

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092324\  
Data File : BM047604.D  
Acq On : 23 Sep 2024 15:04  
Operator : RC/JU  
Sample : P4135-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
S1-6

Quant Time: Sep 23 15:50:13 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM092024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 21 02:22:39 2024  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.839  | 152  | 310995   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.633 | 136  | 1184750  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.468 | 164  | 598833   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.203 | 188  | 1119861  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.427 | 240  | 953381   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 24.450 | 264  | 1034355  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.410  | 112  | 2439163  | 120.191 | ng    | -0.01    |
| 7) Phenol-d6                | 6.998  | 99   | 3144602  | 117.599 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.986  | 82   | 1871911  | 78.653  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.951 | 330  | 673768   | 121.509 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.092 | 172  | 3417263  | 80.746  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.821 | 244  | 4884884  | 91.934  | ng    | 0.00     |

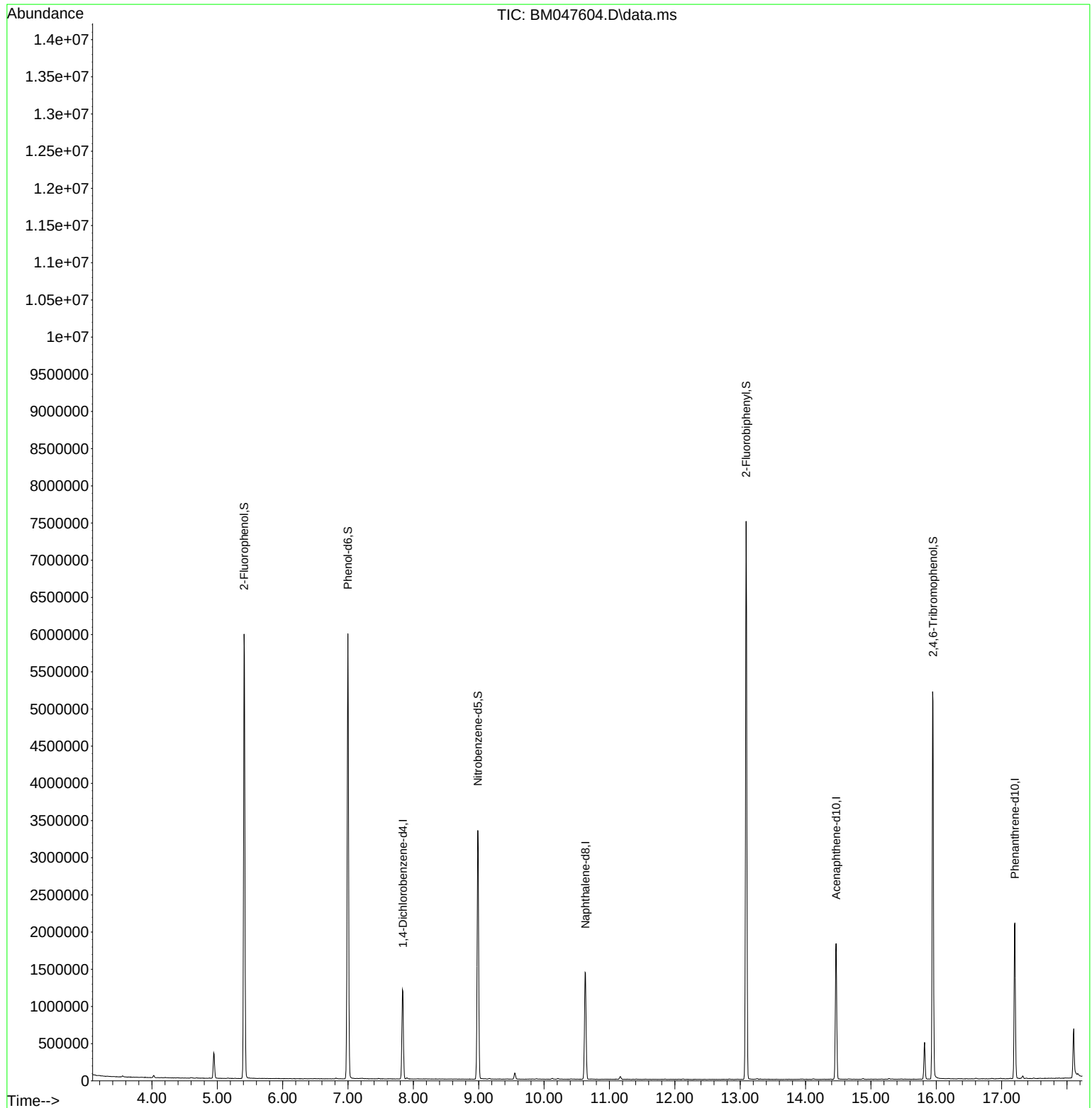
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092324\  
Data File : BM047604.D  
Acq On : 23 Sep 2024 15:04  
Operator : RC/JU  
Sample : P4135-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
S1-6

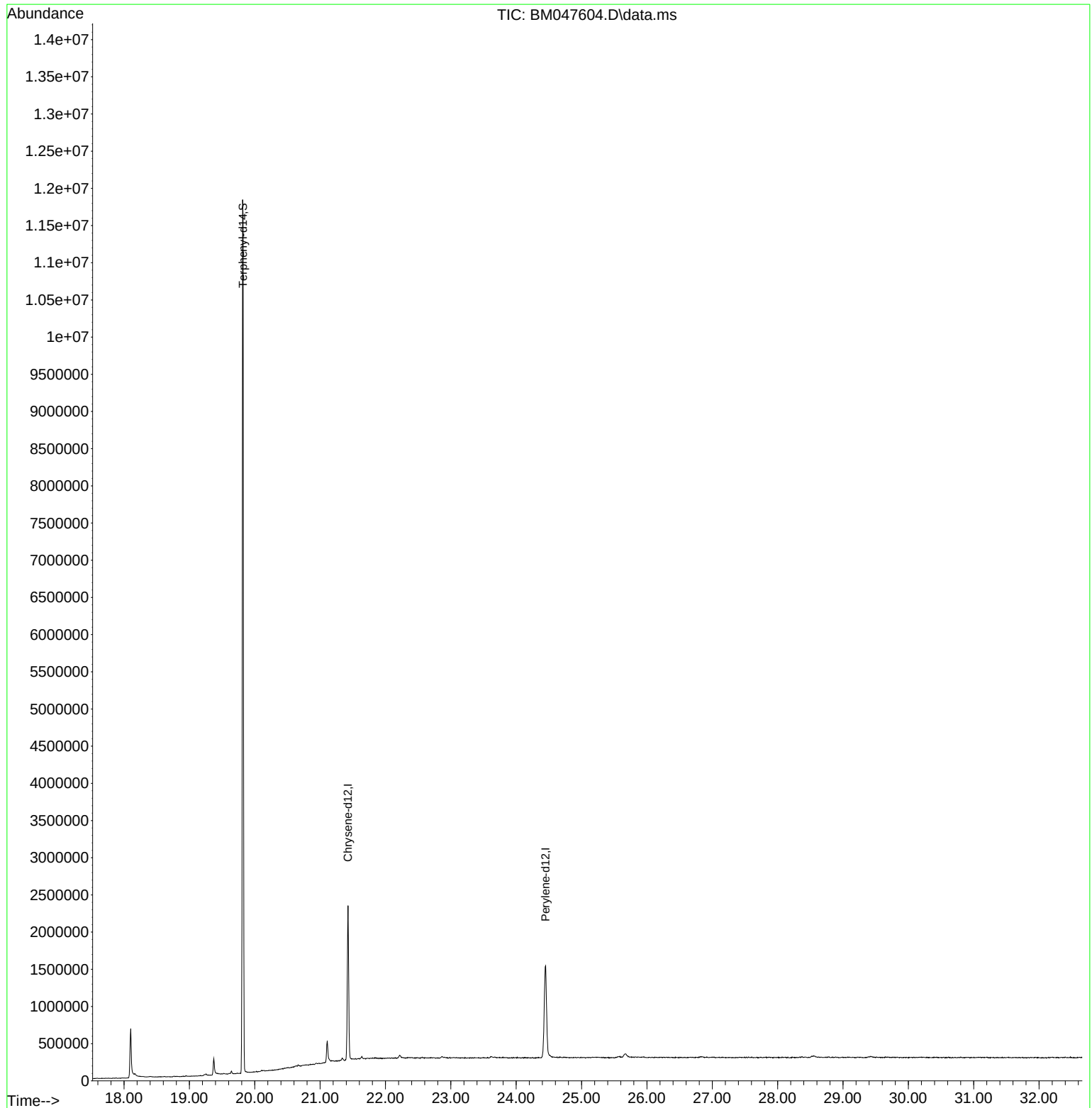
Quant Time: Sep 23 15:50:13 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM092024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 21 02:22:39 2024  
Response via : Initial Calibration

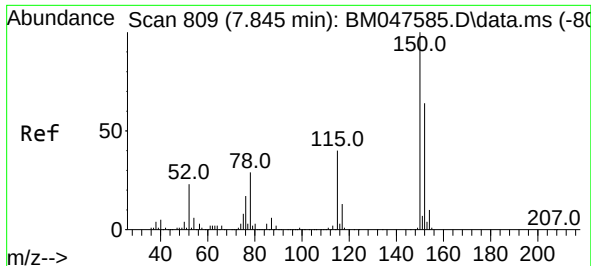


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092324\  
Data File : BM047604.D  
Acq On : 23 Sep 2024 15:04  
Operator : RC/JU  
Sample : P4135-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
S1-6

Quant Time: Sep 23 15:50:13 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM092024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 21 02:22:39 2024  
Response via : Initial Calibration

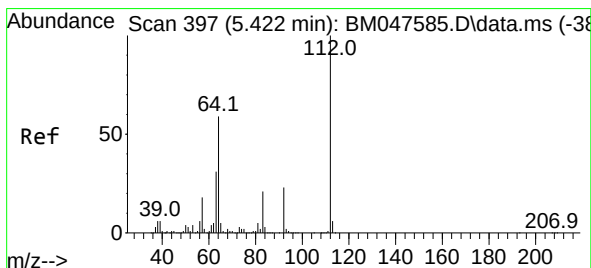
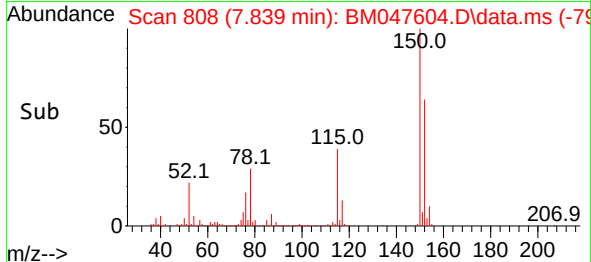
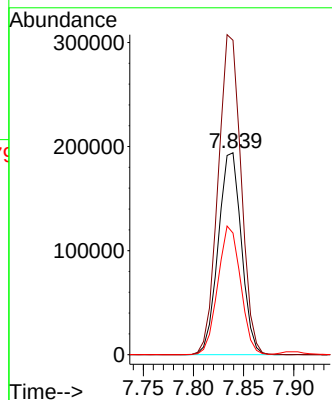
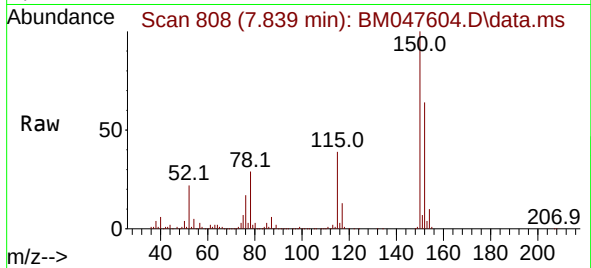




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.839 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BM047604.D  
Acq: 23 Sep 2024 15:04

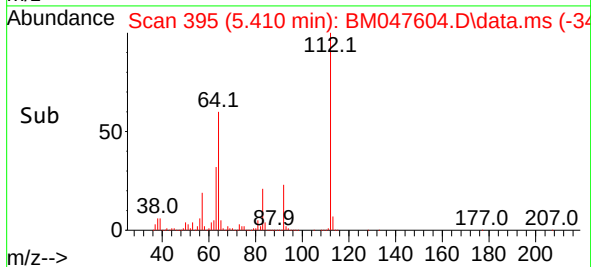
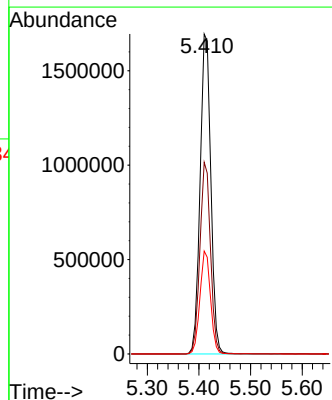
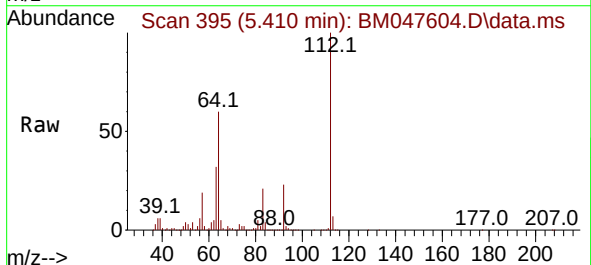
Instrument :  
BNA\_M  
ClientSampleId :  
S1-6

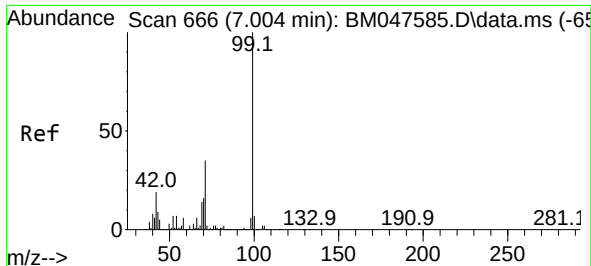
Tgt Ion:152 Resp: 310995  
Ion Ratio Lower Upper  
152 100  
150 155.7 124.5 186.7  
115 60.3 49.9 74.9



#5  
2-Fluorophenol  
Concen: 120.191 ng  
RT: 5.410 min Scan# 395  
Delta R.T. -0.012 min  
Lab File: BM047604.D  
Acq: 23 Sep 2024 15:04

Tgt Ion:112 Resp: 2439163  
Ion Ratio Lower Upper  
112 100  
64 59.9 46.8 70.2  
63 32.1 25.2 37.8



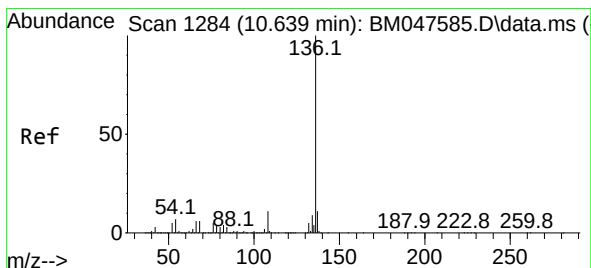
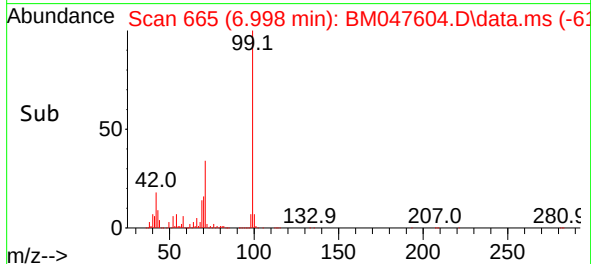
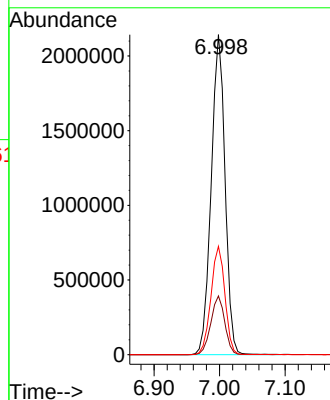
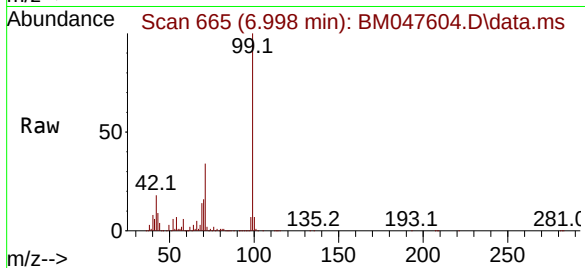


#7  
Phenol-d6  
Concen: 117.599 ng  
RT: 6.998 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BM047604.D  
Acq: 23 Sep 2024 15:04

Instrument :  
BNA\_M  
ClientSampleId :  
S1-6

Tgt Ion: 99 Resp: 3144602

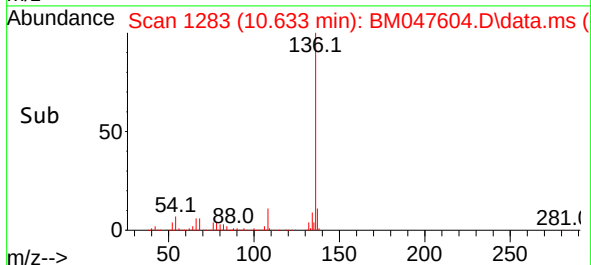
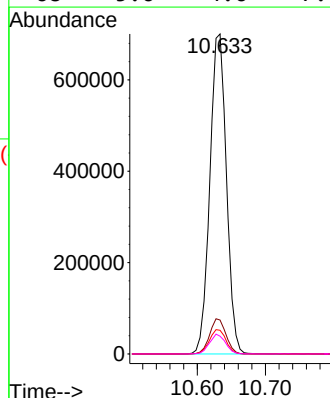
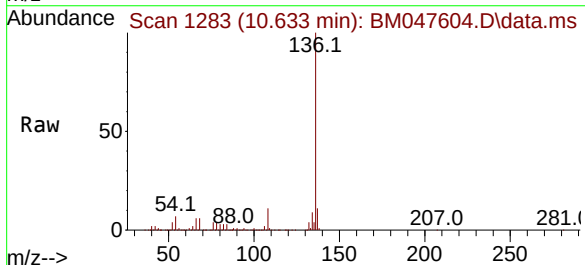
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.4  | 15.3  | 22.9  |
| 71  | 33.9  | 27.8  | 41.6  |

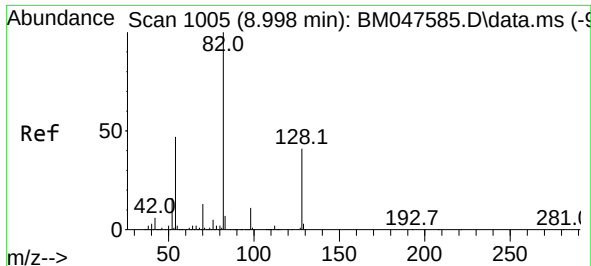


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.633 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: BM047604.D  
Acq: 23 Sep 2024 15:04

Tgt Ion:136 Resp: 1184750

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 9.0   | 13.4  |
| 54  | 7.4   | 6.0   | 9.0   |
| 68  | 5.6   | 4.6   | 7.0   |

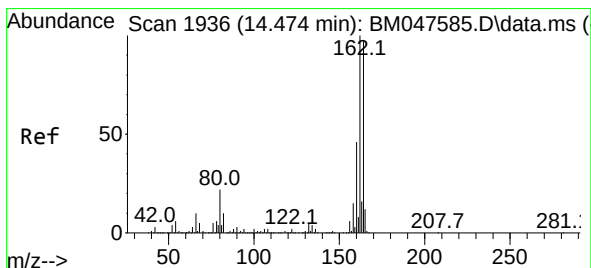
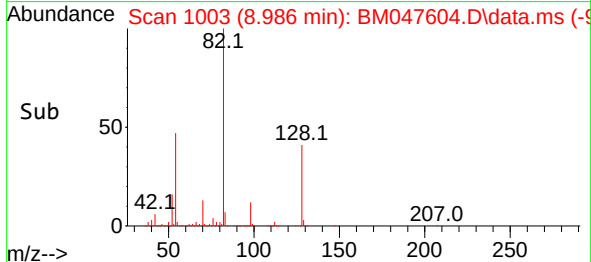
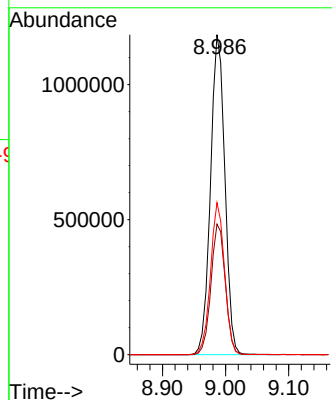
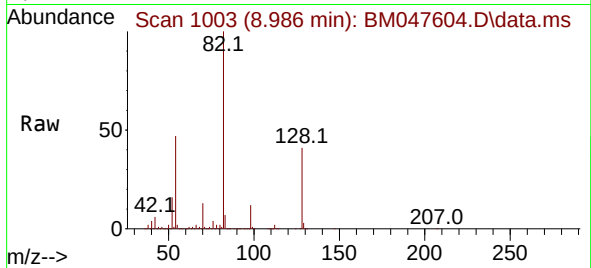




#23  
Nitrobenzene-d5  
Concen: 78.653 ng  
RT: 8.986 min Scan# 1003  
Delta R.T. -0.012 min  
Lab File: BM047604.D  
Acq: 23 Sep 2024 15:04

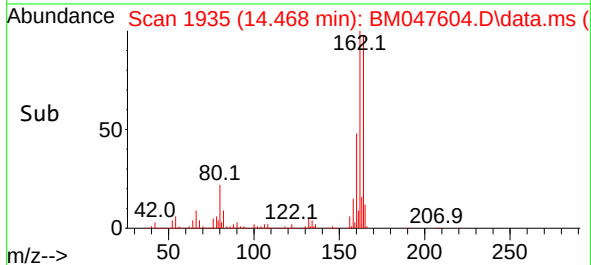
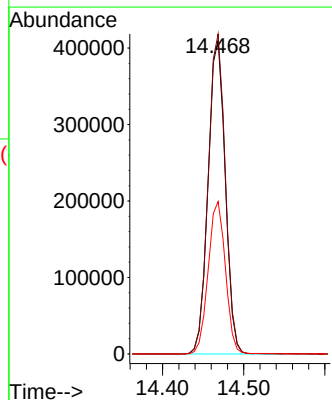
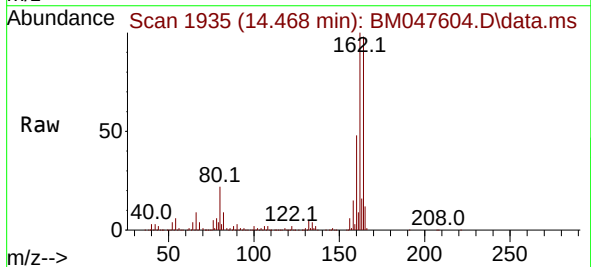
Instrument :  
BNA\_M  
ClientSampleId :  
S1-6

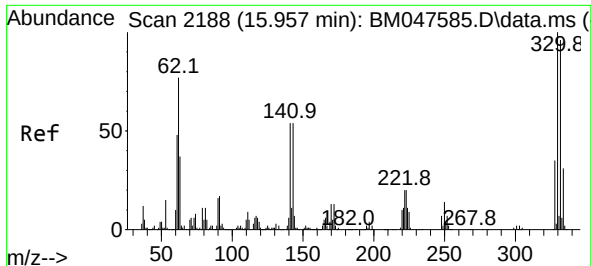
Tgt Ion: 82 Resp: 1871911  
Ion Ratio Lower Upper  
82 100  
128 40.8 32.5 48.7  
54 47.5 37.5 56.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.468 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BM047604.D  
Acq: 23 Sep 2024 15:04

Tgt Ion:164 Resp: 598833  
Ion Ratio Lower Upper  
164 100  
162 102.1 82.6 123.8  
160 48.6 37.8 56.6

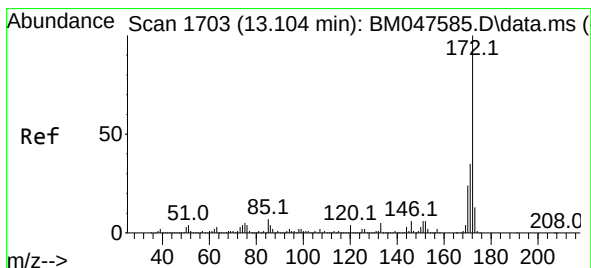
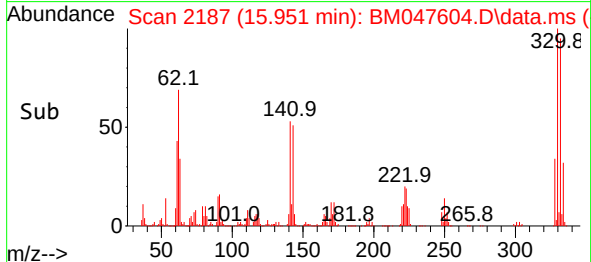
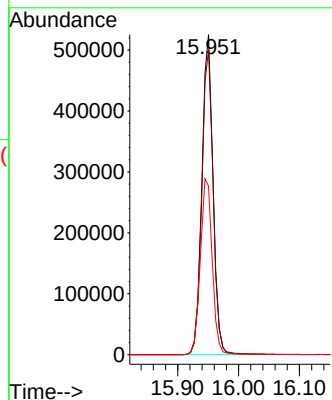
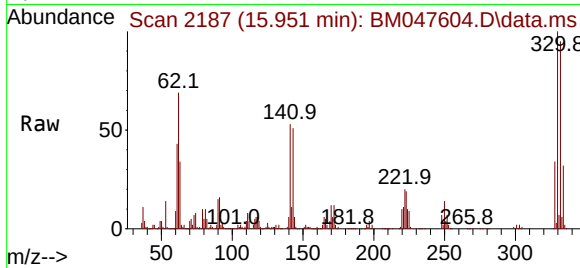




#42  
2,4,6-Tribromophenol  
Concen: 121.509 ng  
RT: 15.951 min Scan# 2188  
Delta R.T. -0.006 min  
Lab File: BM047604.D  
Acq: 23 Sep 2024 15:04

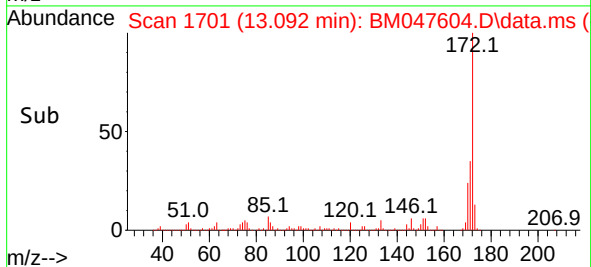
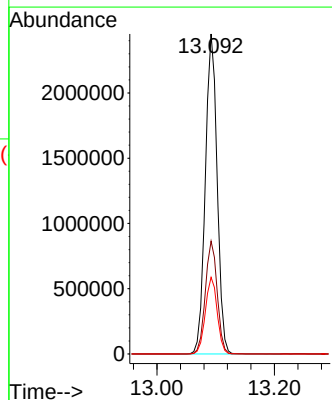
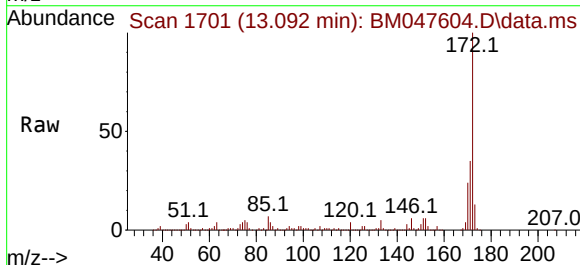
Instrument :  
BNA\_M  
ClientSampleId :  
S1-6

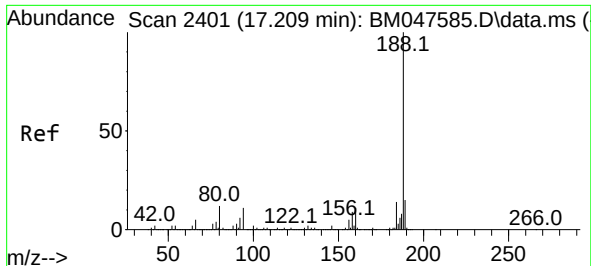
Tgt Ion:330 Resp: 673768  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.0 115.4  
141 58.3 45.9 68.9



#45  
2-Fluorobiphenyl  
Concen: 80.746 ng  
RT: 13.092 min Scan# 1701  
Delta R.T. -0.012 min  
Lab File: BM047604.D  
Acq: 23 Sep 2024 15:04

Tgt Ion:172 Resp: 3417263  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.1 42.1  
170 24.0 19.0 28.6

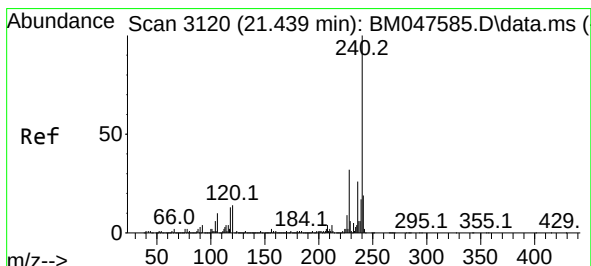
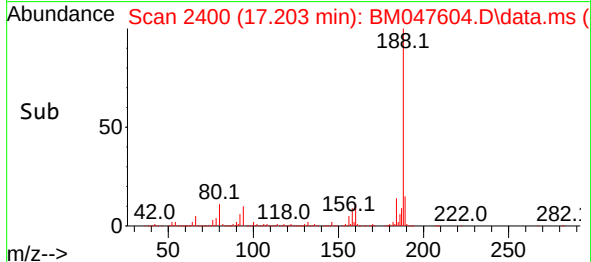
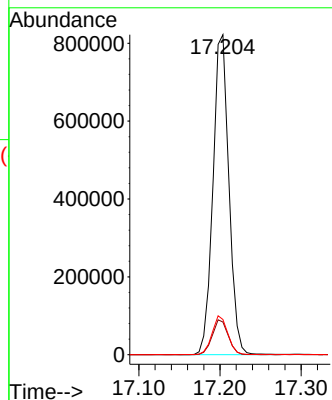
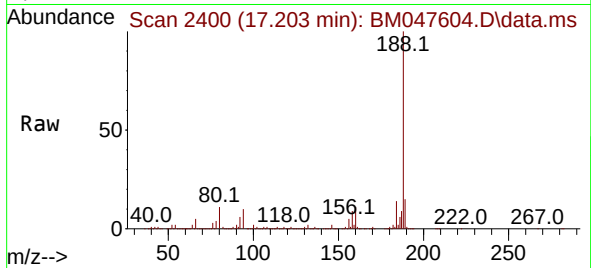




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.203 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BM047604.D  
Acq: 23 Sep 2024 15:04

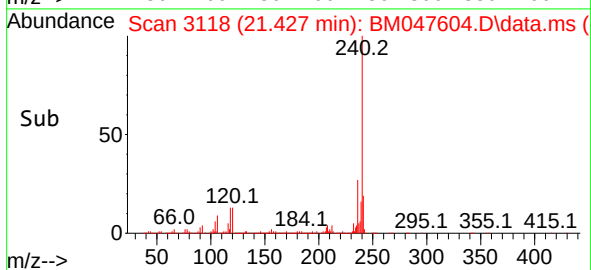
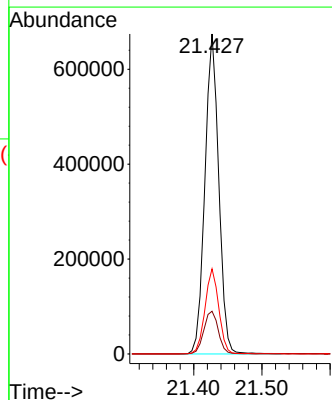
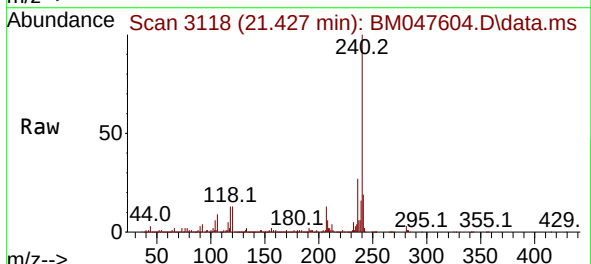
Instrument :  
BNA\_M  
ClientSampleId :  
S1-6

Tgt Ion:188 Resp: 1119861  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.6 13.0  
80 11.0 9.9 14.9

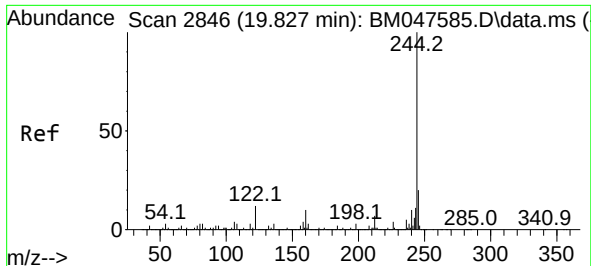


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.427 min Scan# 3118  
Delta R.T. -0.012 min  
Lab File: BM047604.D  
Acq: 23 Sep 2024 15:04

Tgt Ion:240 Resp: 953381  
Ion Ratio Lower Upper  
240 100  
120 13.3 10.8 16.2  
236 26.6 20.8 31.2



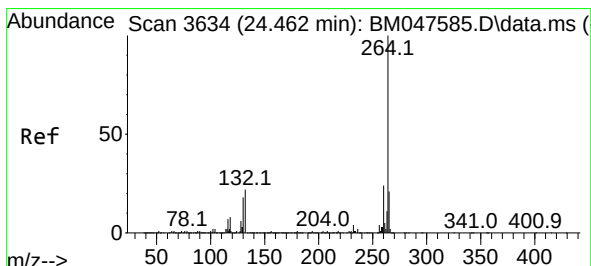
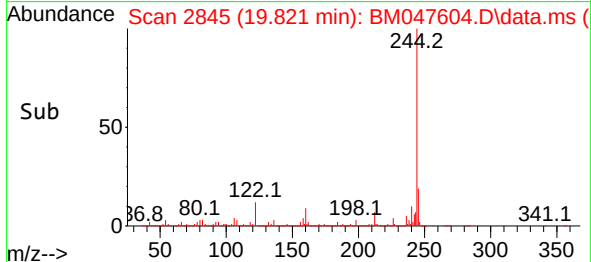
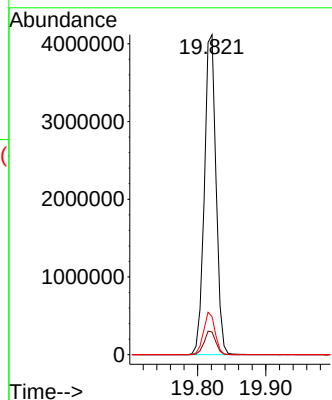
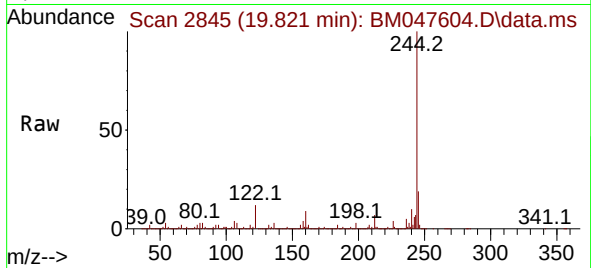




#79  
 Terphenyl-d14  
 Concen: 91.934 ng  
 RT: 19.821 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047604.D  
 Acq: 23 Sep 2024 15:04

Instrument :  
 BNA\_M  
 ClientSampleId :  
 S1-6

Tgt Ion:244 Resp: 4884884  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.0 9.0  
 122 11.9 10.0 15.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.450 min Scan# 3632  
 Delta R.T. -0.012 min  
 Lab File: BM047604.D  
 Acq: 23 Sep 2024 15:04

Tgt Ion:264 Resp: 1034355  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.9 28.3  
 265 21.5 17.0 25.6

