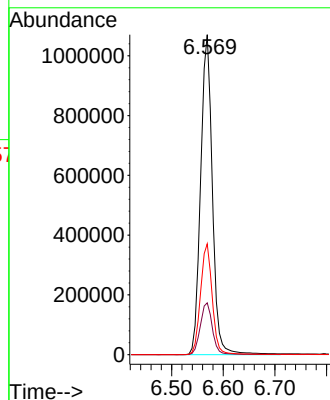
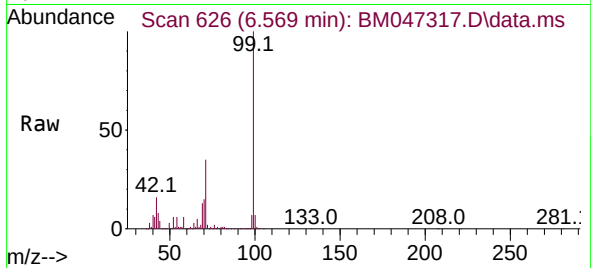




#7  
Phenol-d6  
Concen: 85.477 ng  
RT: 6.569 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM047317.D  
Acq: 22 Aug 2024 15:10

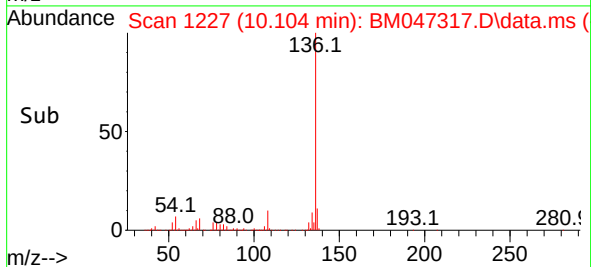
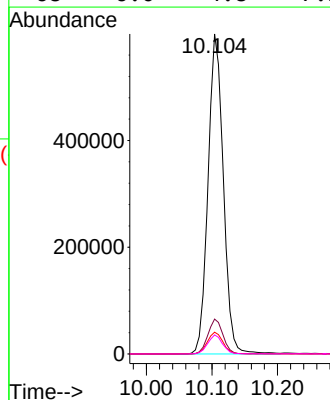
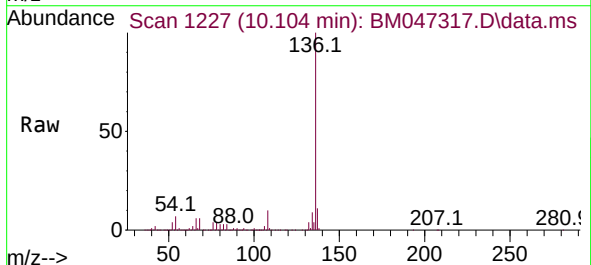
Instrument :  
BNA\_M  
ClientSampleId :  
S-928-K1-SO-0.5-1-081924

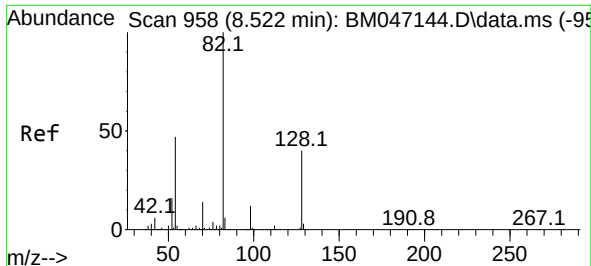
Tgt Ion: 99 Resp: 1692230  
Ion Ratio Lower Upper  
99 100  
42 16.2 14.1 21.1  
71 34.6 28.5 42.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.104 min Scan# 1227  
Delta R.T. -0.030 min  
Lab File: BM047317.D  
Acq: 22 Aug 2024 15:10

Tgt Ion: 136 Resp: 976076  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 6.8 6.0 9.0  
68 6.0 4.8 7.2

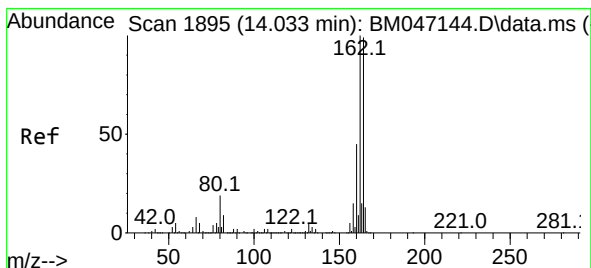
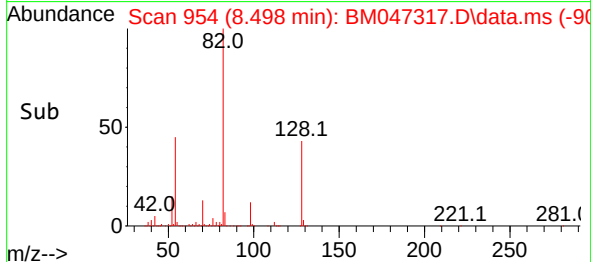
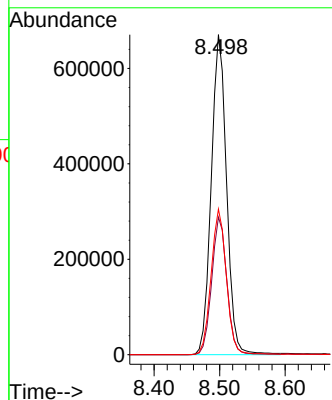
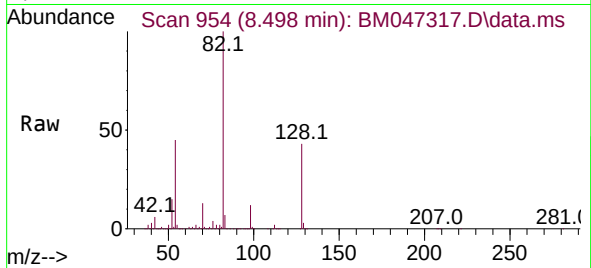




#23  
Nitrobenzene-d5  
Concen: 56.193 ng  
RT: 8.498 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: BM047317.D  
Acq: 22 Aug 2024 15:10

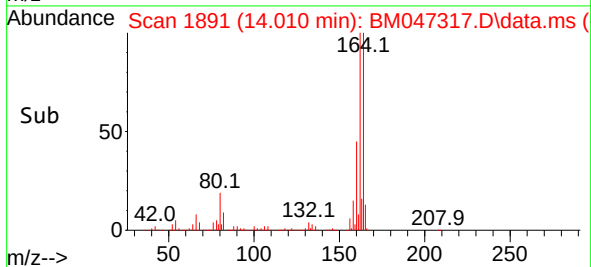
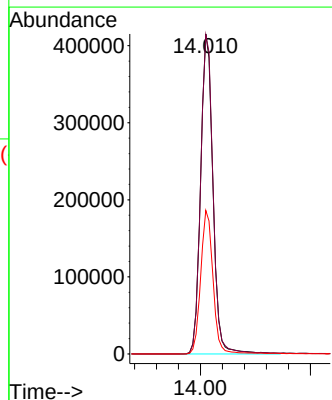
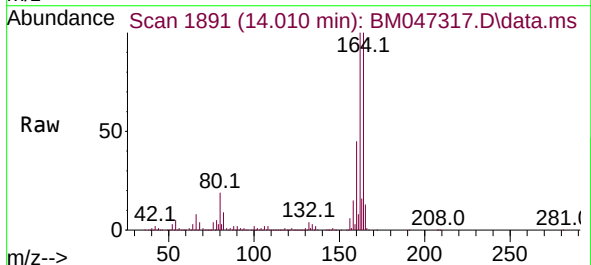
Instrument :  
BNA\_M  
ClientSampleId :  
S-928-K1-SO-0.5-1-081924

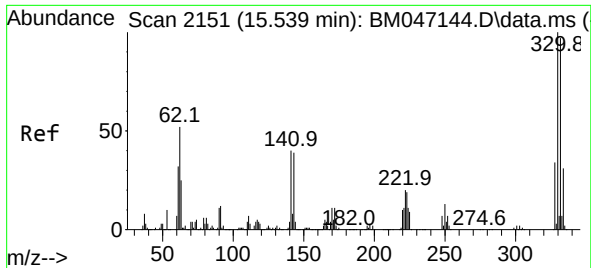
Tgt Ion: 82 Resp: 1089285  
Ion Ratio Lower Upper  
82 100  
128 42.9 32.3 48.5  
54 45.5 37.4 56.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.010 min Scan# 1891  
Delta R.T. -0.024 min  
Lab File: BM047317.D  
Acq: 22 Aug 2024 15:10

Tgt Ion:164 Resp: 648357  
Ion Ratio Lower Upper  
164 100  
162 99.8 80.7 121.1  
160 44.9 36.0 54.0

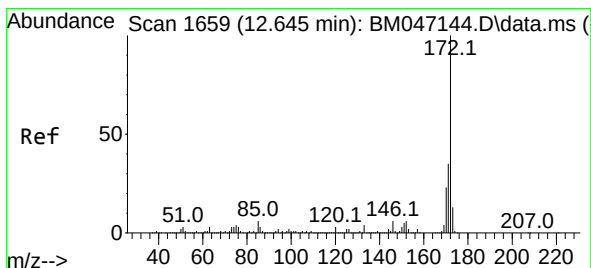
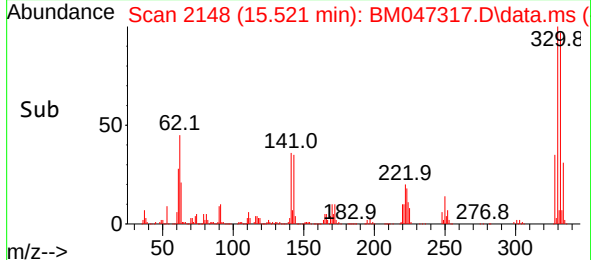
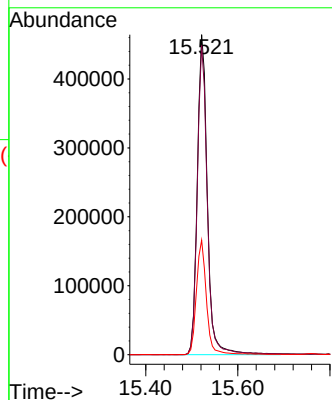
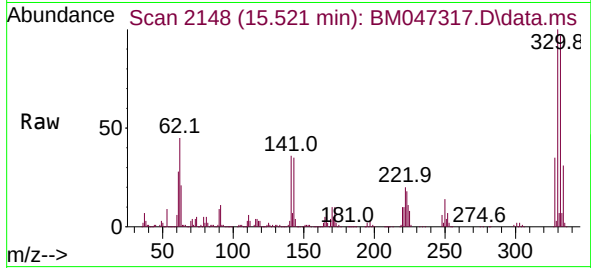




#42  
2,4,6-Tribromophenol  
Concen: 93.816 ng  
RT: 15.521 min Scan# 2151  
Delta R.T. -0.018 min  
Lab File: BM047317.D  
Acq: 22 Aug 2024 15:10

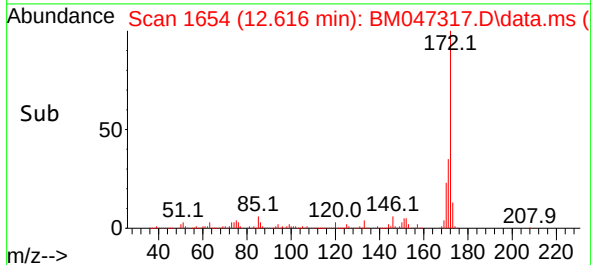
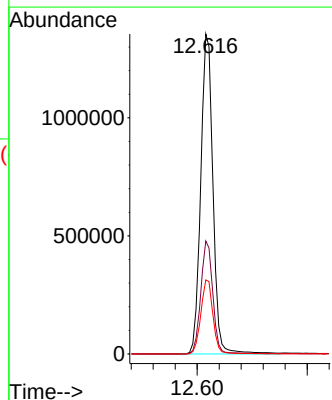
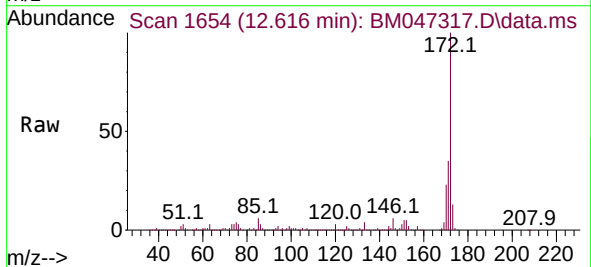
Instrument :  
BNA\_M  
ClientSampleId :  
S-928-K1-SO-0.5-1-081924

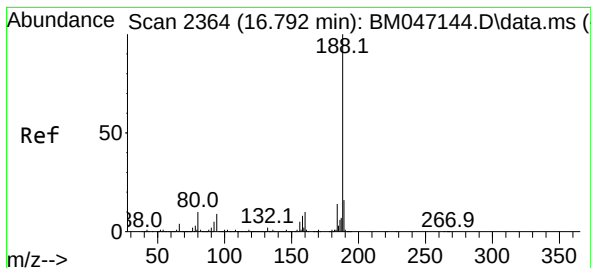
Tgt Ion:330 Resp: 705291  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.4 116.2  
141 35.7 31.6 47.4



#45  
2-Fluorobiphenyl  
Concen: 49.885 ng  
RT: 12.616 min Scan# 1654  
Delta R.T. -0.029 min  
Lab File: BM047317.D  
Acq: 22 Aug 2024 15:10

Tgt Ion:172 Resp: 2096788  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.8 41.6  
170 23.1 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: BM047317.D

Acq: 22 Aug 2024 15:10

Instrument :

BNA\_M

ClientSampleId :

S-928-K1-SO-0.5-1-081924

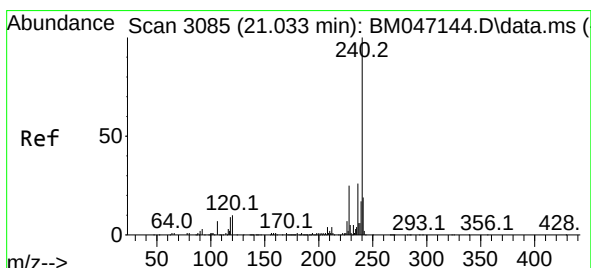
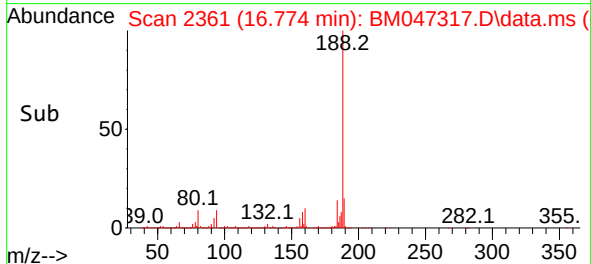
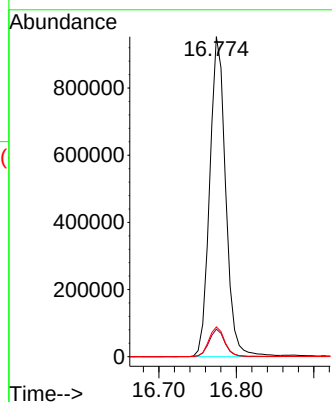
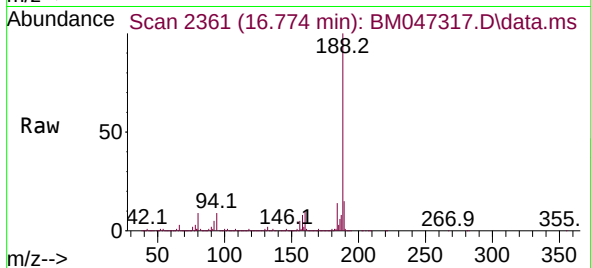
Tgt Ion:188 Resp: 1364522

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.3 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: BM047317.D

Acq: 22 Aug 2024 15:10

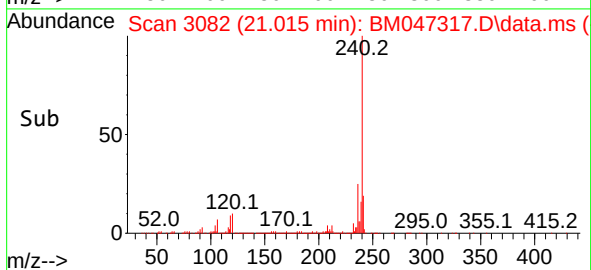
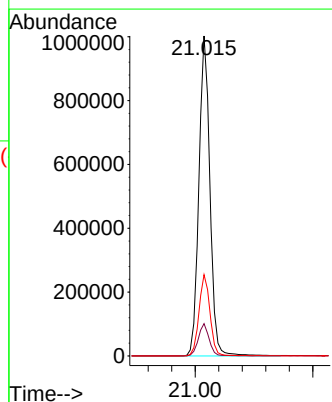
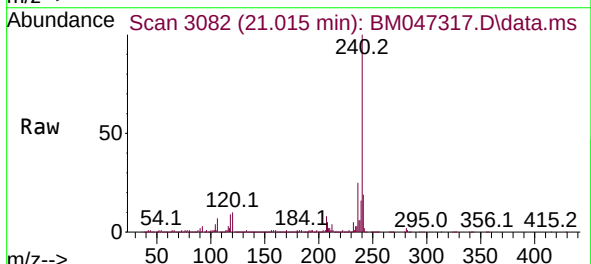
Tgt Ion:240 Resp: 1305173

Ion Ratio Lower Upper

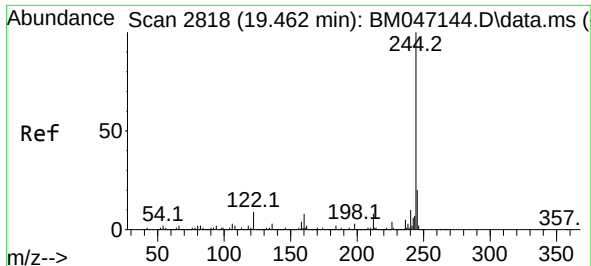
240 100

120 10.1 8.2 12.2

236 25.4 20.6 30.8



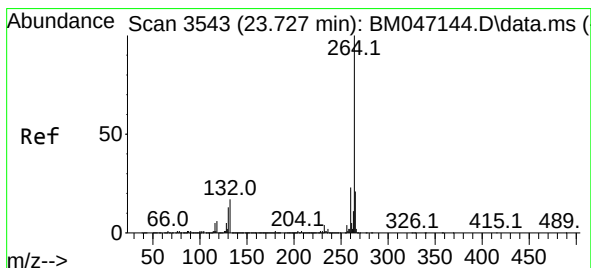
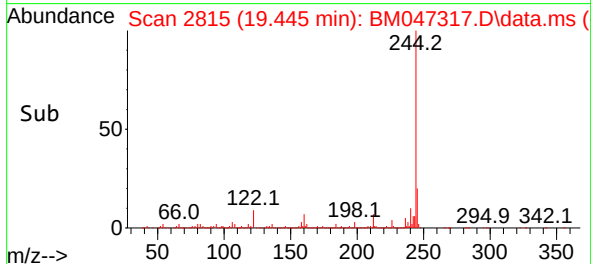
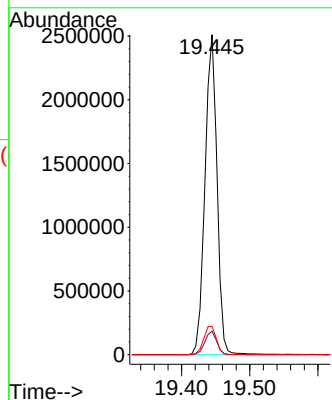
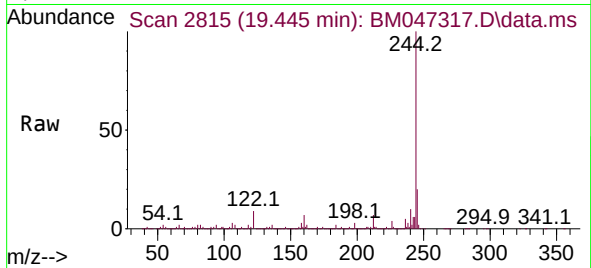




#79  
Terphenyl-d14  
Concen: 50.563 ng  
RT: 19.445 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BM047317.D  
Acq: 22 Aug 2024 15:10

Instrument :  
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S-928-K1-SO-0.5-1-081924

Tgt Ion:244 Resp: 3079802  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.2 9.4  
122 8.9 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: BM047317.D  
Acq: 22 Aug 2024 15:10

Tgt Ion:264 Resp: 1329488  
Ion Ratio Lower Upper  
264 100  
260 22.7 18.5 27.7  
265 22.0 17.3 25.9

