

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091824\  
Data File : BM047557.D  
Acq On : 18 Sep 2024 15:41  
Operator : RC/JU  
Sample : P4085-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
COMP-1

Quant Time: Sep 18 16:33:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM091424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Sep 15 08:56:37 2024  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.845  | 152  | 205182   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.639 | 136  | 787068   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.474 | 164  | 422633   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.209 | 188  | 840225   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.433 | 240  | 738229   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 24.456 | 264  | 872296   | 20.000  | ng    | -0.01    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 1452414  | 112.708 | ng    | 0.00     |
| 7) Phenol-d6                | 7.004  | 99   | 1792145  | 98.752  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.992  | 82   | 1083716  | 68.909  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.957 | 330  | 360796   | 88.320  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.098 | 172  | 1708103  | 55.674  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.821 | 244  | 2625673  | 63.734  | ng    | -0.01    |

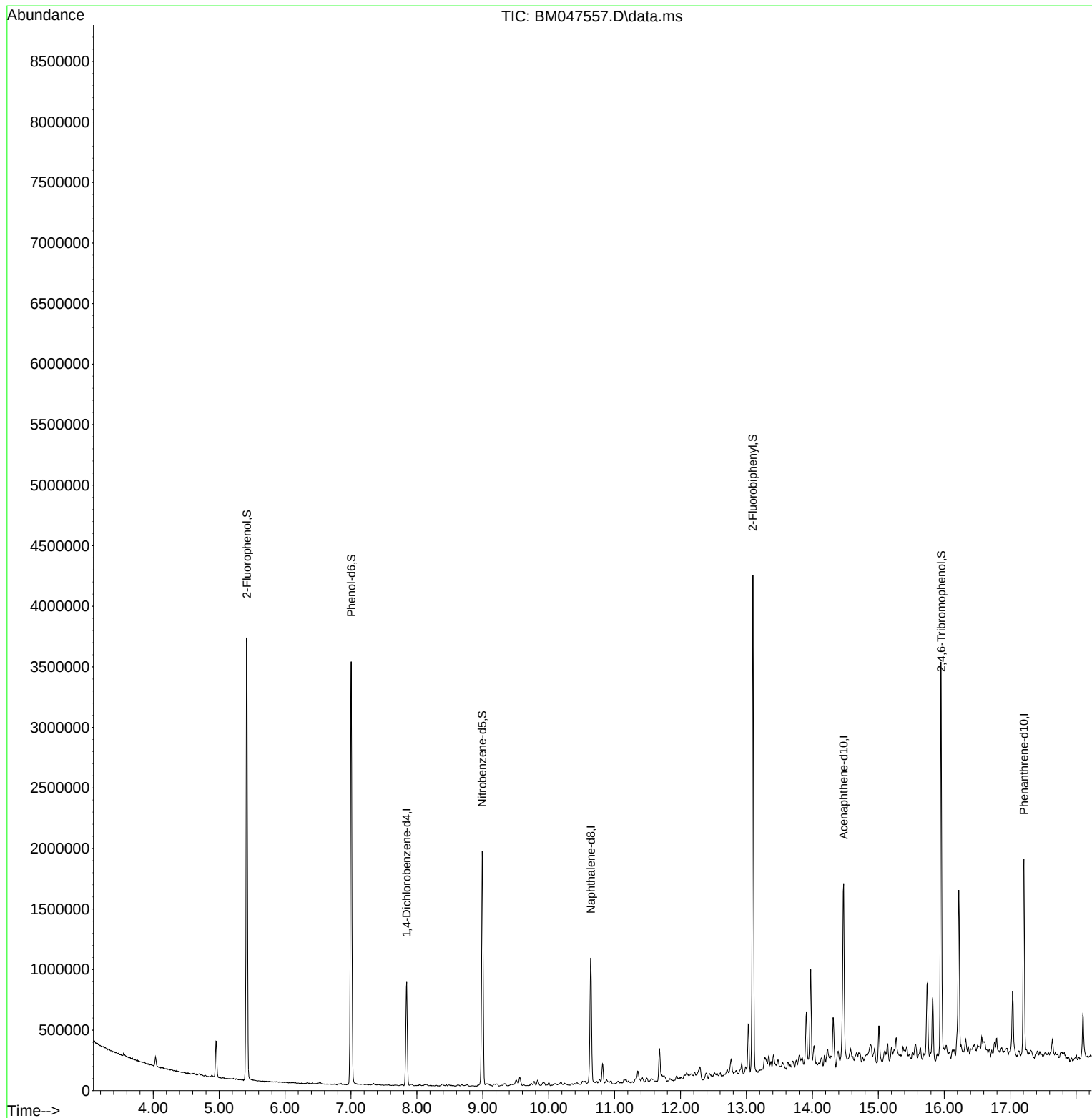
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091824\  
Data File : BM047557.D  
Acq On : 18 Sep 2024 15:41  
Operator : RC/JU  
Sample : P4085-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
COMP-1

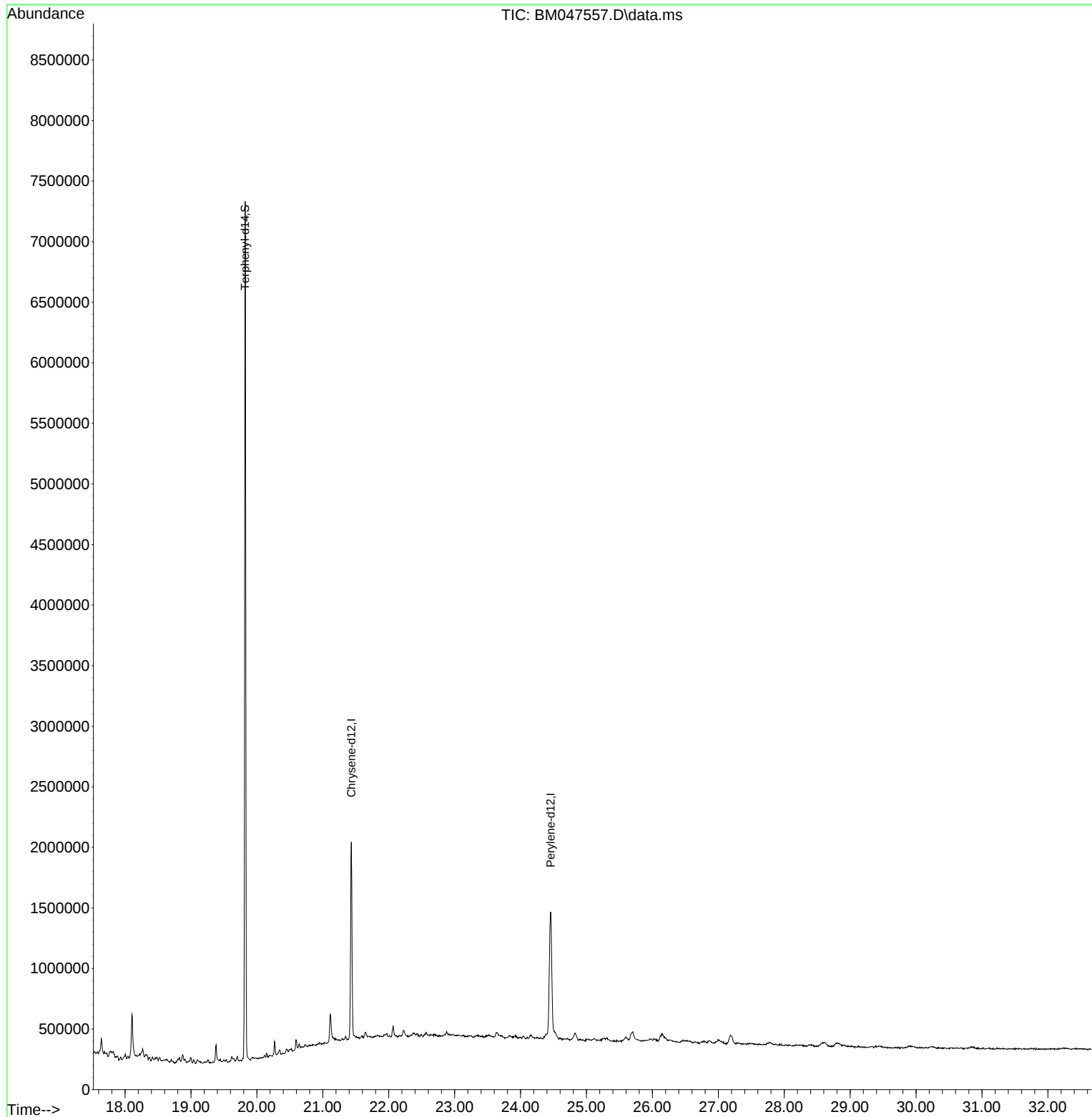
Quant Time: Sep 18 16:33:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM091424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Sep 15 08:56:37 2024  
Response via : Initial Calibration

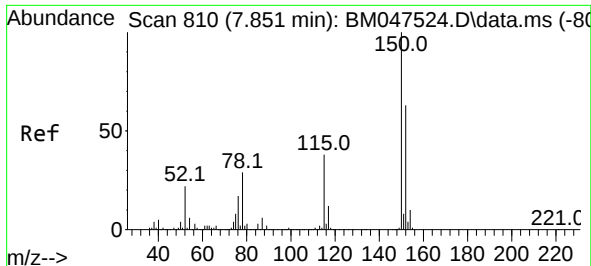


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091824\  
Data File : BM047557.D  
Acq On : 18 Sep 2024 15:41  
Operator : RC/JU  
Sample : P4085-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
COMP-1

Quant Time: Sep 18 16:33:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM091424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Sep 15 08:56:37 2024  
Response via : Initial Calibration

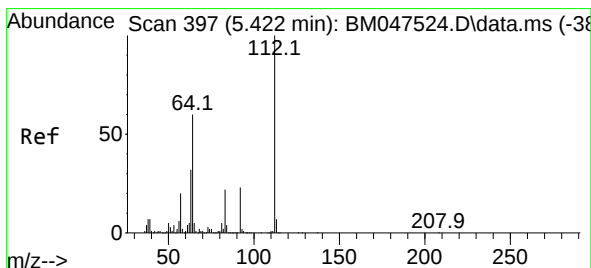
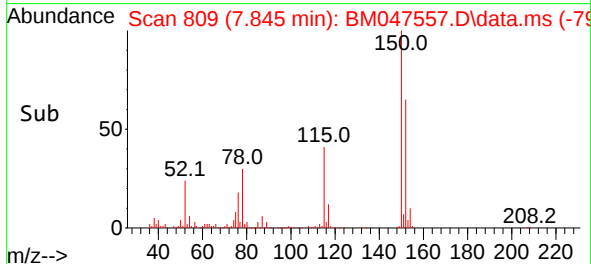
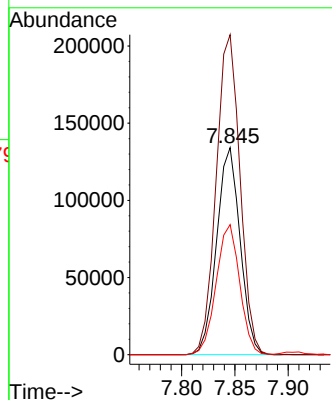
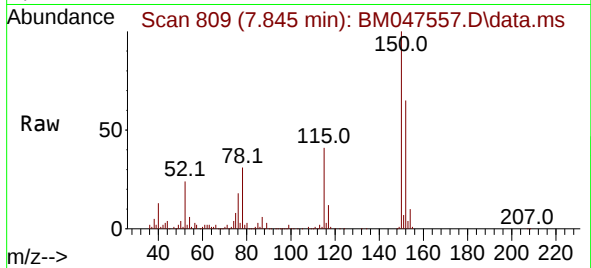




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.845 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BM047557.D  
Acq: 18 Sep 2024 15:41

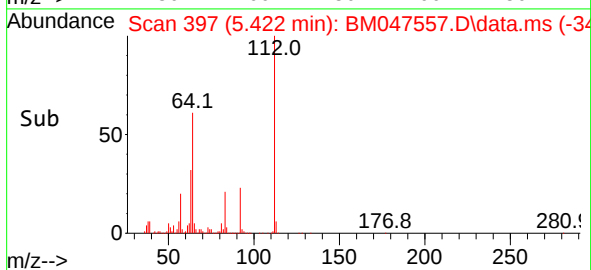
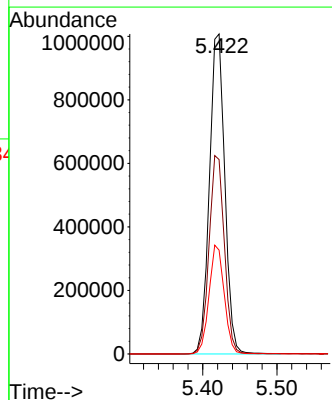
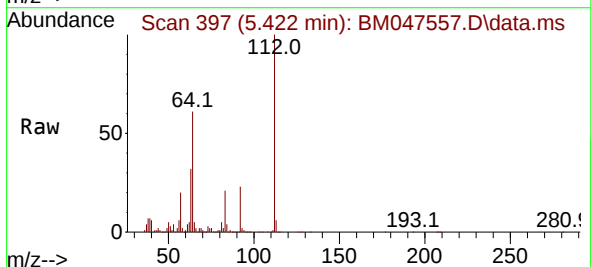
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-1

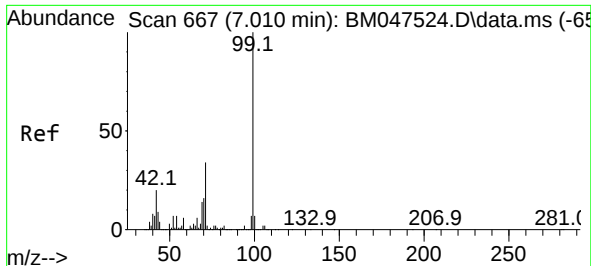
Tgt Ion:152 Resp: 205182  
Ion Ratio Lower Upper  
152 100  
150 154.5 126.8 190.2  
115 62.8 47.8 71.8



#5  
2-Fluorophenol  
Concen: 112.708 ng  
RT: 5.422 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: BM047557.D  
Acq: 18 Sep 2024 15:41

Tgt Ion:112 Resp: 1452414  
Ion Ratio Lower Upper  
112 100  
64 60.8 48.2 72.4  
63 32.4 26.0 39.0

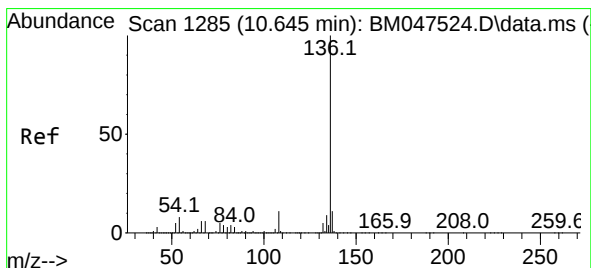
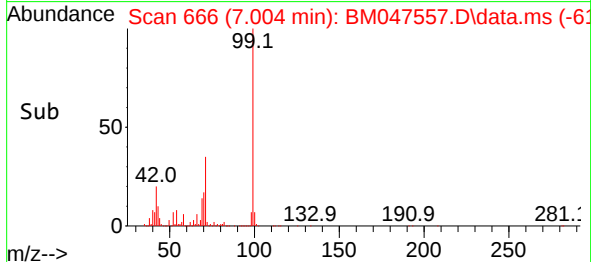
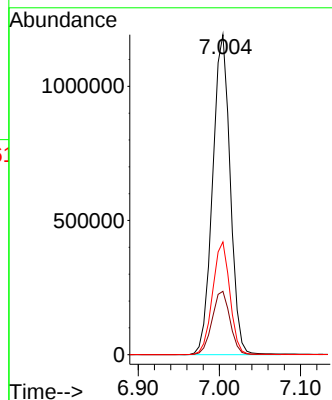
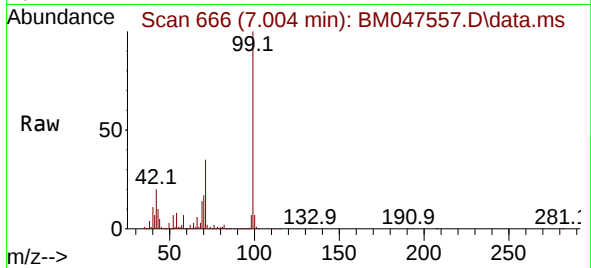




#7  
Phenol-d6  
Concen: 98.752 ng  
RT: 7.004 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM047557.D  
Acq: 18 Sep 2024 15:41

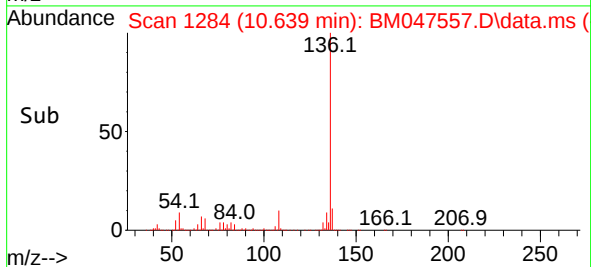
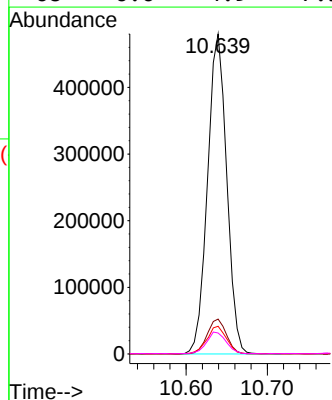
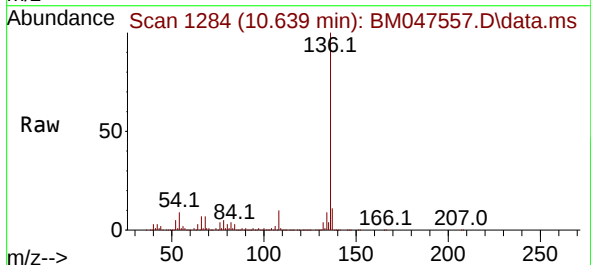
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-1

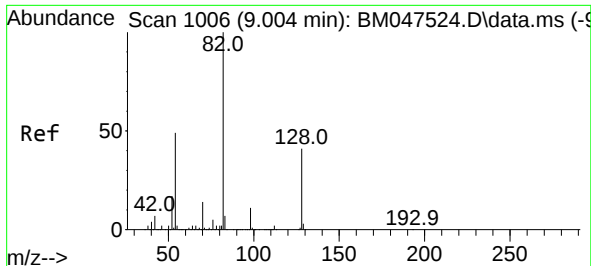
Tgt Ion: 99 Resp: 1792145  
Ion Ratio Lower Upper  
99 100  
42 19.8 15.8 23.8  
71 35.2 27.6 41.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.639 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BM047557.D  
Acq: 18 Sep 2024 15:41

Tgt Ion: 136 Resp: 787068  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.6  
54 8.6 6.6 9.8  
68 6.6 4.9 7.3

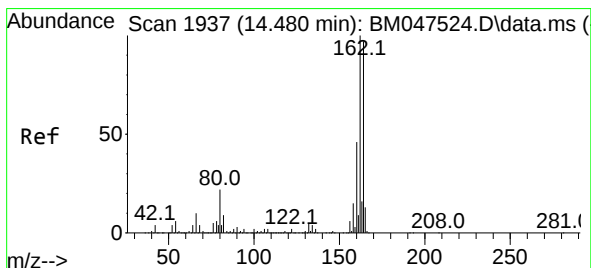
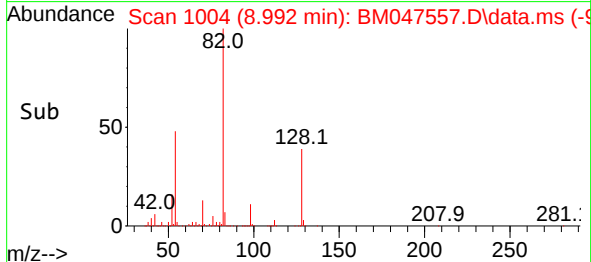
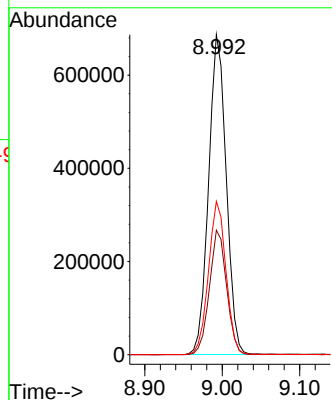
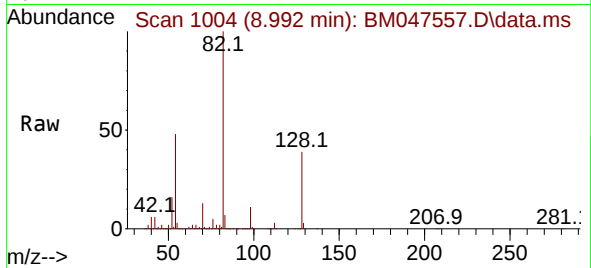




#23  
Nitrobenzene-d5  
Concen: 68.909 ng  
RT: 8.992 min Scan# 1004  
Delta R.T. -0.012 min  
Lab File: BM047557.D  
Acq: 18 Sep 2024 15:41

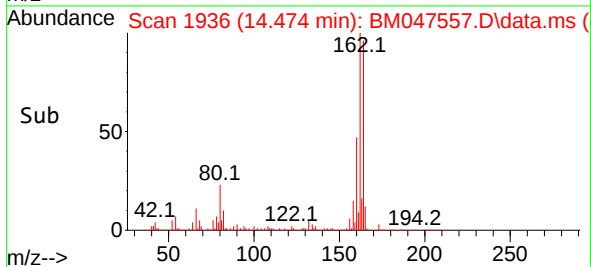
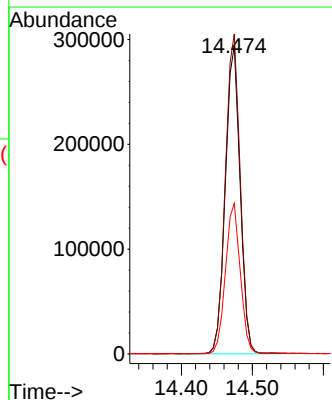
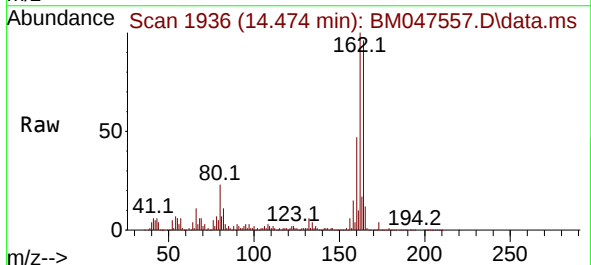
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-1

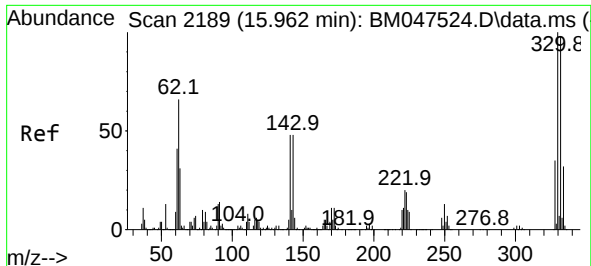
Tgt Ion: 82 Resp: 1083716  
Ion Ratio Lower Upper  
82 100  
128 38.9 33.0 49.4  
54 47.9 39.3 58.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.474 min Scan# 1936  
Delta R.T. -0.006 min  
Lab File: BM047557.D  
Acq: 18 Sep 2024 15:41

Tgt Ion:164 Resp: 422633  
Ion Ratio Lower Upper  
164 100  
162 103.8 82.2 123.2  
160 48.8 38.2 57.2

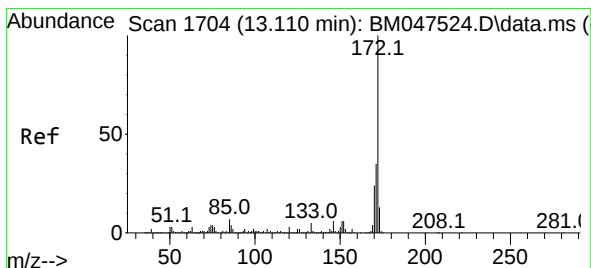
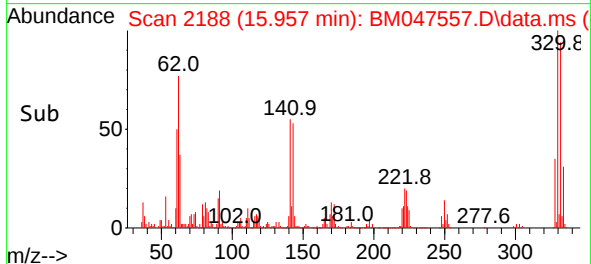
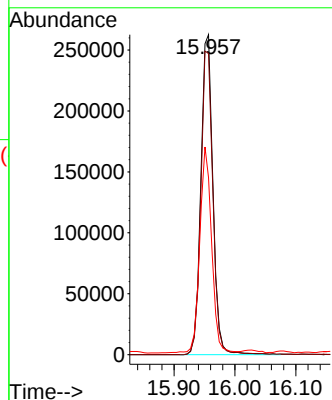
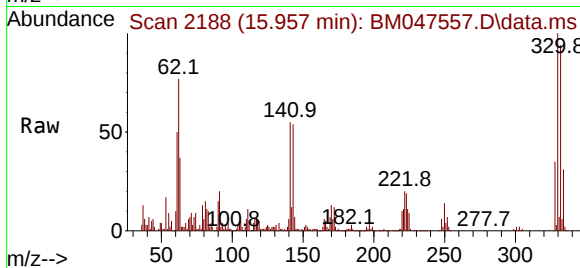




#42  
2,4,6-Tribromophenol  
Concen: 88.320 ng  
RT: 15.957 min Scan# 2189  
Delta R.T. -0.006 min  
Lab File: BM047557.D  
Acq: 18 Sep 2024 15:41

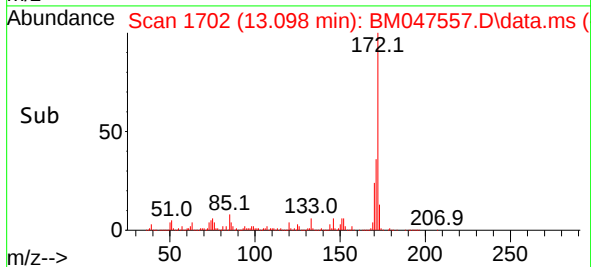
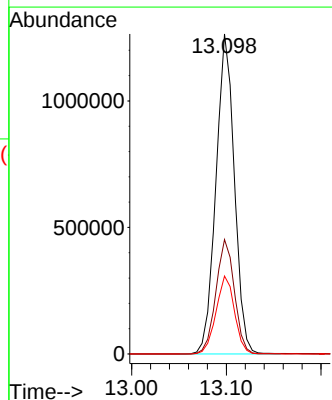
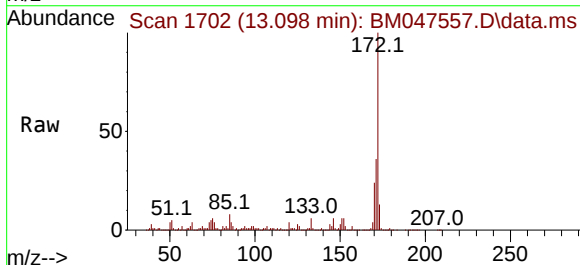
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-1

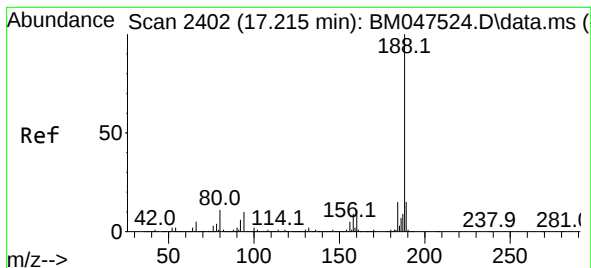
Tgt Ion:330 Resp: 360796  
Ion Ratio Lower Upper  
330 100  
332 95.0 76.9 115.3  
141 63.2 42.2 63.2



#45  
2-Fluorobiphenyl  
Concen: 55.674 ng  
RT: 13.098 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BM047557.D  
Acq: 18 Sep 2024 15:41

Tgt Ion:172 Resp: 1708103  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.2 42.2  
170 24.3 19.4 29.0

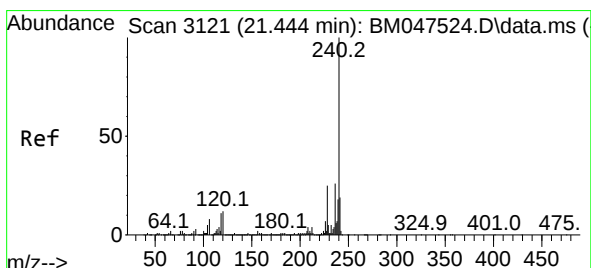
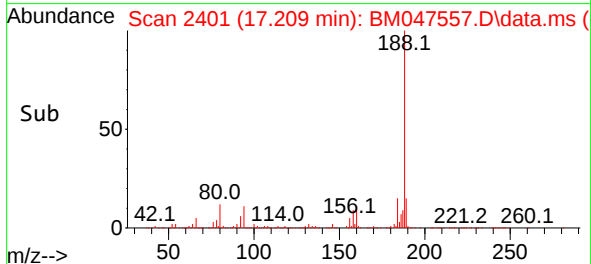
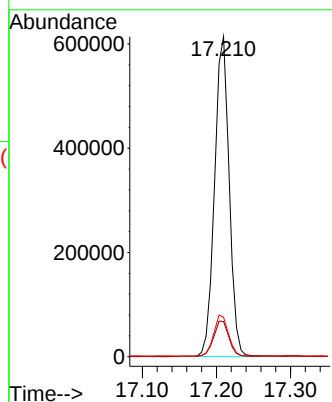
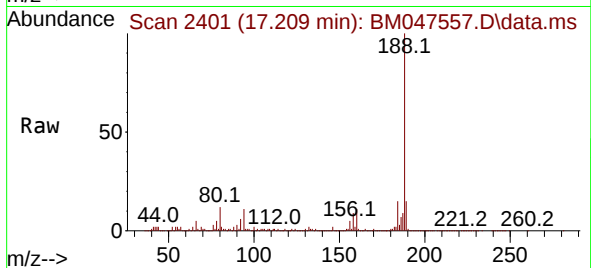




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.209 min Scan# 2401  
Delta R.T. -0.006 min  
Lab File: BM047557.D  
Acq: 18 Sep 2024 15:41

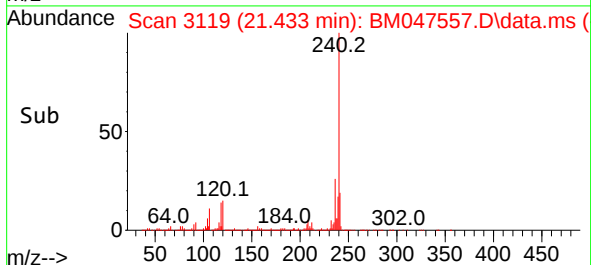
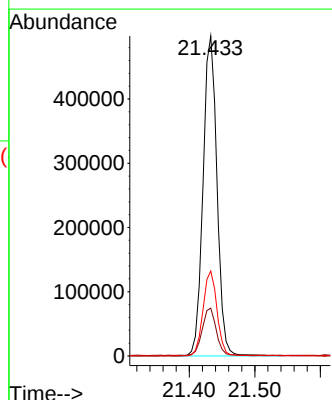
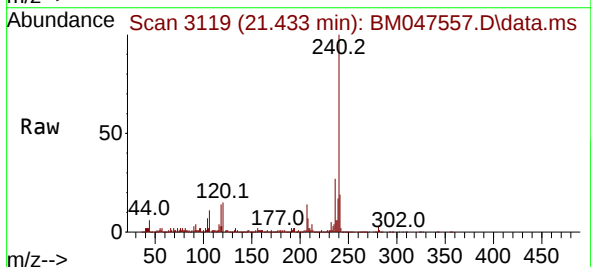
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-1

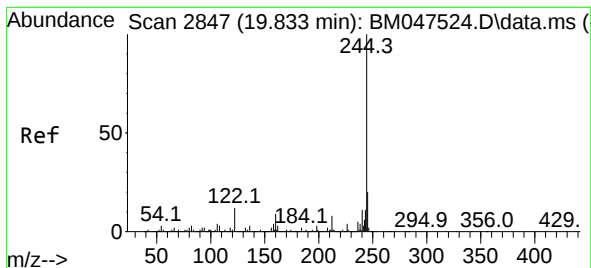
Tgt Ion:188 Resp: 840225  
Ion Ratio Lower Upper  
188 100  
94 11.0 8.4 12.6  
80 12.4 9.1 13.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.433 min Scan# 3119  
Delta R.T. -0.011 min  
Lab File: BM047557.D  
Acq: 18 Sep 2024 15:41

Tgt Ion:240 Resp: 738229  
Ion Ratio Lower Upper  
240 100  
120 14.9 9.6 14.4#  
236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 63.734 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047557.D

Acq: 18 Sep 2024 15:41

Instrument :

BNA\_M

ClientSampleId :

COMP-1

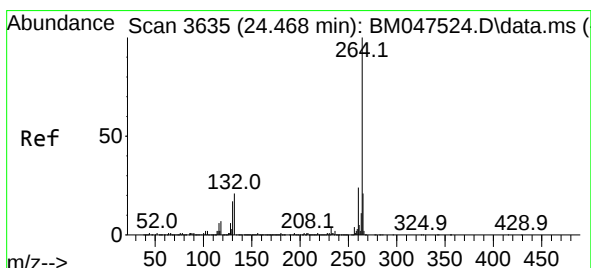
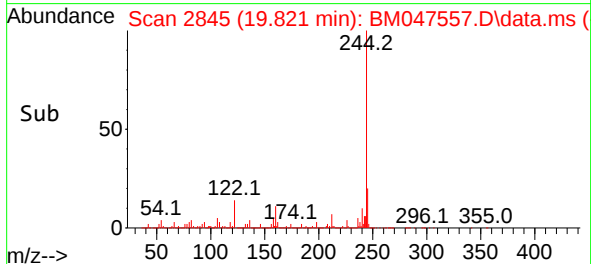
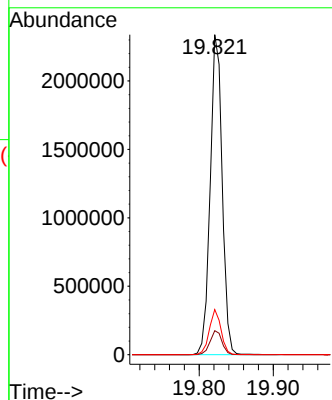
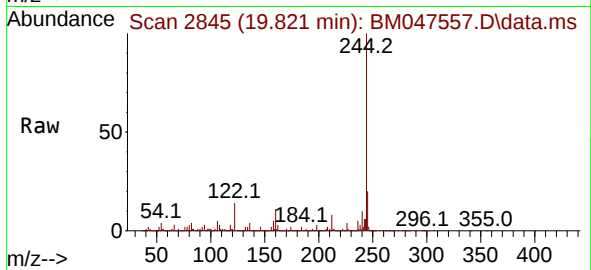
Tgt Ion:244 Resp: 2625673

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 14.1 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3633

Delta R.T. -0.012 min

Lab File: BM047557.D

Acq: 18 Sep 2024 15:41

Tgt Ion:264 Resp: 872296

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.7 17.4 26.2

