

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100725\  
 Data File : BP025943.D  
 Acq On : 07 Oct 2025 14:24  
 Operator : CG/JU  
 Sample : PB169971TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169971TB

Quant Time: Oct 07 14:46:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 19:16:54 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.737  | 152  | 156443   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.507 | 136  | 571103   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.366 | 164  | 362279   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.160 | 188  | 750872   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.612 | 240  | 807289   | 20.000  | ng    | -0.03    |
| 86) Perylene-d12            | 24.965 | 264  | 835533   | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.378  | 112  | 1315439  | 135.674 | ng    | 0.00     |
| 7) Phenol-d6                | 6.943  | 99   | 1544771  | 119.869 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.884  | 82   | 1027672  | 79.376  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.883 | 330  | 654774   | 144.903 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.966 | 172  | 2267052  | 83.322  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.877 | 244  | 3865453  | 86.139  | ng    | -0.04    |

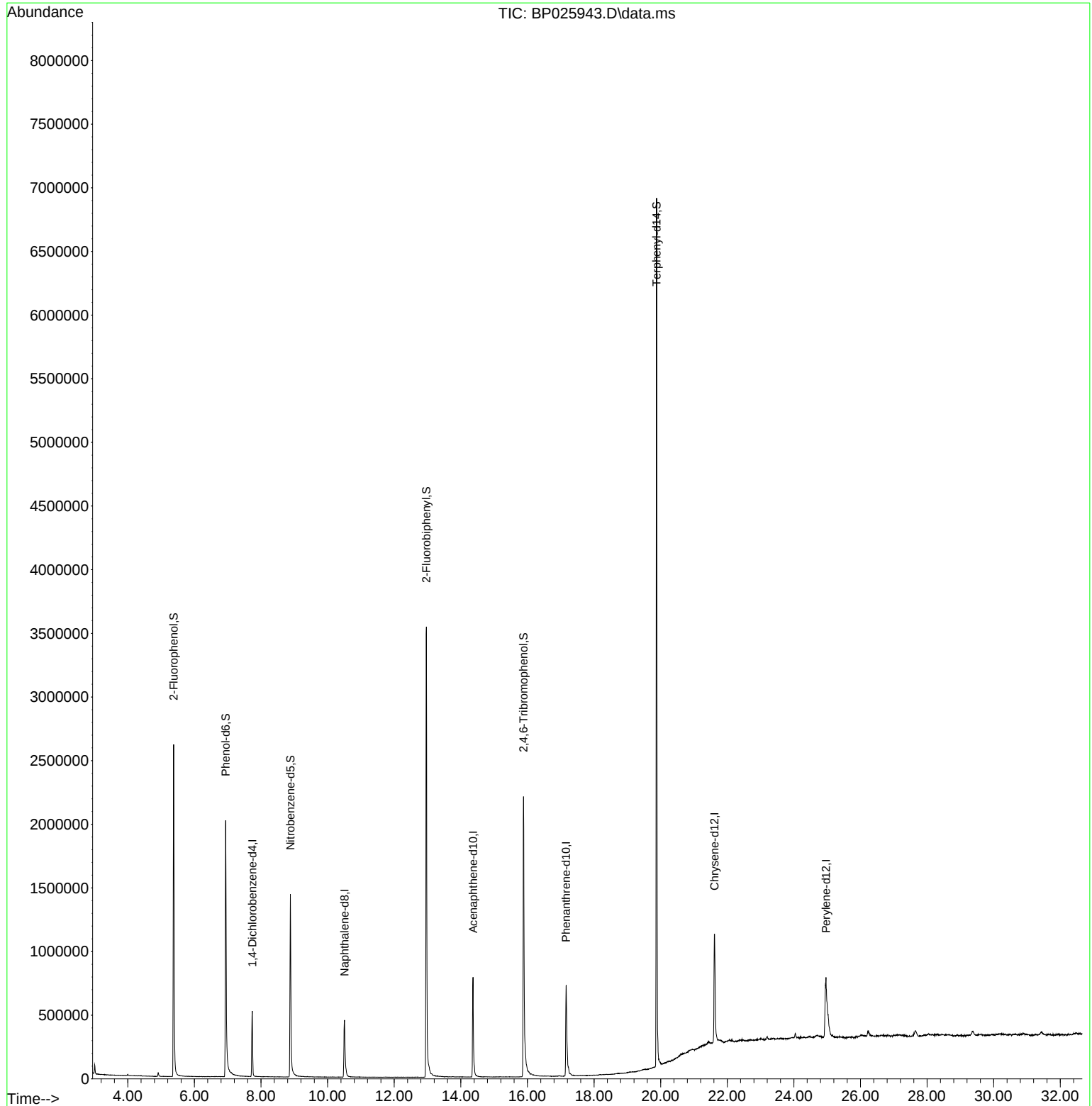
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

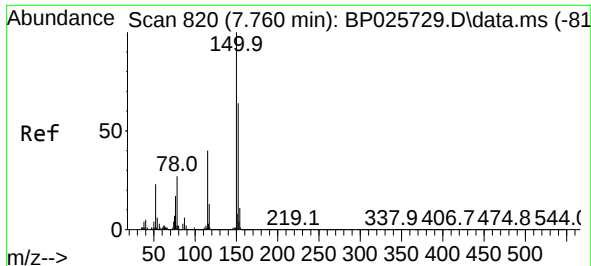
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 19:16:54 2025  
Response via : Initial Calibration

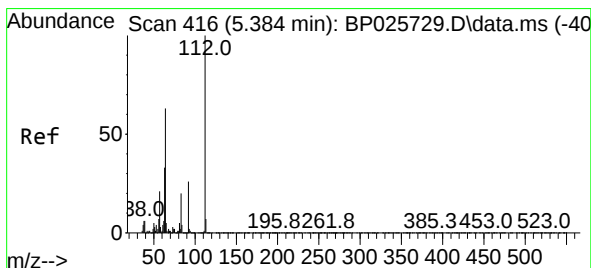
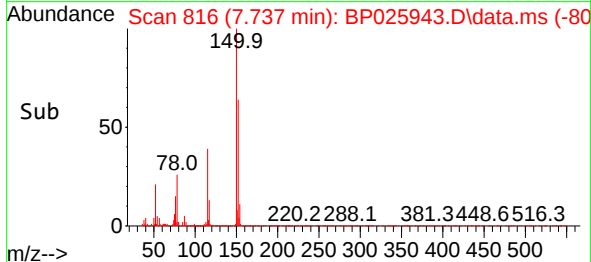
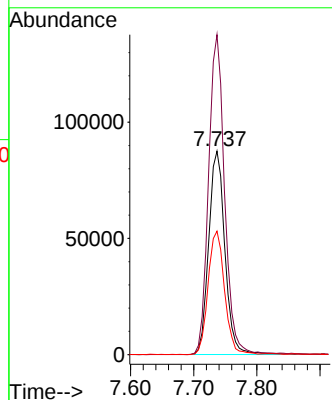
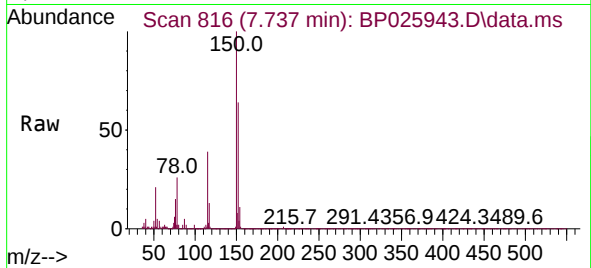




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.737 min Scan# 81  
Delta R.T. -0.023 min  
Lab File: BP025943.D  
Acq: 07 Oct 2025 14:24

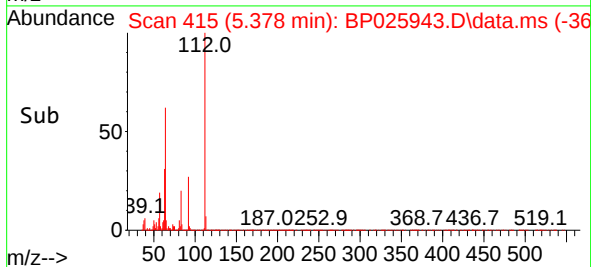
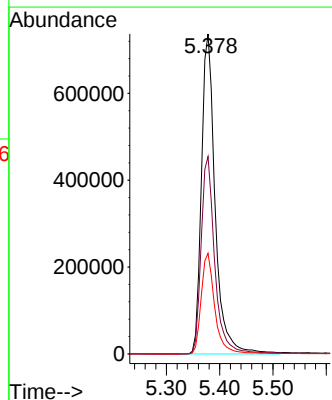
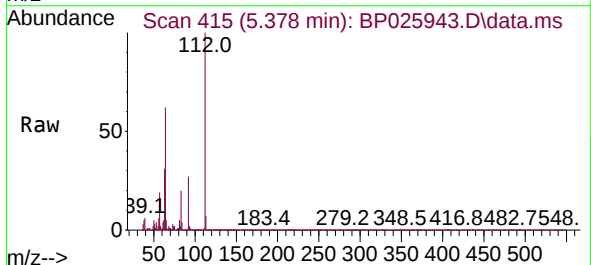
Instrument :  
BNA\_P  
ClientSampleId :  
PB169971TB

Tgt Ion:152 Resp: 156443  
Ion Ratio Lower Upper  
152 100  
150 157.3 124.3 186.5  
115 60.7 50.3 75.5



#5  
2-Fluorophenol  
Concen: 135.674 ng  
RT: 5.378 min Scan# 415  
Delta R.T. -0.006 min  
Lab File: BP025943.D  
Acq: 07 Oct 2025 14:24

Tgt Ion:112 Resp: 1315439  
Ion Ratio Lower Upper  
112 100  
64 61.7 50.2 75.4  
63 31.4 26.7 40.1

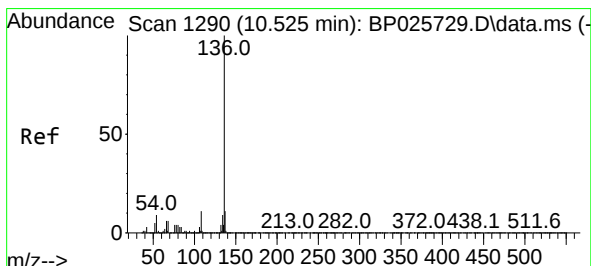
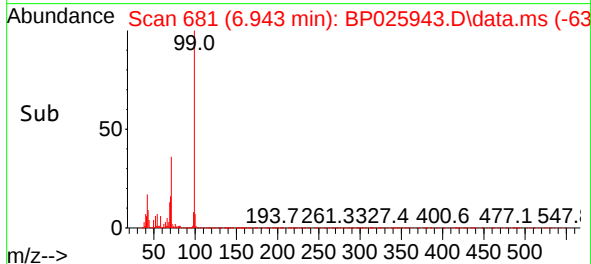
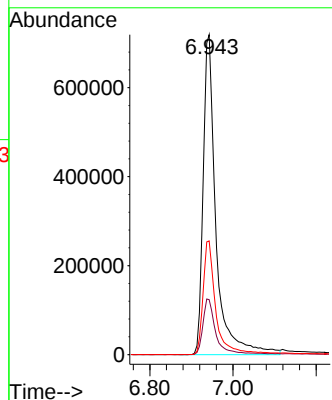
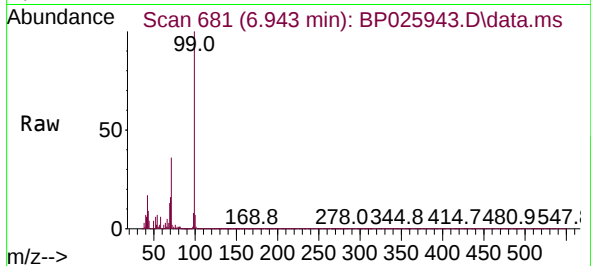




#7  
Phenol-d6  
Concen: 119.869 ng  
RT: 6.943 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BP025943.D  
Acq: 07 Oct 2025 14:24

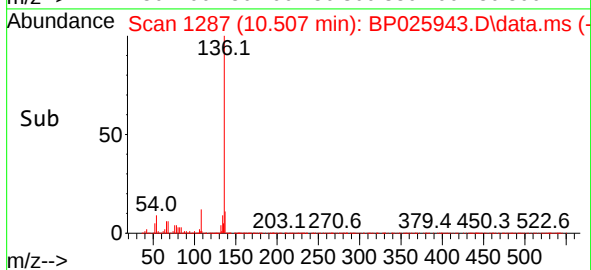
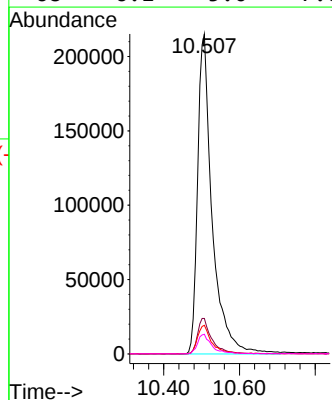
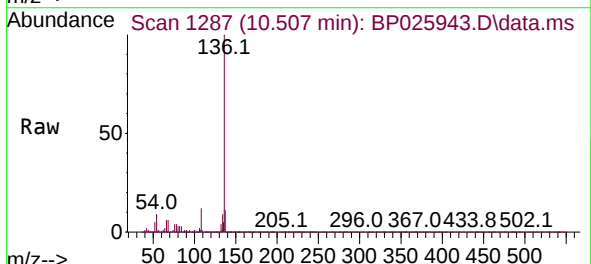
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BNA\_P  
ClientSampleId :  
PB169971TB

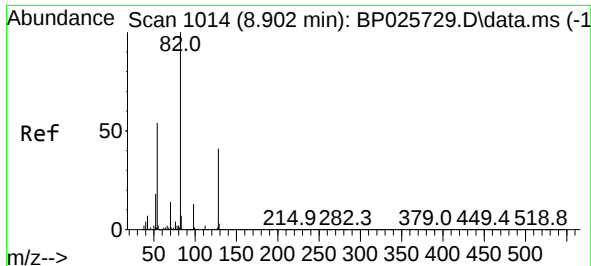
Tgt Ion: 99 Resp: 1544771  
Ion Ratio Lower Upper  
99 100  
42 17.2 15.6 23.4  
71 35.5 28.6 43.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.507 min Scan# 1287  
Delta R.T. -0.018 min  
Lab File: BP025943.D  
Acq: 07 Oct 2025 14:24

Tgt Ion:136 Resp: 571103  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.7 13.1  
54 8.9 7.5 11.3  
68 6.1 5.0 7.6

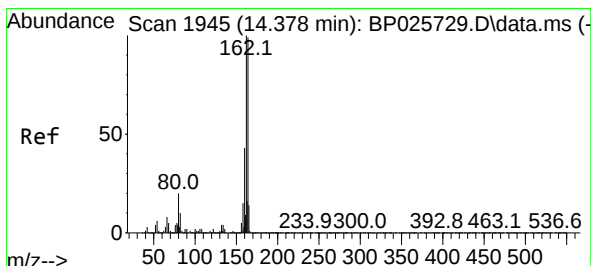
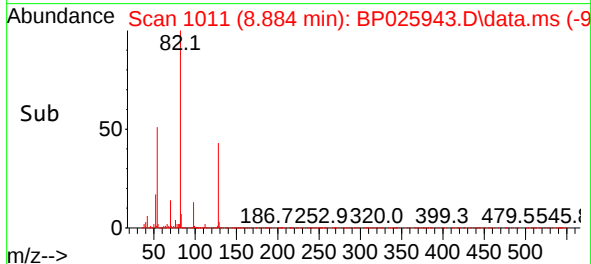
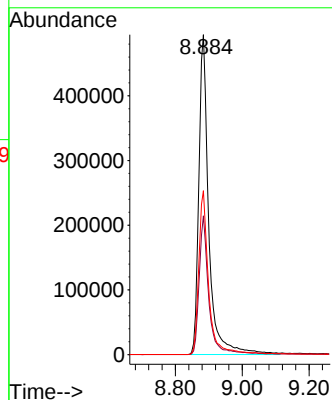
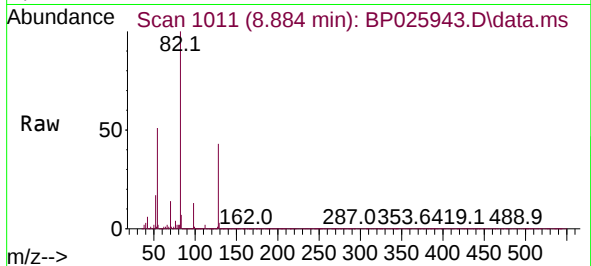




#23  
Nitrobenzene-d5  
Concen: 79.376 ng  
RT: 8.884 min Scan# 10  
Delta R.T. -0.018 min  
Lab File: BP025943.D  
Acq: 07 Oct 2025 14:24

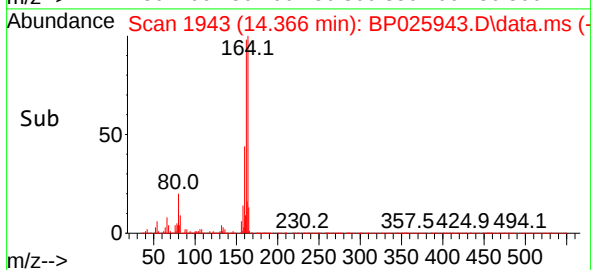
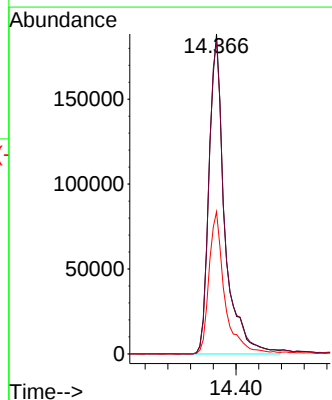
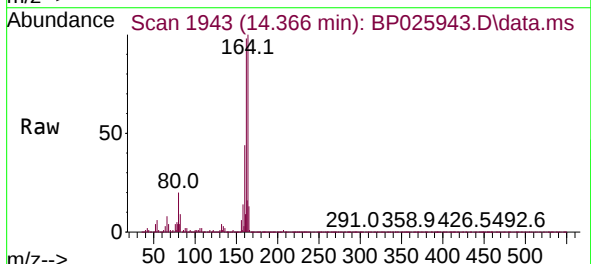
Instrument :  
BNA\_P  
ClientSampleId :  
PB169971TB

Tgt Ion: 82 Resp: 1027672  
Ion Ratio Lower Upper  
82 100  
128 43.4 32.9 49.3  
54 51.2 43.4 65.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.366 min Scan# 1943  
Delta R.T. -0.012 min  
Lab File: BP025943.D  
Acq: 07 Oct 2025 14:24

Tgt Ion:164 Resp: 362279  
Ion Ratio Lower Upper  
164 100  
162 97.8 80.6 120.8  
160 44.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 144.903 ng

RT: 15.883 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP025943.D

Acq: 07 Oct 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

PB169971TB

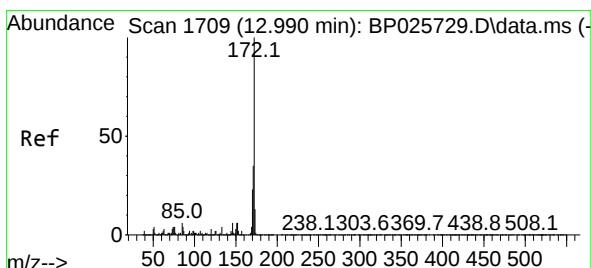
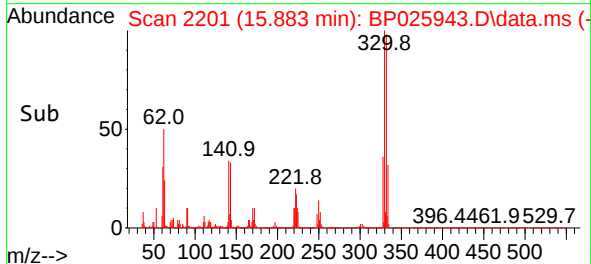
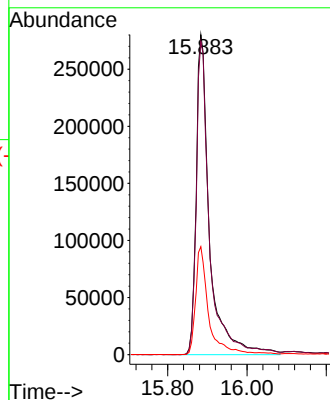
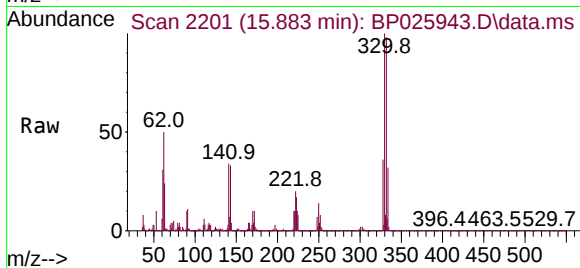
Tgt Ion:330 Resp: 654774

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

141 32.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 83.322 ng

RT: 12.966 min Scan# 1705

Delta R.T. -0.024 min

Lab File: BP025943.D

Acq: 07 Oct 2025 14:24

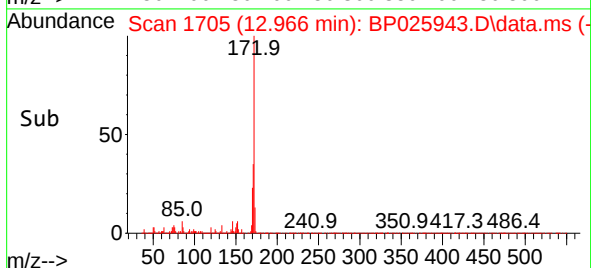
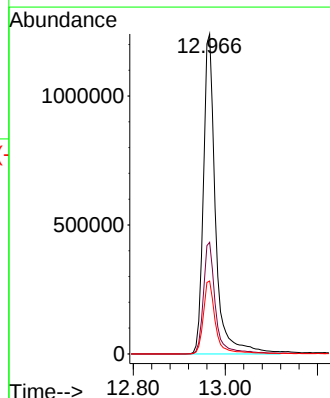
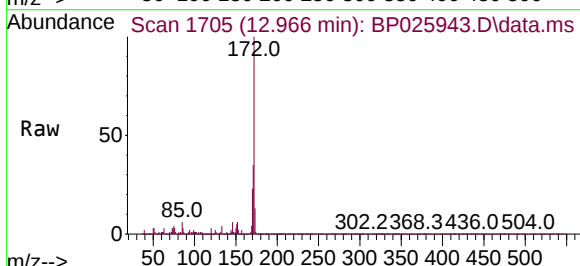
Tgt Ion:172 Resp: 2267052

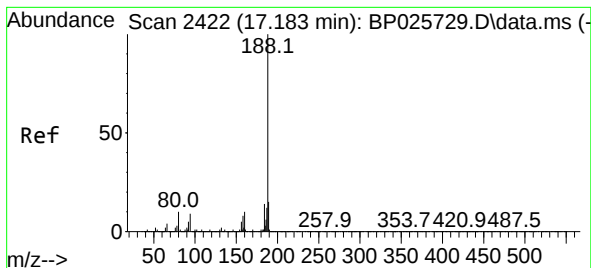
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

170 22.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.160 min Scan# 24

Delta R.T. -0.024 min

Lab File: BP025943.D

Acq: 07 Oct 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

PB169971TB

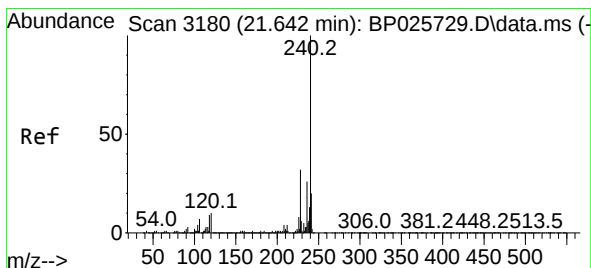
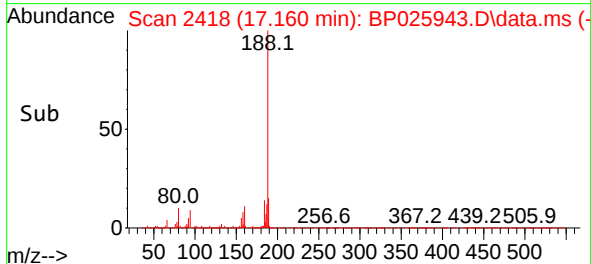
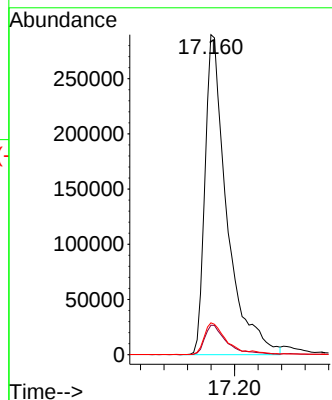
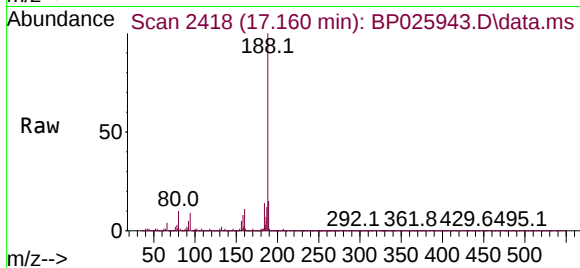
Tgt Ion:188 Resp: 750872

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

80 9.9 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.612 min Scan# 3175

Delta R.T. -0.030 min

Lab File: BP025943.D

Acq: 07 Oct 2025 14:24

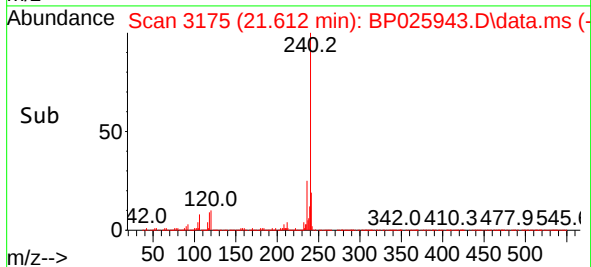
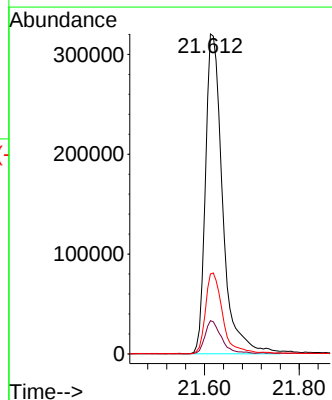
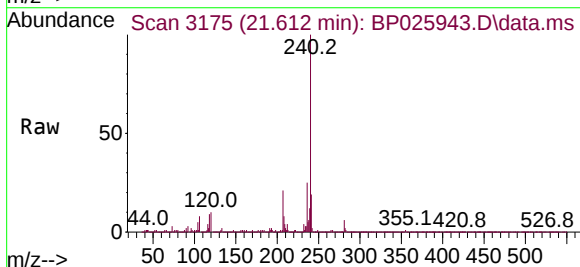
Tgt Ion:240 Resp: 807289

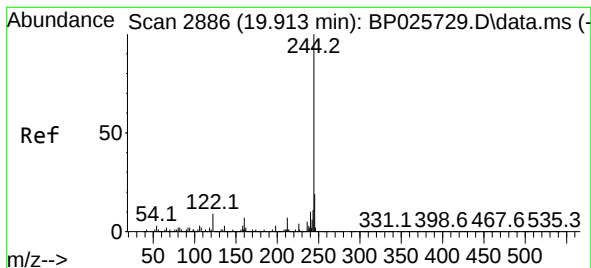
Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 86.139 ng

RT: 19.877 min Scan# 2886

Delta R.T. -0.035 min

Lab File: BP025943.D

Acq: 07 Oct 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

PB169971TB

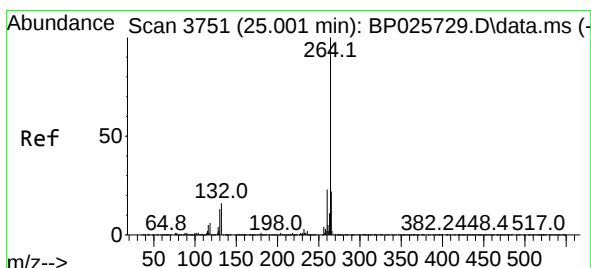
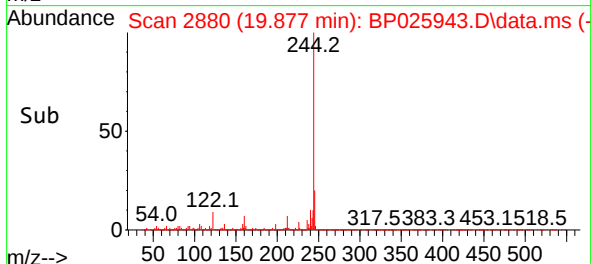
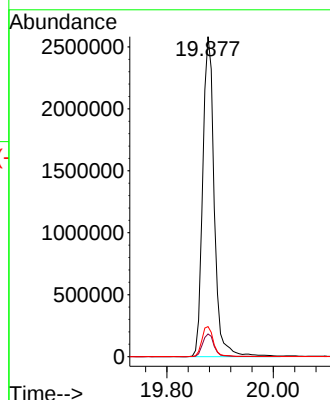
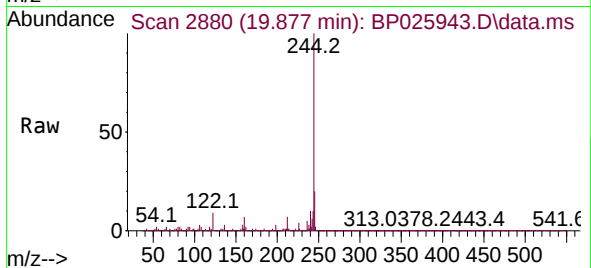
Tgt Ion:244 Resp: 3865453

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.4 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.965 min Scan# 3745

Delta R.T. -0.035 min

Lab File: BP025943.D

Acq: 07 Oct 2025 14:24

Tgt Ion:264 Resp: 835533

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

265 22.6 17.3 25.9

