

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040225\  
 Data File : BM049792.D  
 Acq On : 02 Apr 2025 16:04  
 Operator : RC/JU  
 Sample : Q1681-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-12

Quant Time: Apr 02 16:55:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 14:55:34 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 263164   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.581 | 136  | 894158   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.427 | 164  | 574229   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.168 | 188  | 1151097  | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.398 | 240  | 1284311  | 20.000  | ng    | -0.03    |
| 86) Perylene-d12            | 24.397 | 264  | 1307668  | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.369  | 112  | 1560883  | 100.079 | ng    | -0.02    |
| 7) Phenol-d6                | 6.957  | 99   | 1977834  | 101.050 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.940  | 82   | 1173009  | 67.353  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.916 | 330  | 762953   | 113.784 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.051 | 172  | 2799354  | 61.053  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.792 | 244  | 4555356  | 59.770  | ng    | -0.02    |

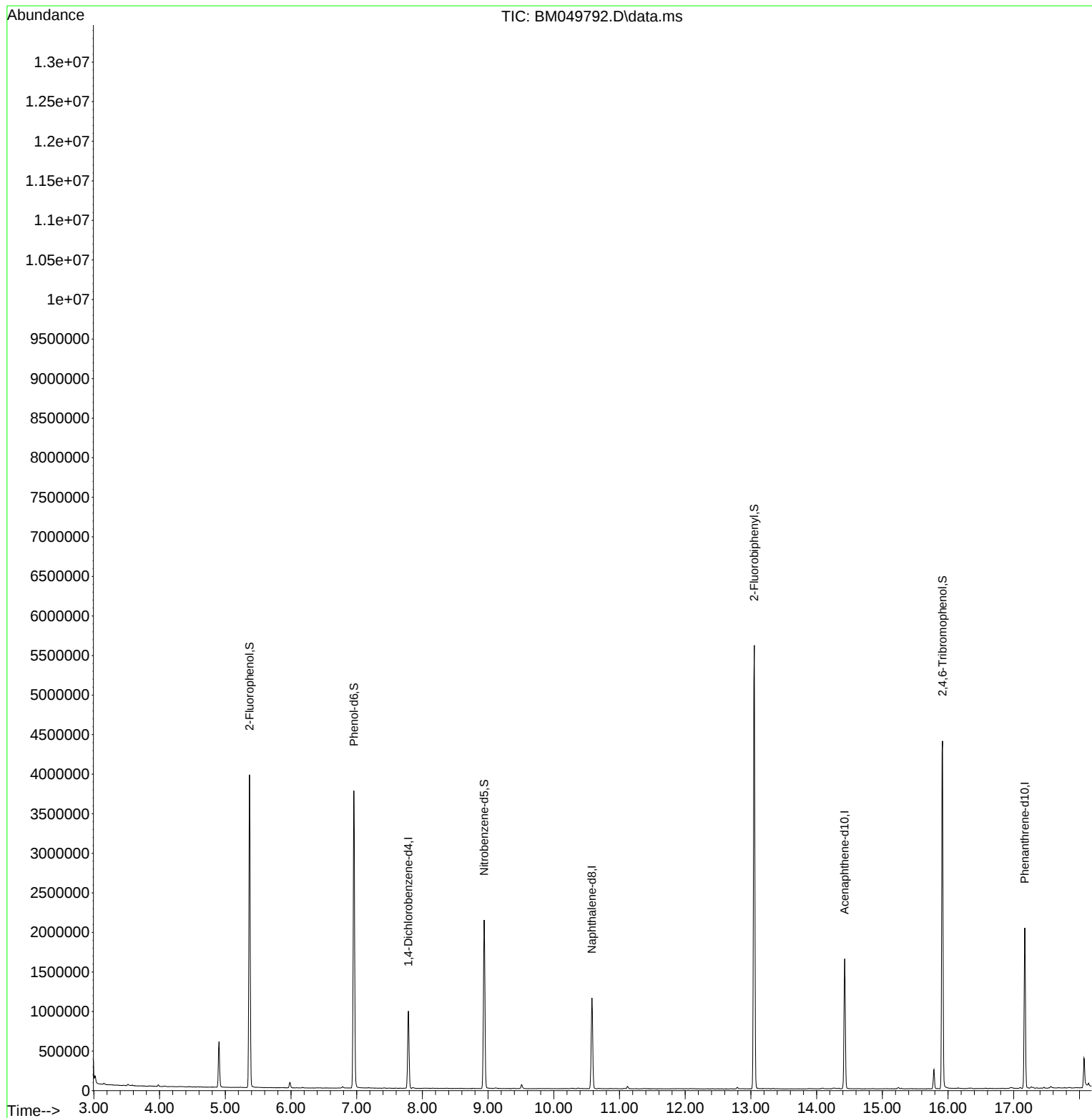
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Sample : Q1681-01  
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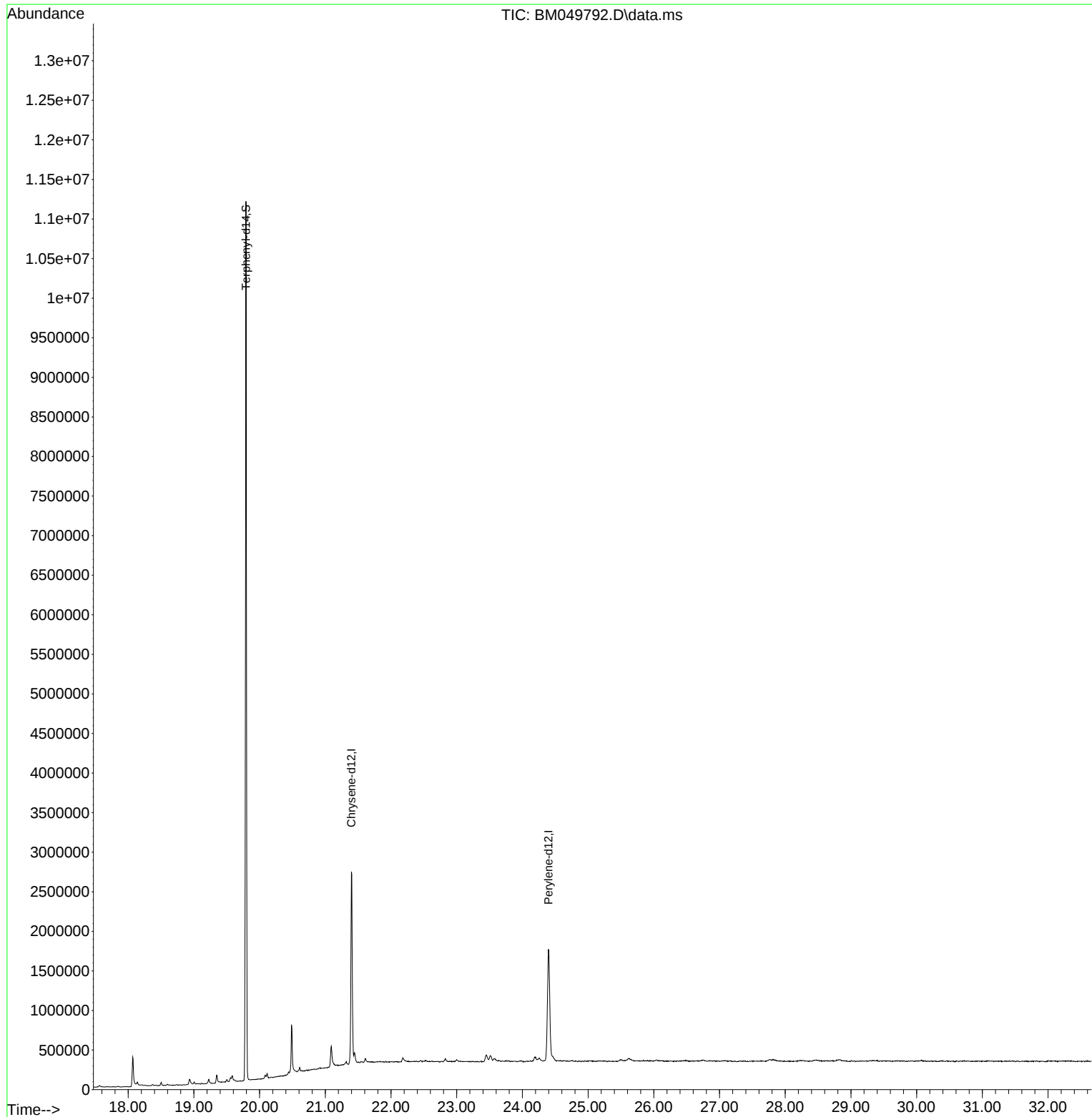
Quant Time: Apr 02 16:55:51 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 13 14:55:34 2025  
Response via : Initial Calibration

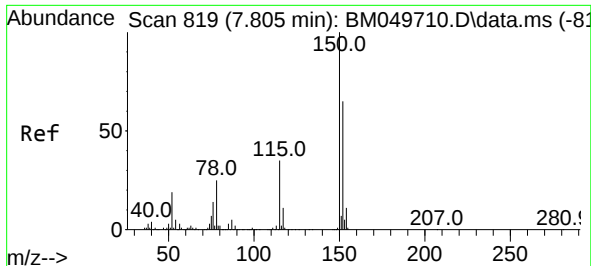


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040225\  
Data File : BM049792.D  
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Response via : Initial Calibration

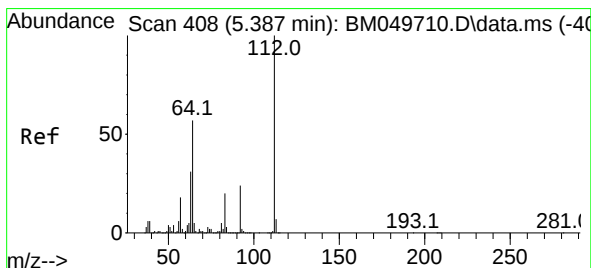
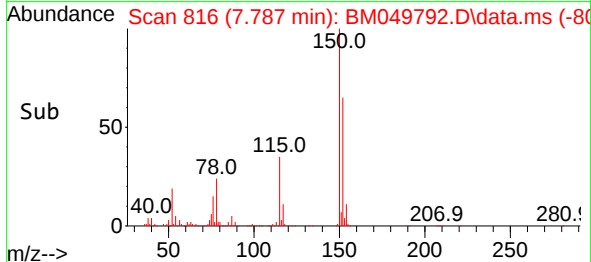
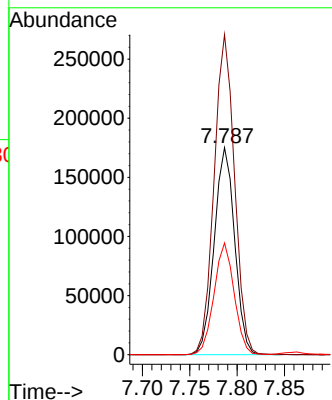
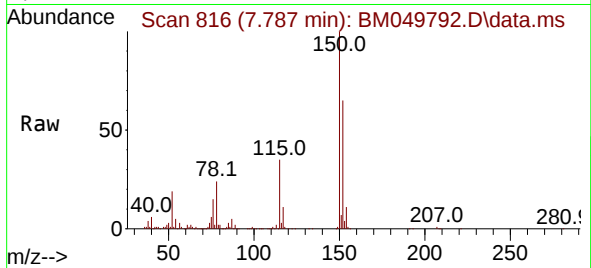




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 819  
Delta R.T. -0.018 min  
Lab File: BM049792.D  
Acq: 02 Apr 2025 16:04

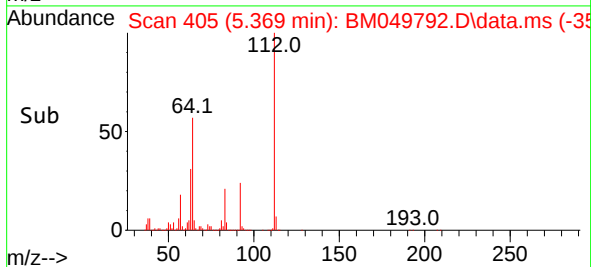
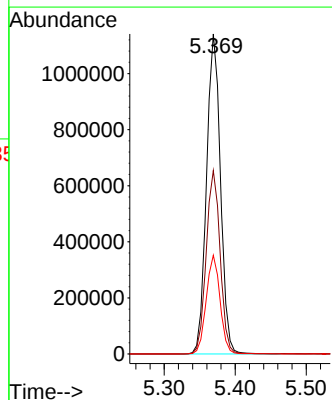
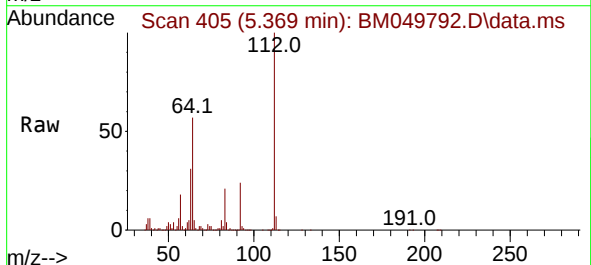
Instrument :  
BNA\_M  
ClientSampleId :  
TP-12

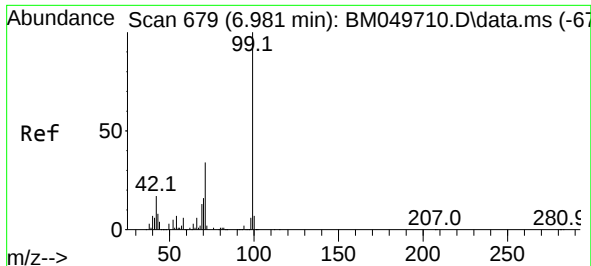
Tgt Ion:152 Resp: 263164  
Ion Ratio Lower Upper  
152 100  
150 154.5 123.8 185.8  
115 53.9 43.0 64.6



#5  
2-Fluorophenol  
Concen: 100.079 ng  
RT: 5.369 min Scan# 405  
Delta R.T. -0.018 min  
Lab File: BM049792.D  
Acq: 02 Apr 2025 16:04

Tgt Ion:112 Resp: 1560883  
Ion Ratio Lower Upper  
112 100  
64 57.3 45.3 67.9  
63 30.9 24.4 36.6

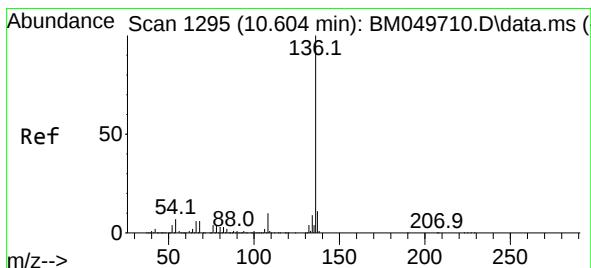
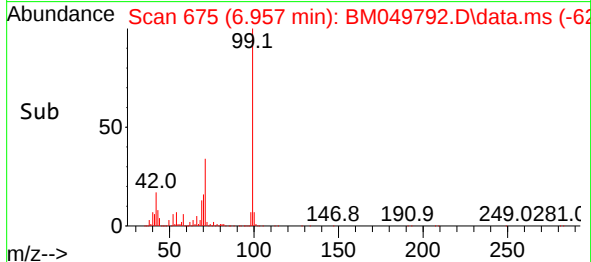
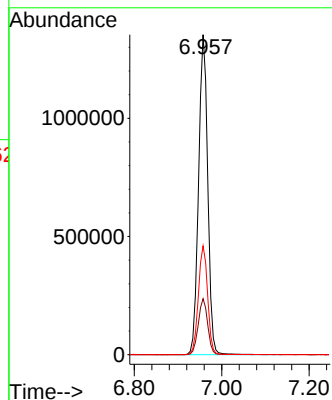
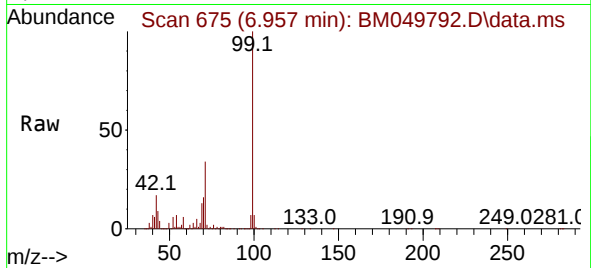




#7  
Phenol-d6  
Concen: 101.050 ng  
RT: 6.957 min Scan# 61  
Delta R.T. -0.024 min  
Lab File: BM049792.D  
Acq: 02 Apr 2025 16:04

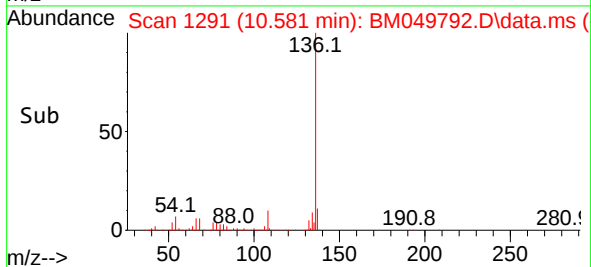
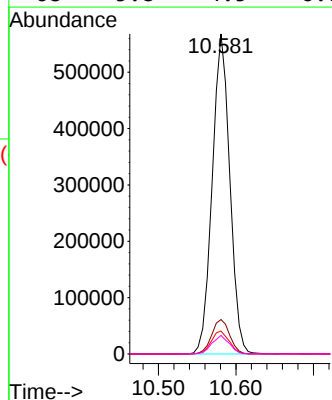
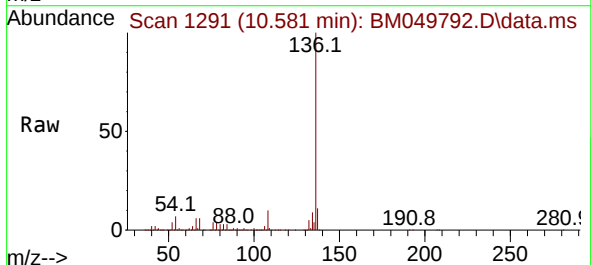
Instrument :  
BNA\_M  
ClientSampleId :  
TP-12

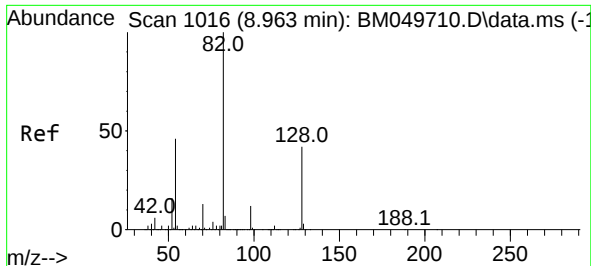
Tgt Ion: 99 Resp: 1977834  
Ion Ratio Lower Upper  
99 100  
42 17.5 13.6 20.4  
71 34.0 27.0 40.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.581 min Scan# 1291  
Delta R.T. -0.024 min  
Lab File: BM049792.D  
Acq: 02 Apr 2025 16:04

Tgt Ion: 136 Resp: 894158  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 7.1 5.8 8.8  
68 5.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 67.353 ng

RT: 8.940 min Scan# 1016

Delta R.T. -0.024 min

Lab File: BM049792.D

Acq: 02 Apr 2025 16:04

Instrument :

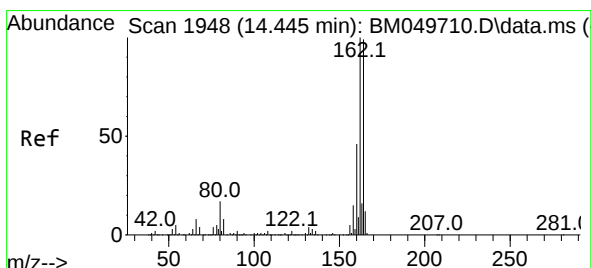
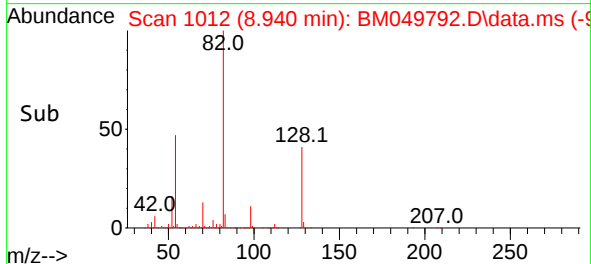
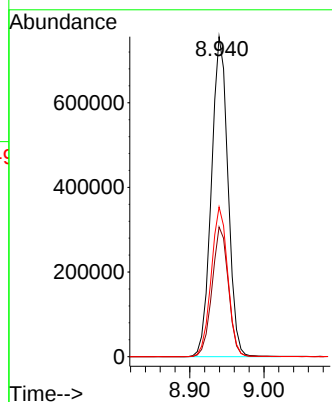
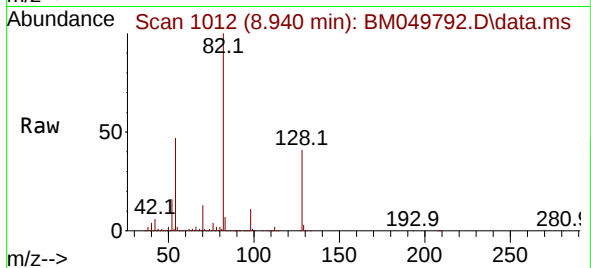
BNA\_M

ClientSampleId :

TP-12

Tgt Ion: 82 Resp: 1173009

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.6  | 33.4  | 50.0  |
| 54  | 46.8  | 36.4  | 54.6  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

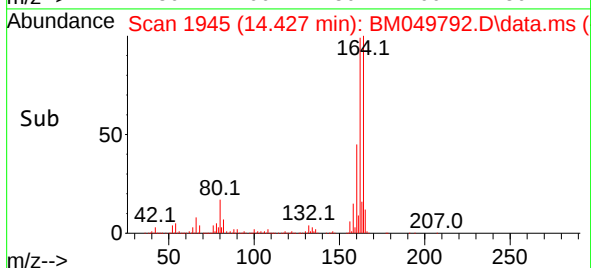
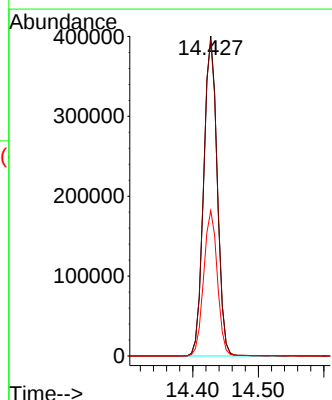
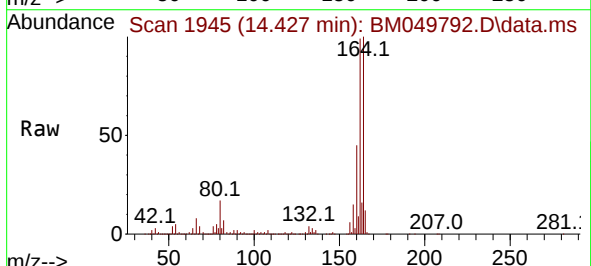
Delta R.T. -0.018 min

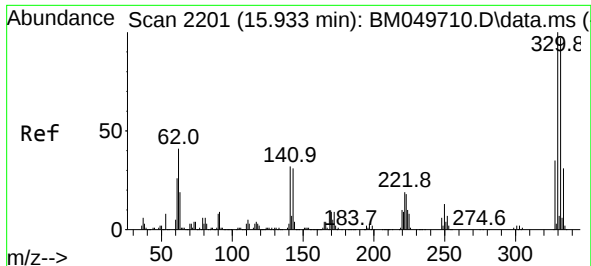
Lab File: BM049792.D

Acq: 02 Apr 2025 16:04

Tgt Ion: 164 Resp: 574229

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 98.7  | 80.5  | 120.7 |
| 160 | 45.4  | 36.9  | 55.3  |





#42

2,4,6-Tribromophenol

Concen: 113.784 ng

RT: 15.916 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM049792.D

Acq: 02 Apr 2025 16:04

Instrument :

BNA\_M

ClientSampleId :

TP-12

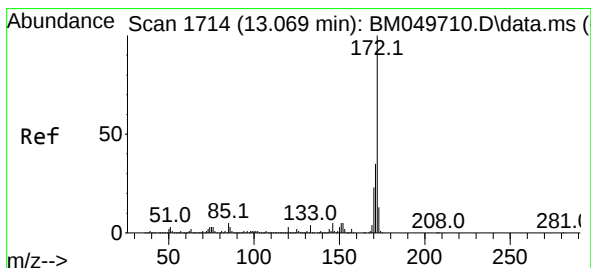
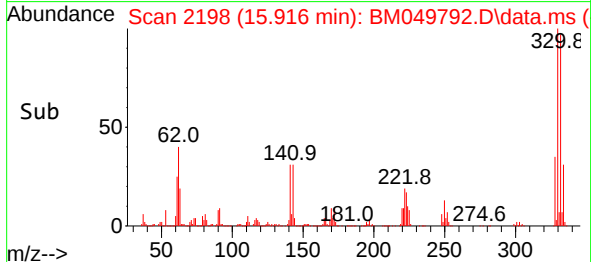
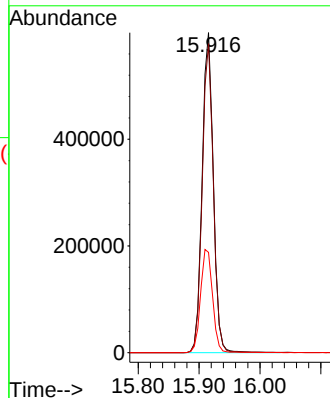
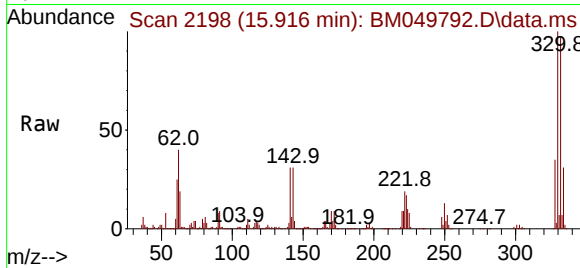
Tgt Ion:330 Resp: 762953

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.4

141 34.8 27.8 41.6



#45

2-Fluorobiphenyl

Concen: 61.053 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BM049792.D

Acq: 02 Apr 2025 16:04

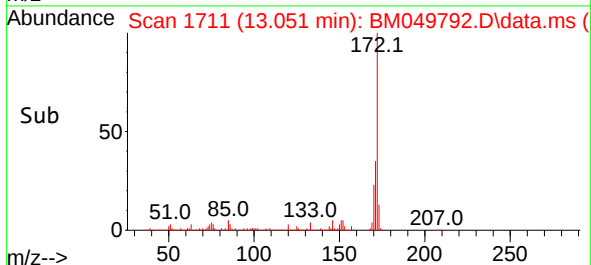
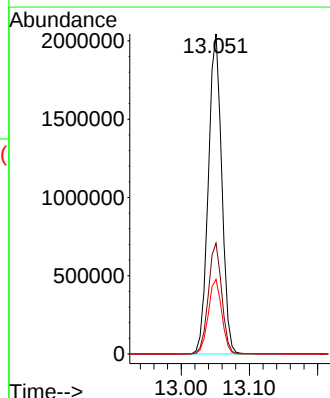
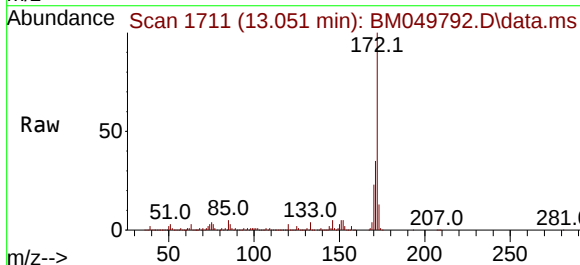
Tgt Ion:172 Resp: 2799354

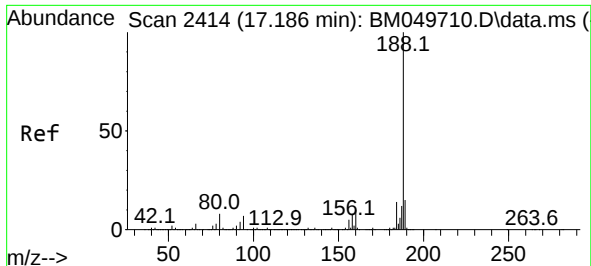
Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.3 18.6 28.0

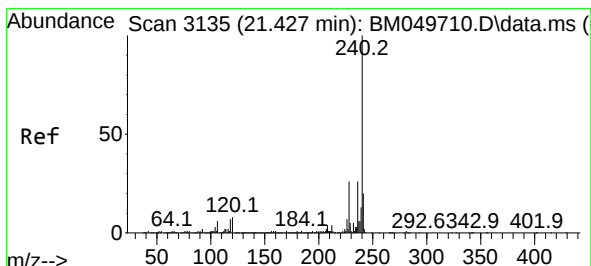
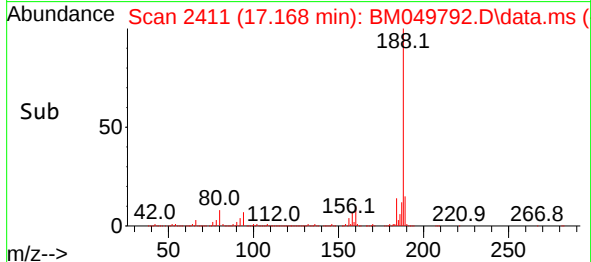
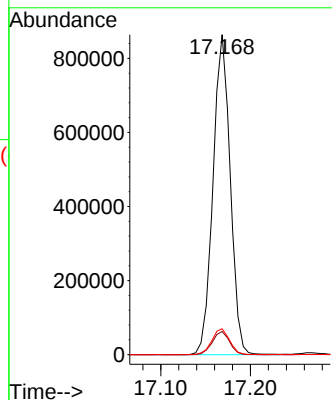
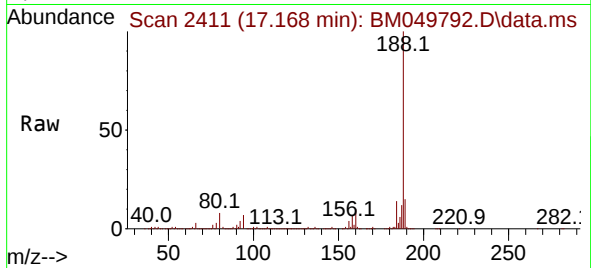




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.168 min Scan# 2414  
Delta R.T. -0.018 min  
Lab File: BM049792.D  
Acq: 02 Apr 2025 16:04

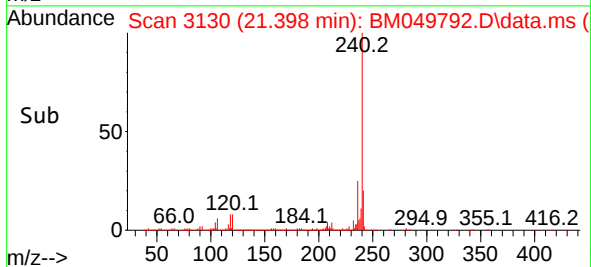
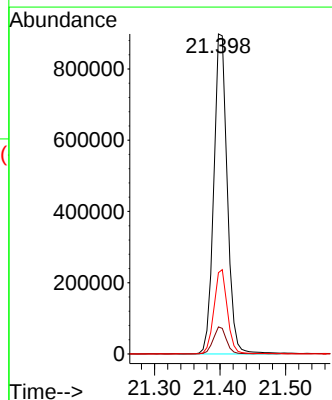
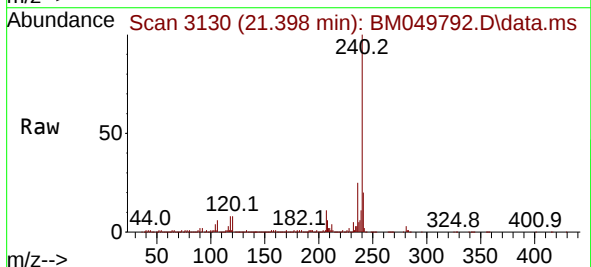
Instrument :  
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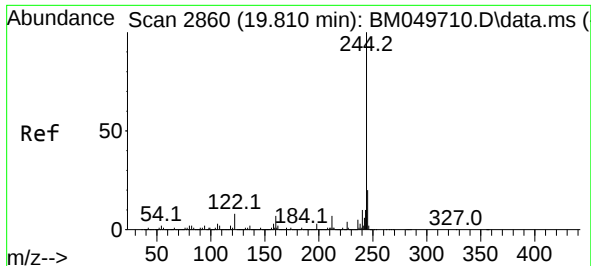
Tgt Ion:188 Resp: 1151097  
Ion Ratio Lower Upper  
188 100  
94 7.3 5.8 8.6  
80 8.1 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.398 min Scan# 3130  
Delta R.T. -0.030 min  
Lab File: BM049792.D  
Acq: 02 Apr 2025 16:04

Tgt Ion:240 Resp: 1284311  
Ion Ratio Lower Upper  
240 100  
120 8.5 6.5 9.7  
236 25.4 20.7 31.1

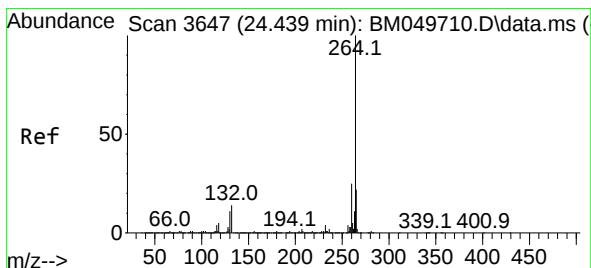
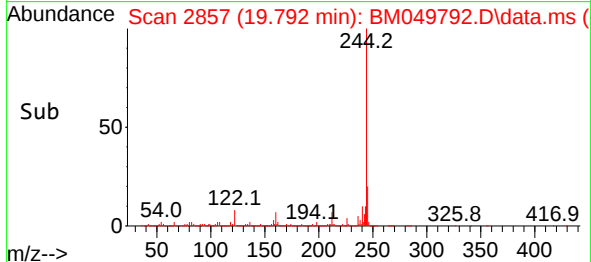
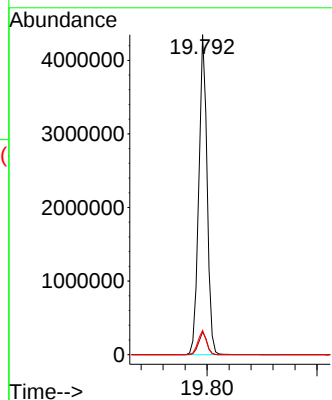
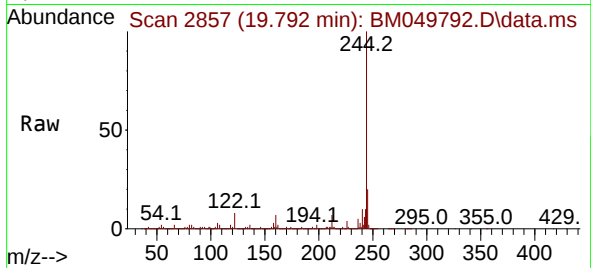




#79  
 Terphenyl-d14  
 Concen: 59.770 ng  
 RT: 19.792 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BM049792.D  
 Acq: 02 Apr 2025 16:04

Instrument :  
 BNA\_M  
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Tgt Ion:244 Resp: 4555356  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.6  
 122 7.6 6.0 9.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.397 min Scan# 3640  
 Delta R.T. -0.041 min  
 Lab File: BM049792.D  
 Acq: 02 Apr 2025 16:04

Tgt Ion:264 Resp: 1307668  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.6 29.4  
 265 22.1 18.2 27.2

