

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050625\  
 Data File : BF142307.D  
 Acq On : 06 May 2025 11:36  
 Operator : RC/JU  
 Sample : PB167815TB  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167815TB

Quant Time: May 06 13:11:37 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.904  | 152  | 229456   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.187  | 136  | 901096   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.939  | 164  | 485818   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.428 | 188  | 890109   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.069 | 240  | 644722   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.557 | 264  | 446049   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 1617862  | 120.364 | ng    | 0.02     |
| 7) Phenol-d6                | 6.522  | 99   | 1964610  | 118.837 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.463  | 82   | 1189585  | 80.512  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.728 | 330  | 614406   | 130.990 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 2439559  | 71.601  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.016 | 244  | 2797679  | 64.227  | ng    | 0.00     |

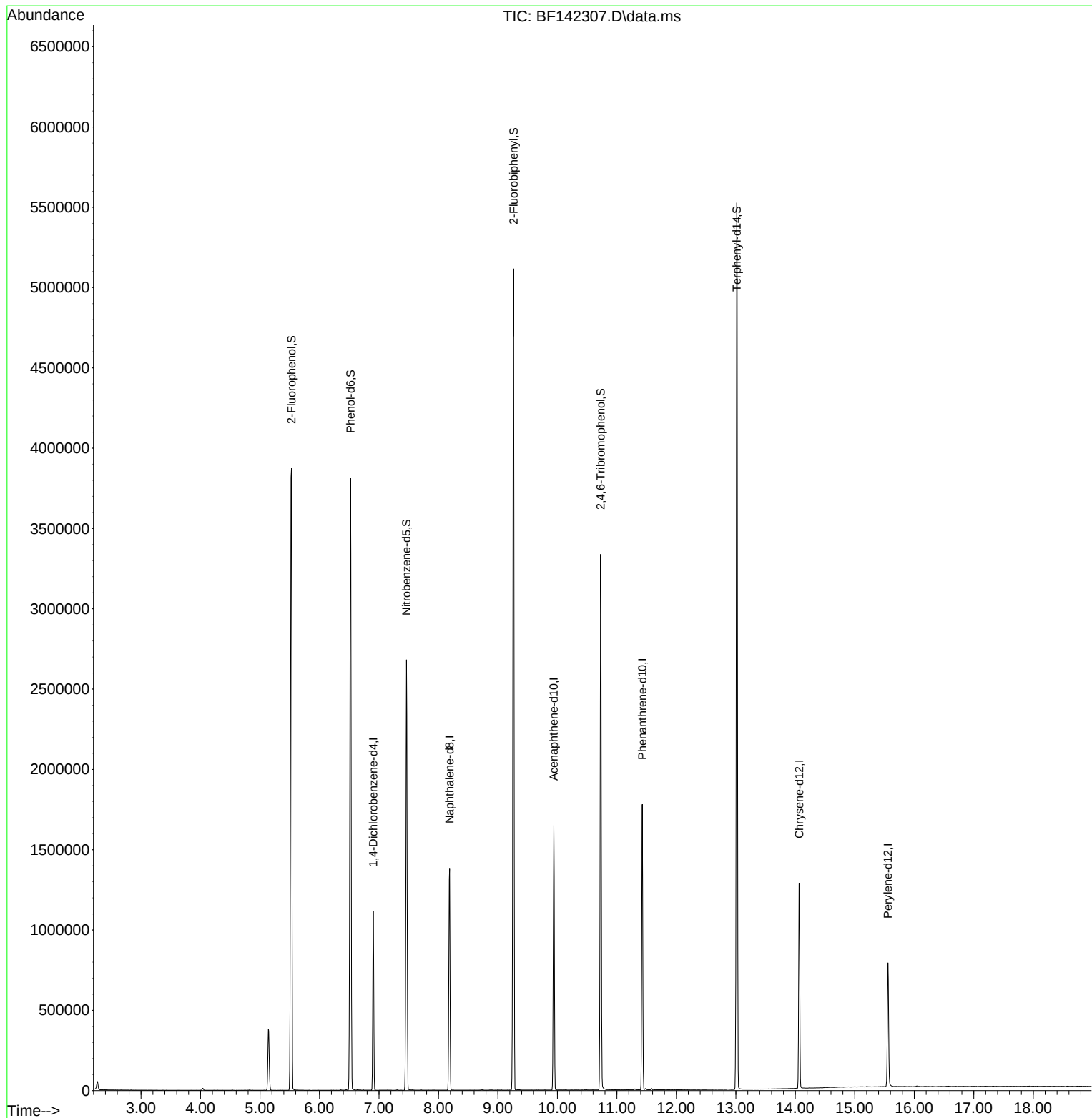
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050625\  
Data File : BF142307.D  
Acq On : 06 May 2025 11:36  
Operator : RC/JU  
Sample : PB167815TB  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB167815TB

Quant Time: May 06 13:11:37 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 05 18:41:44 2025  
Response via : Initial Calibration

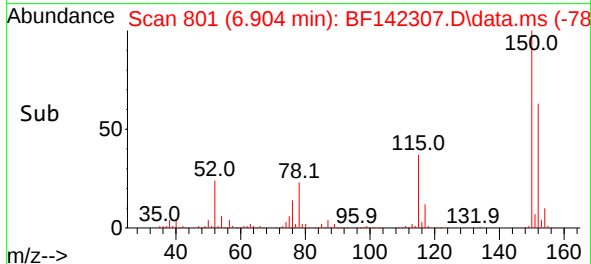
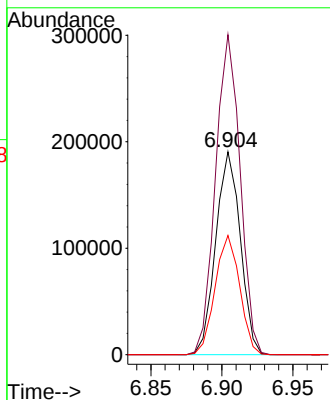
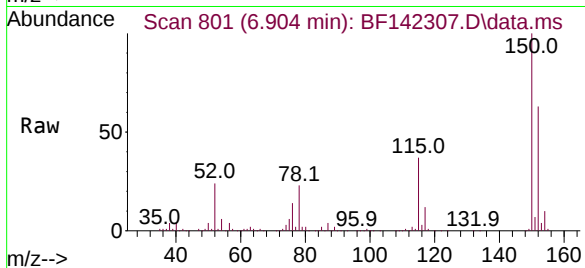




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.904 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF142307.D  
Acq: 06 May 2025 11:36

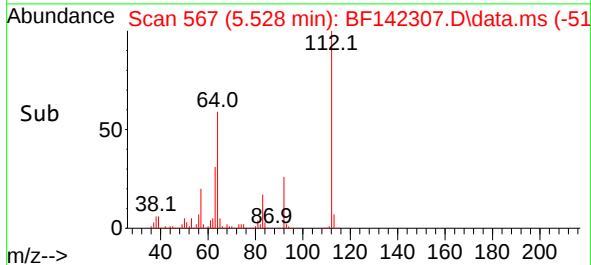
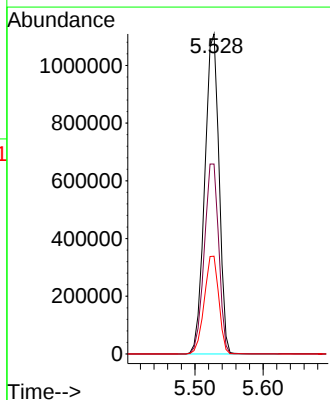
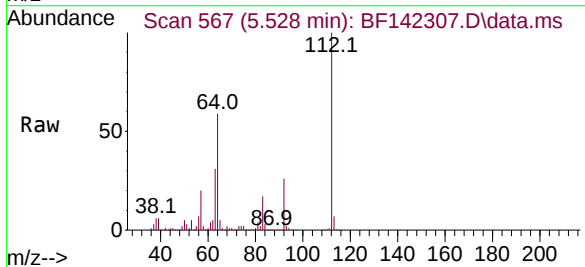
Instrument :  
BNA\_F  
ClientSampleId :  
PB167815TB

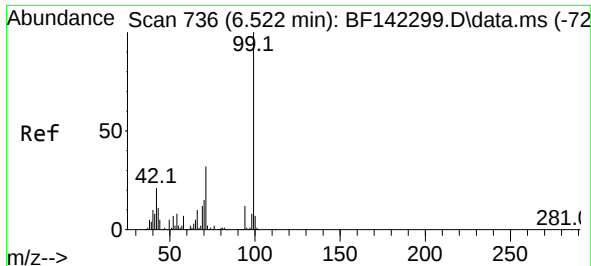
Tgt Ion:152 Resp: 229456  
Ion Ratio Lower Upper  
152 100  
150 157.7 126.6 190.0  
115 58.7 47.3 70.9



#5  
2-Fluorophenol  
Concen: 120.364 ng  
RT: 5.528 min Scan# 567  
Delta R.T. 0.018 min  
Lab File: BF142307.D  
Acq: 06 May 2025 11:36

Tgt Ion:112 Resp: 1617862  
Ion Ratio Lower Upper  
112 100  
64 59.3 48.9 73.3  
63 30.6 25.6 38.4

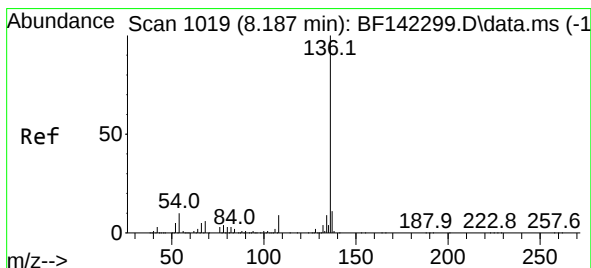
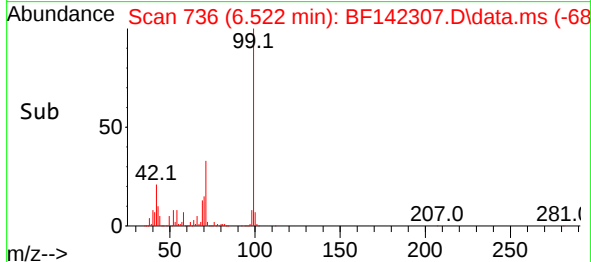
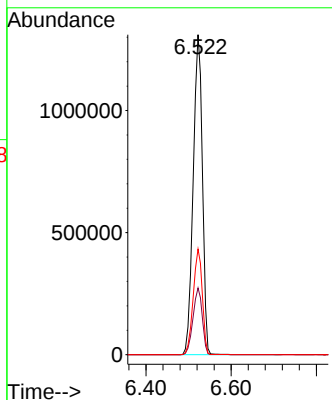
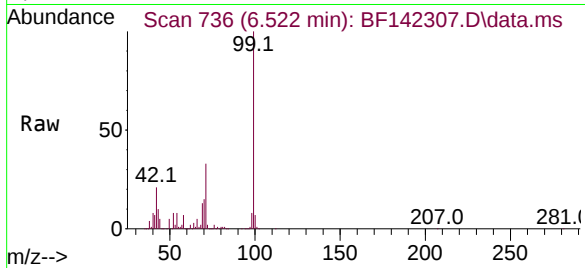




#7  
Phenol-d6  
Concen: 118.837 ng  
RT: 6.522 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF142307.D  
Acq: 06 May 2025 11:36

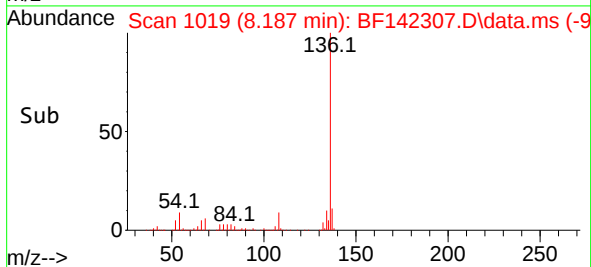
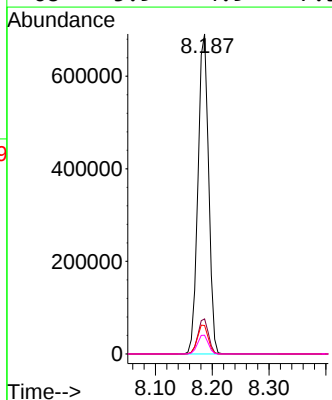
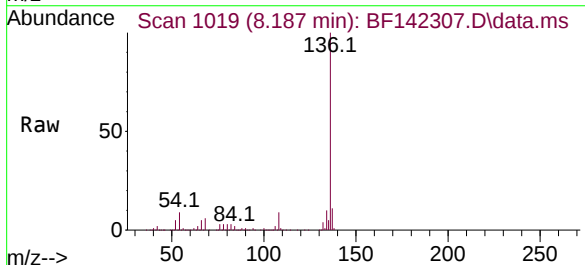
Instrument :  
BNA\_F  
ClientSampleId :  
PB167815TB

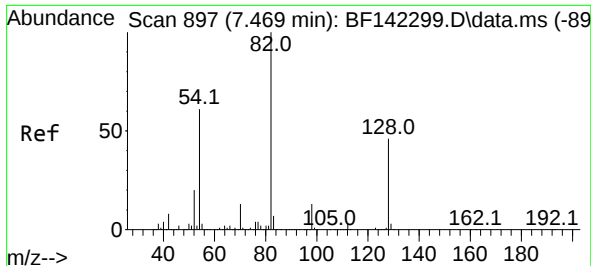
Tgt Ion: 99 Resp: 1964610  
Ion Ratio Lower Upper  
99 100  
42 20.8 17.0 25.4  
71 33.0 25.8 38.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF142307.D  
Acq: 06 May 2025 11:36

Tgt Ion: 136 Resp: 901096  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 8.9 7.7 11.5  
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 80.512 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142307.D

Acq: 06 May 2025 11:36

Instrument :

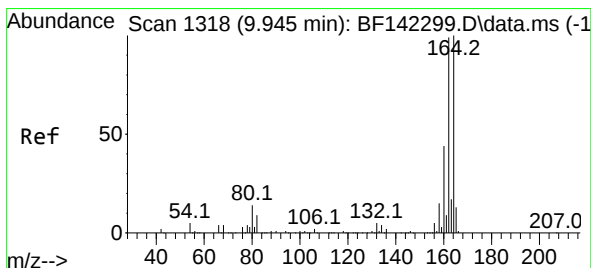
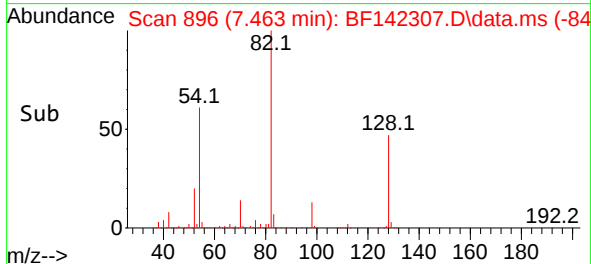
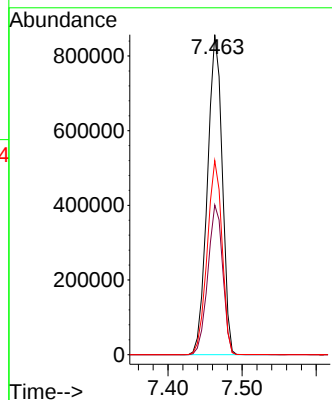
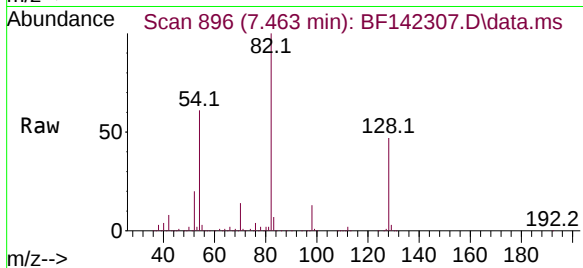
BNA\_F

ClientSampleId :

PB167815TB

Tgt Ion: 82 Resp: 1189585

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.8  | 37.0  | 55.6  |
| 54  | 60.6  | 48.6  | 73.0  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

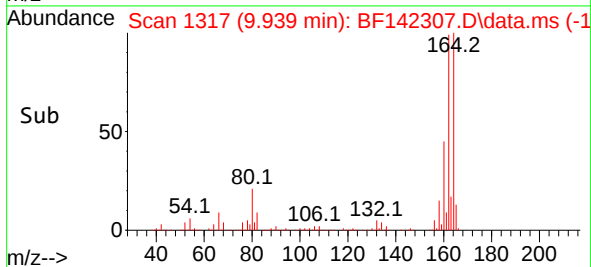
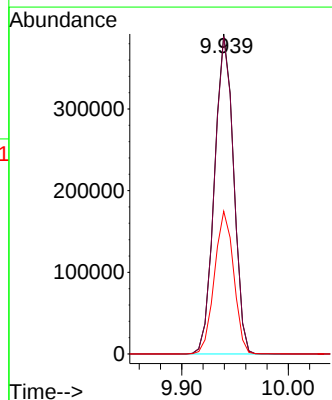
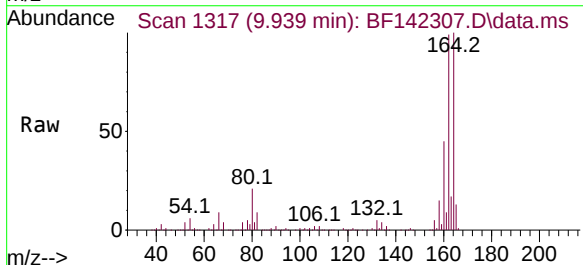
Delta R.T. -0.006 min

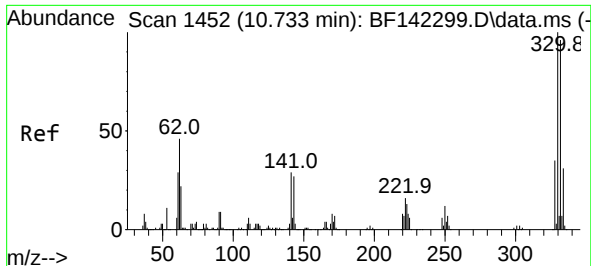
Lab File: BF142307.D

Acq: 06 May 2025 11:36

Tgt Ion: 164 Resp: 485818

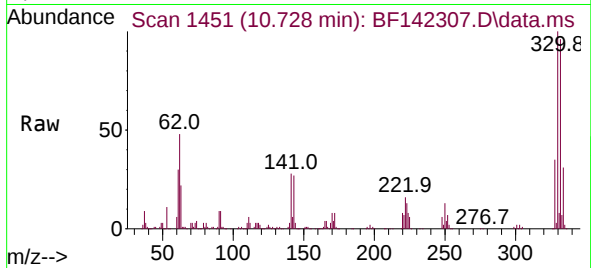
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.1  | 79.2  | 118.8 |
| 160 | 44.6  | 35.3  | 52.9  |



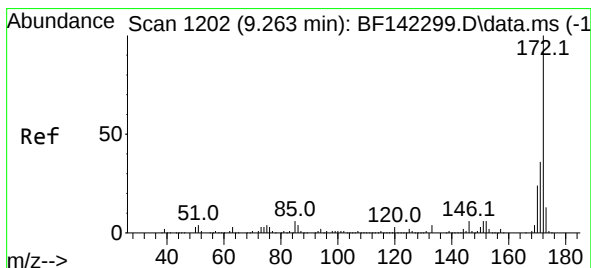
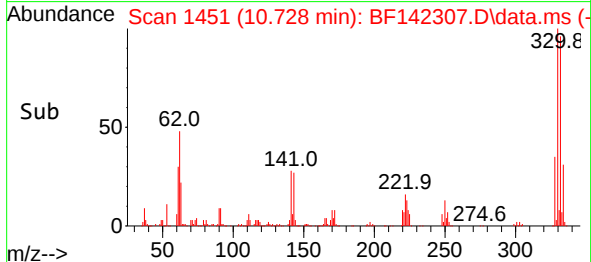
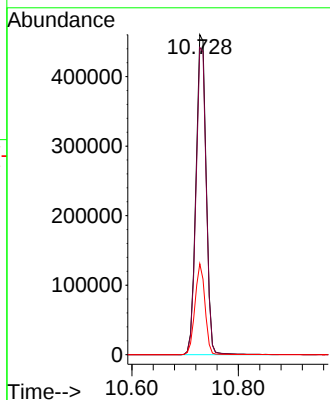


#42  
2,4,6-Tribromophenol  
Concen: 130.990 ng  
RT: 10.728 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF142307.D  
Acq: 06 May 2025 11:36

Instrument :  
BNA\_F  
ClientSampleId :  
PB167815TB

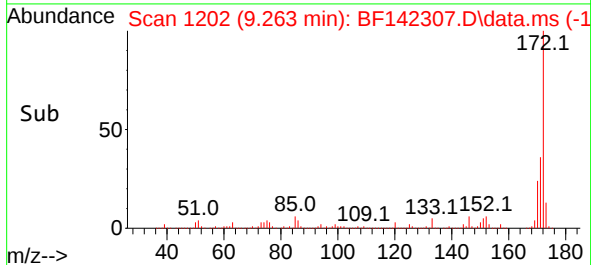
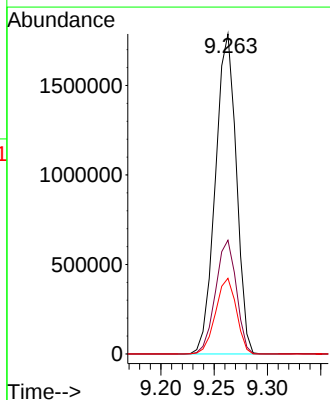
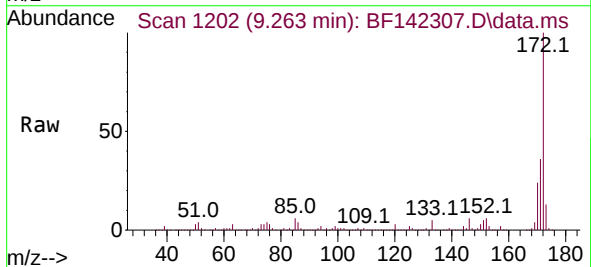


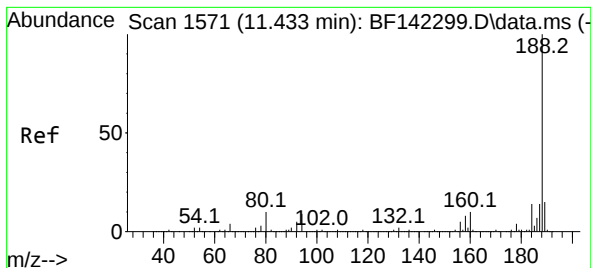
Tgt Ion:330 Resp: 614406  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.8 115.2  
141 28.0 24.9 37.3



#45  
2-Fluorobiphenyl  
Concen: 71.601 ng  
RT: 9.263 min Scan# 1202  
Delta R.T. -0.000 min  
Lab File: BF142307.D  
Acq: 06 May 2025 11:36

Tgt Ion:172 Resp: 2439559  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 42.8  
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142307.D

Acq: 06 May 2025 11:36

Instrument :

BNA\_F

ClientSampleId :

PB167815TB

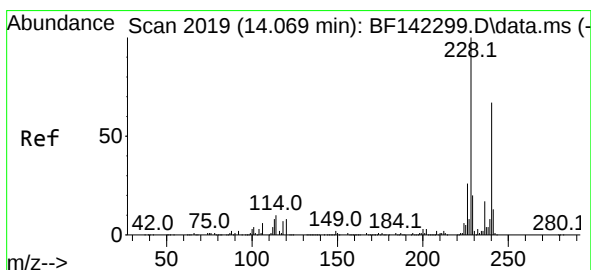
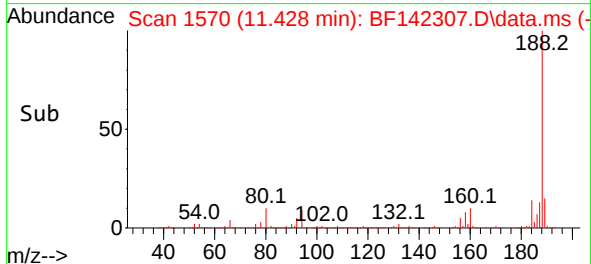
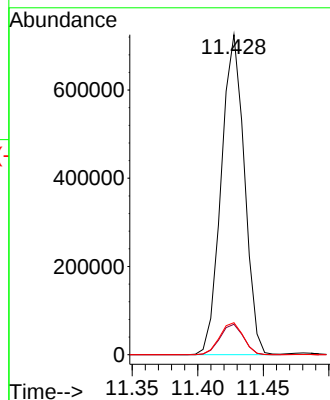
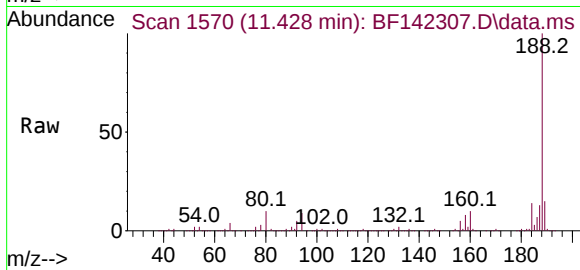
Tgt Ion:188 Resp: 890109

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.0 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF142307.D

Acq: 06 May 2025 11:36

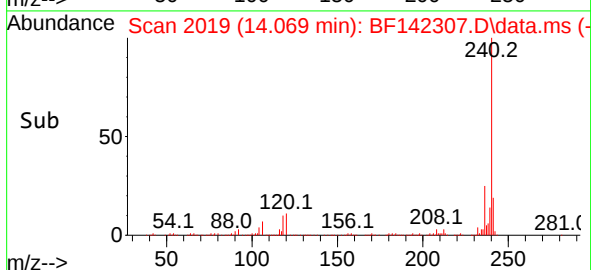
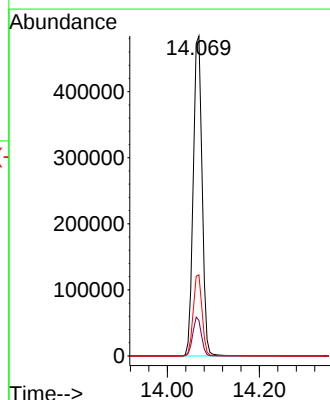
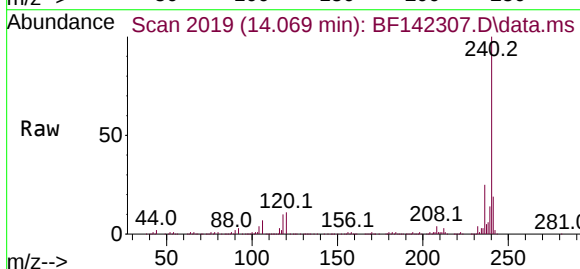
Tgt Ion:240 Resp: 644722

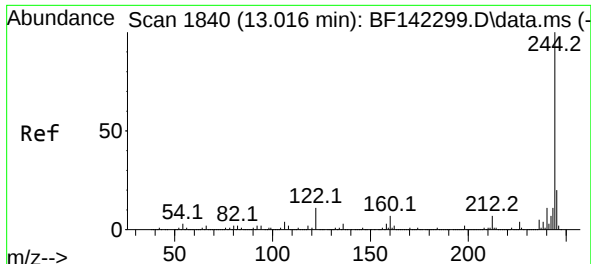
Ion Ratio Lower Upper

240 100

120 11.1 9.7 14.5

236 25.4 20.0 30.0





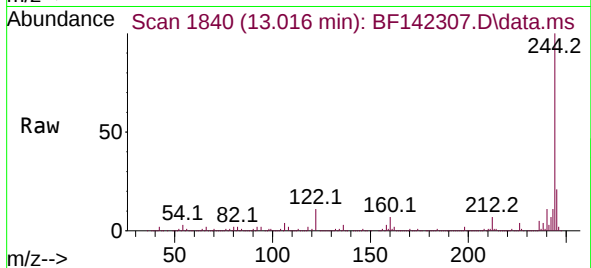
#79  
 Terphenyl-d14  
 Concen: 64.227 ng  
 RT: 13.016 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF142307.D  
 Acq: 06 May 2025 11:36

Instrument :

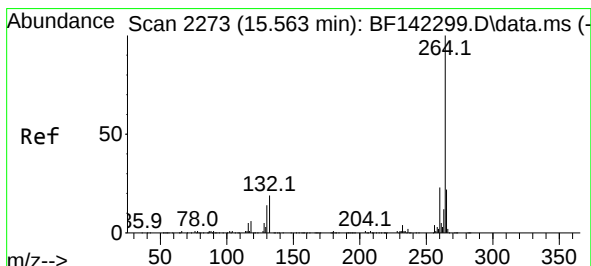
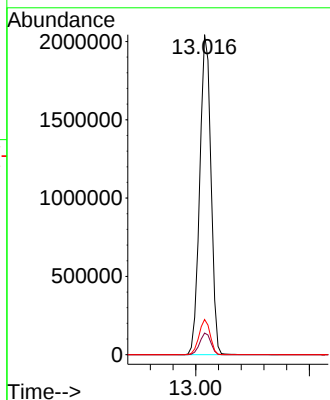
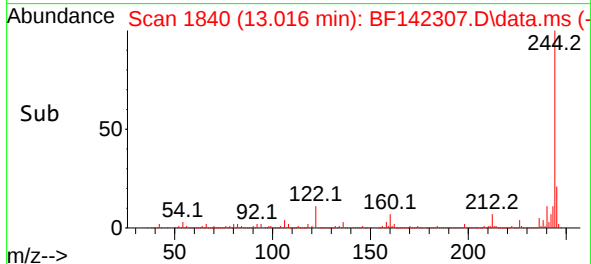
BNA\_F

ClientSampleId :

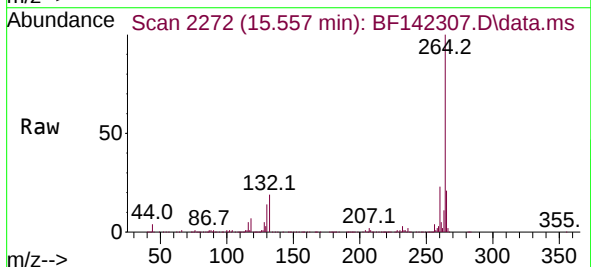
PB167815TB



Tgt Ion:244 Resp: 2797679  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.2  
 122 11.0 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2272  
 Delta R.T. -0.006 min  
 Lab File: BF142307.D  
 Acq: 06 May 2025 11:36



Tgt Ion:264 Resp: 446049  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.6 27.8  
 265 21.1 17.5 26.3

