

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
 Data File : BP025236.D
 Acq On : 24 Jul 2025 10:36
 Operator : CG/JU
 Sample : PB168969TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168969TB

Quant Time: Jul 24 10:56:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:55:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.425	152	661066	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2473242	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1495565	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2901132	20.000	ng	0.01
76) Chrysene-d12	21.331	240	2893957	20.000	ng	0.00
86) Perylene-d12	24.466	264	3251982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	4659586	119.096	ng	0.00
7) Phenol-d6	6.643	99	5503246	113.569	ng	0.00
23) Nitrobenzene-d5	8.561	82	3468795	77.943	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2597658	117.819	ng	0.00
45) 2-Fluorobiphenyl	12.672	172	8324571	78.473	ng	-0.01
79) Terphenyl-d14	19.660	244	11590337	79.060	ng	0.00

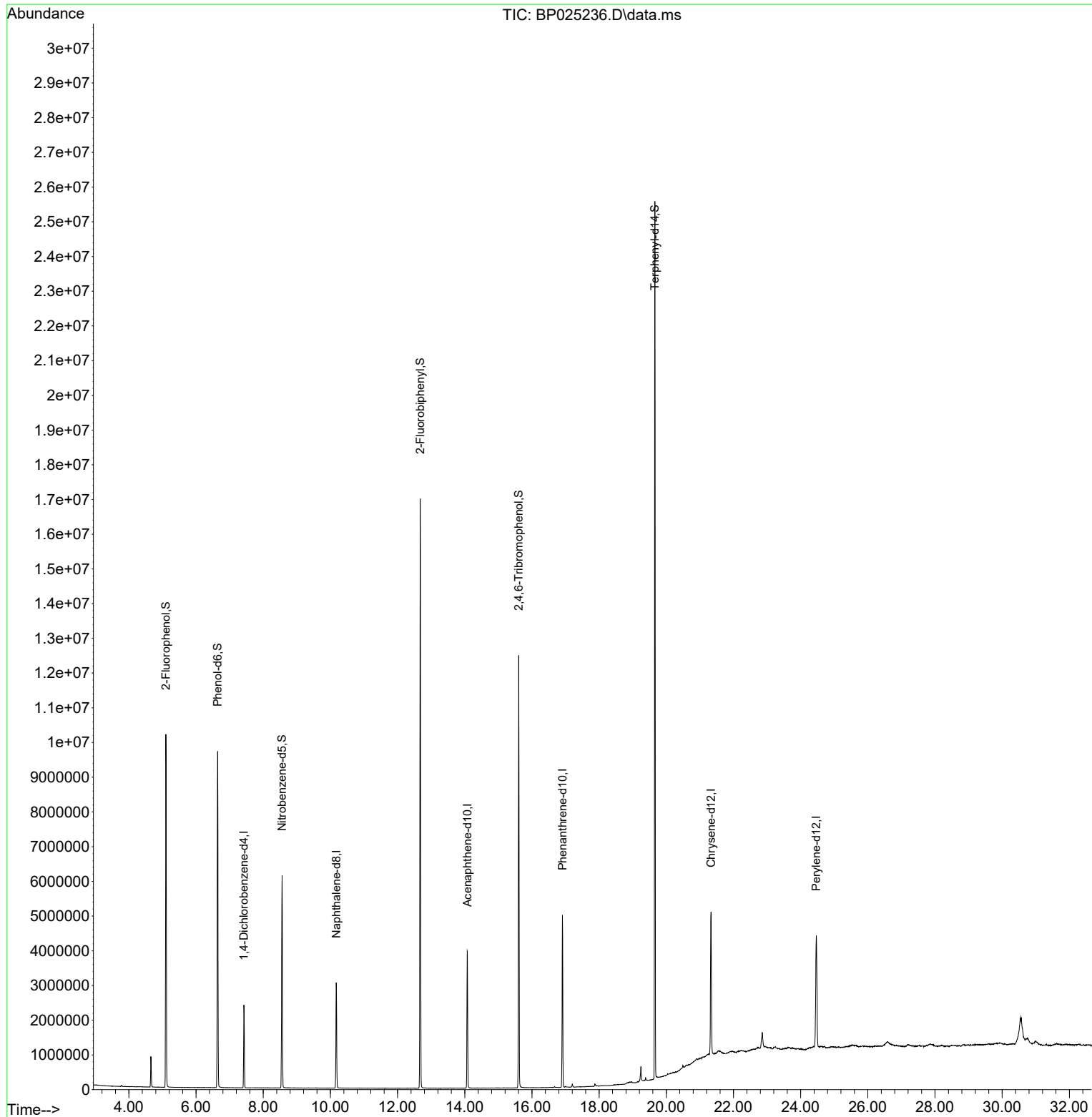
Target Compounds	Qvalue

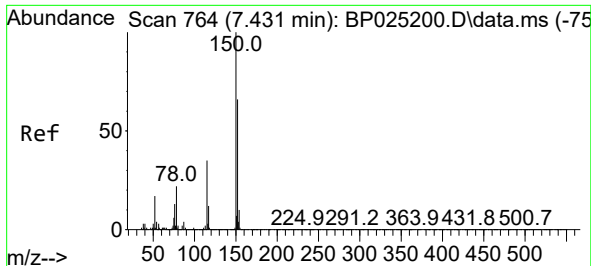
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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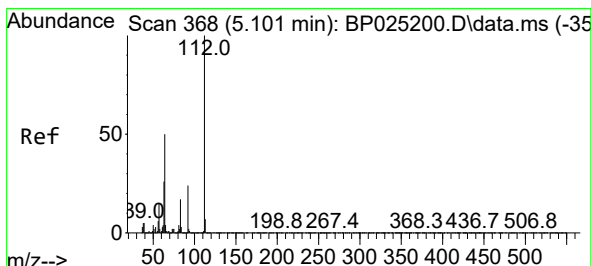
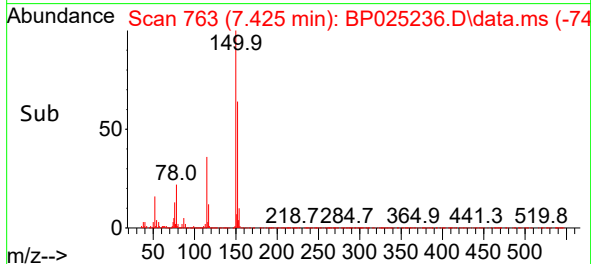
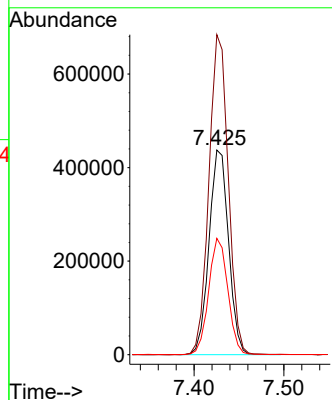
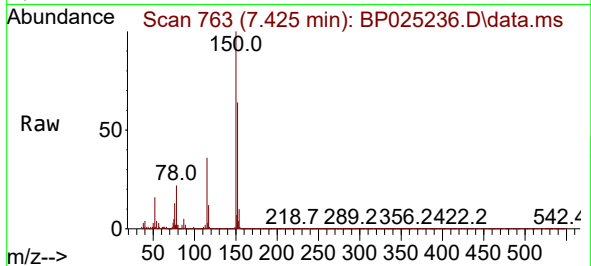




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.425 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

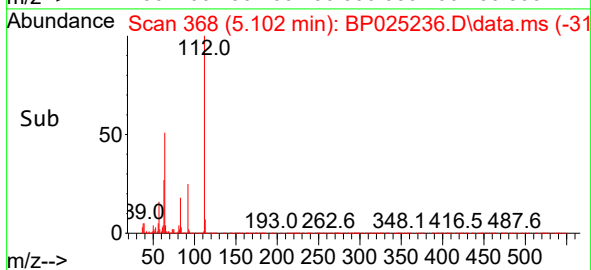
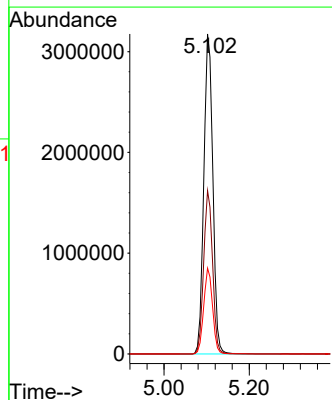
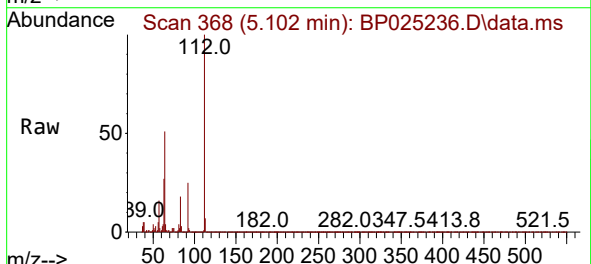
Instrument :
BNA_P
ClientSampleId :
PB168969TB

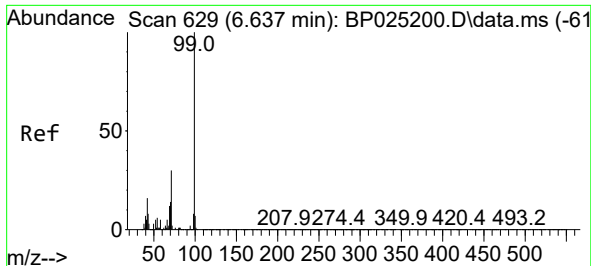
Tgt Ion:152 Resp: 661066
Ion Ratio Lower Upper
152 100
150 156.4 121.9 182.9
115 56.9 43.0 64.6



#5
2-Fluorophenol
Concen: 119.096 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.001 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Tgt Ion:112 Resp: 4659586
Ion Ratio Lower Upper
112 100
64 51.1 39.8 59.6
63 26.8 20.5 30.7

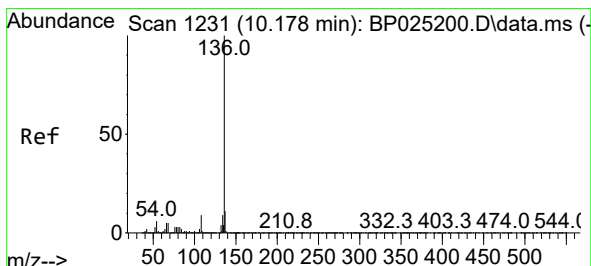
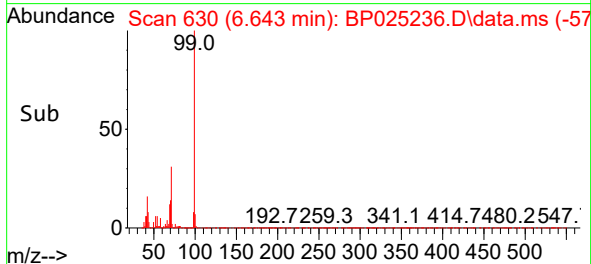
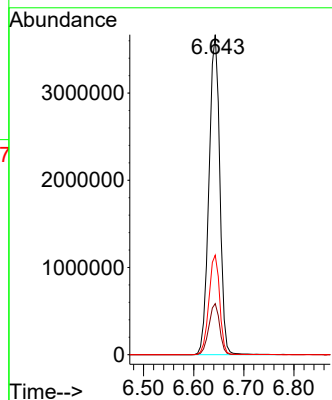
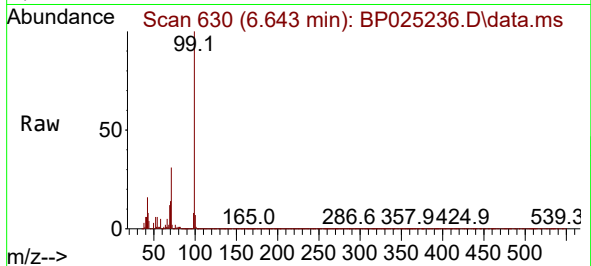




#7
Phenol-d6
Concen: 113.569 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

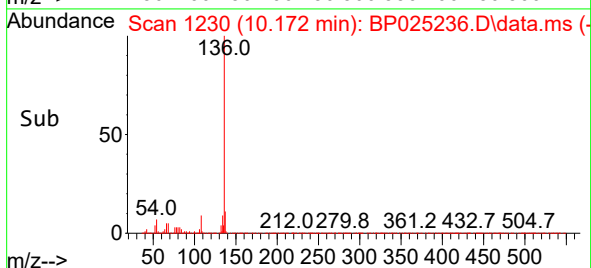
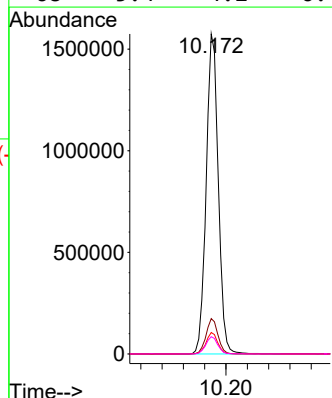
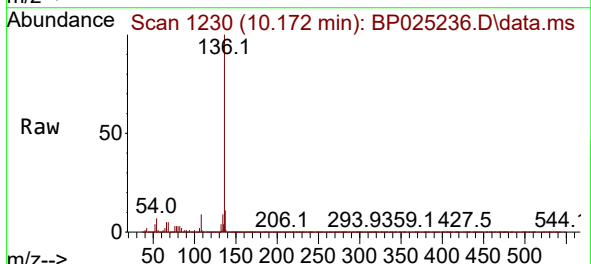
Instrument :
BNA_P
ClientSampleId :
PB168969TB

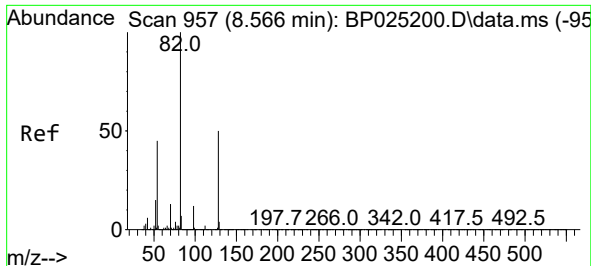
Tgt Ion: 99 Resp: 5503246
Ion Ratio Lower Upper
99 100
42 15.9 12.5 18.7
71 31.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Tgt Ion:136 Resp: 2473242
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.7 5.1 7.7
68 5.4 4.2 6.4

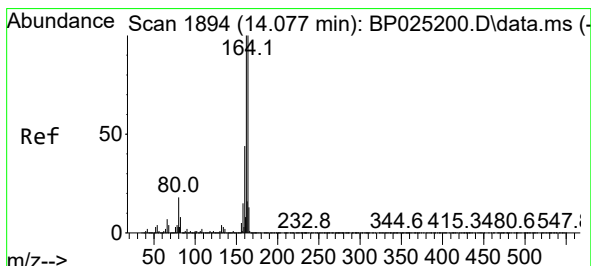
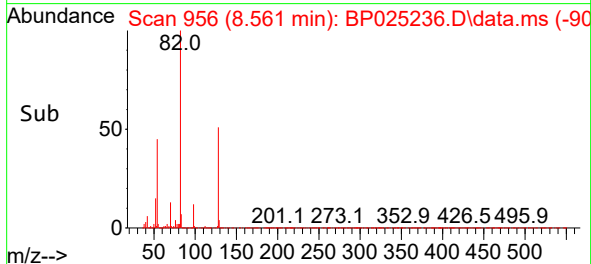
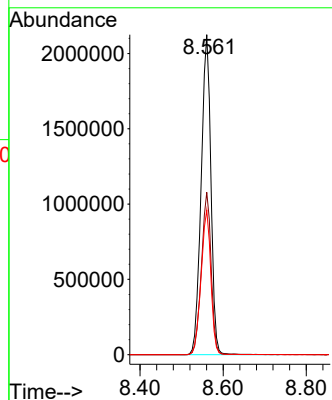
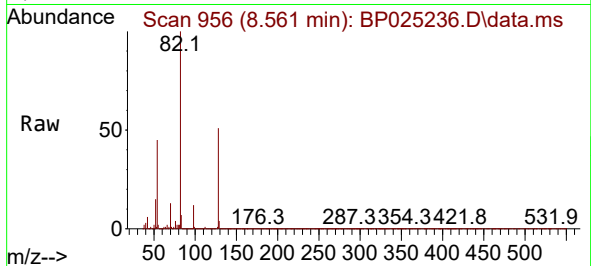




#23
Nitrobenzene-d5
Concen: 77.943 ng
RT: 8.561 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

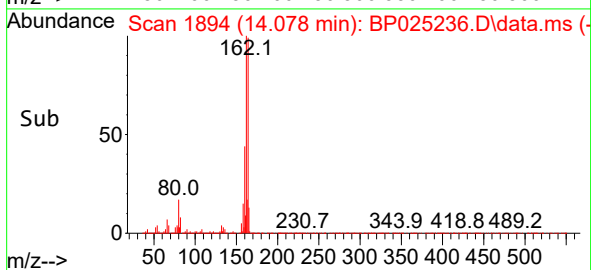
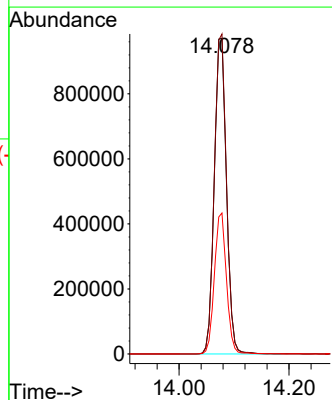
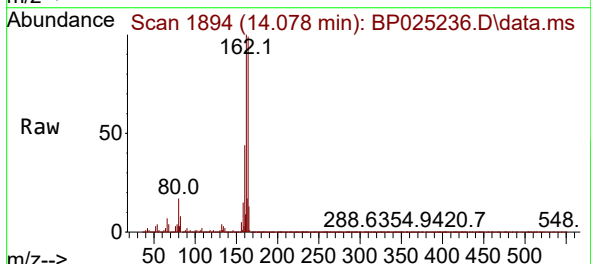
Instrument :
BNA_P
ClientSampleId :
PB168969TB

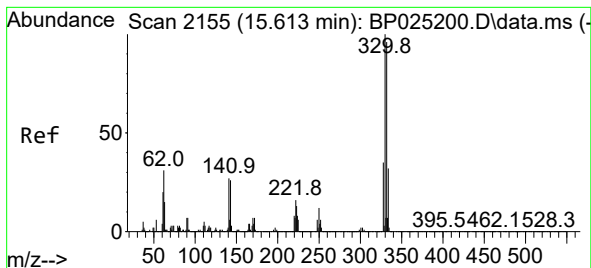
Tgt Ion: 82 Resp: 3468795
Ion Ratio Lower Upper
82 100
128 50.8 40.2 60.4
54 45.2 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.001 min
Lab File: BP025236.D
Acq: 24 Jul 2025 10:36

Tgt Ion:164 Resp: 1495565
Ion Ratio Lower Upper
164 100
162 101.4 80.3 120.5
160 44.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 117.819 ng

RT: 15.607 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP025236.D

Acq: 24 Jul 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB168969TB

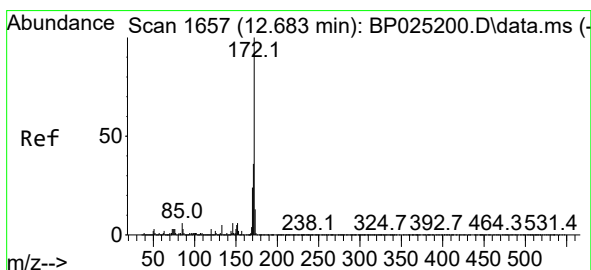
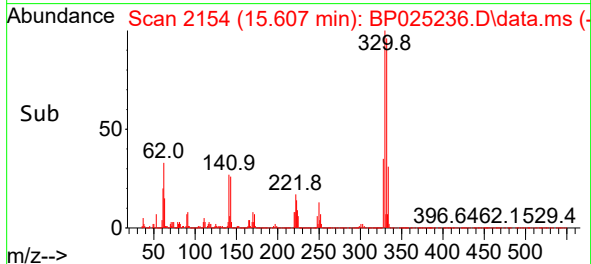
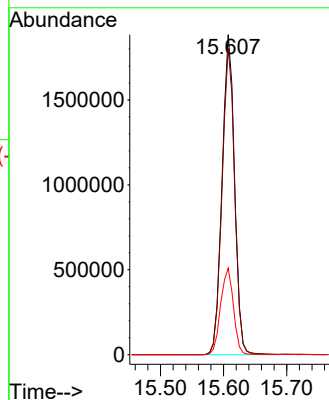
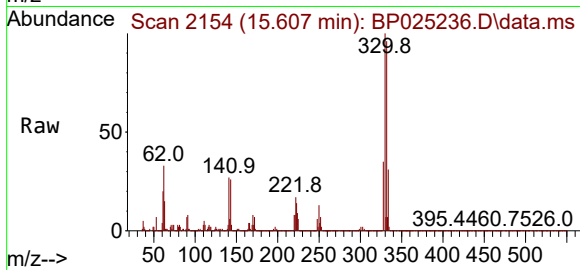
Tgt Ion:330 Resp: 2597658

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 27.6 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 78.473 ng

RT: 12.672 min Scan# 1655

Delta R.T. -0.011 min

Lab File: BP025236.D

Acq: 24 Jul 2025 10:36

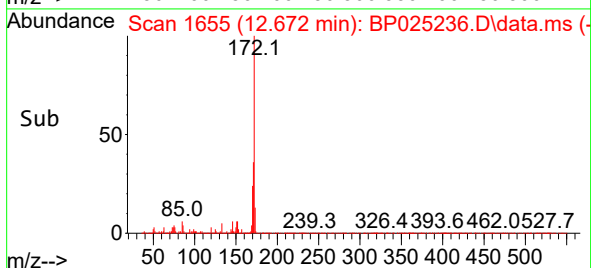
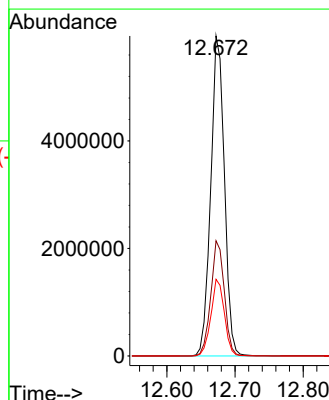
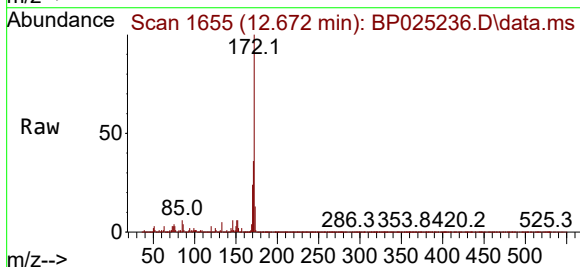
Tgt Ion:172 Resp: 8324571

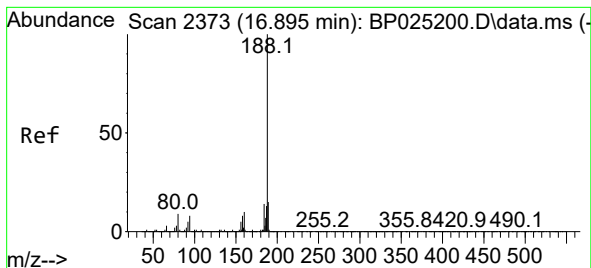
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.9 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.907 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025236.D

Acq: 24 Jul 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB168969TB

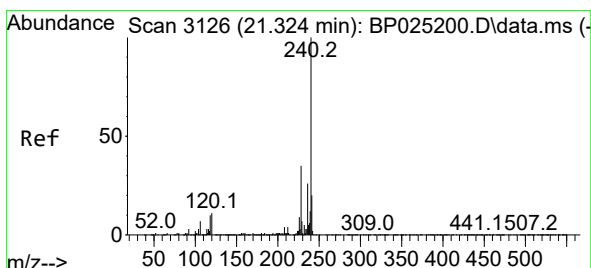
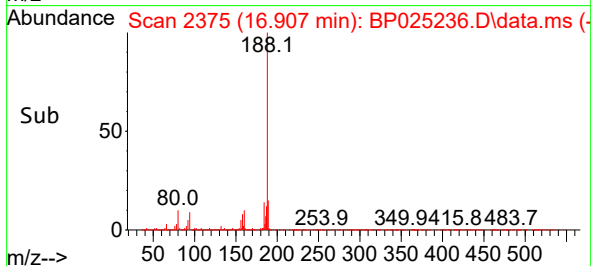
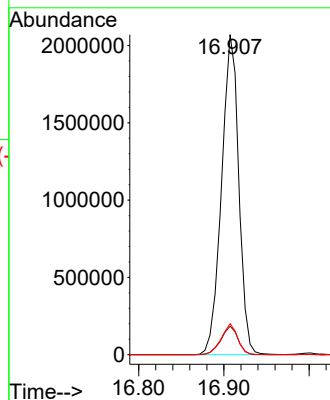
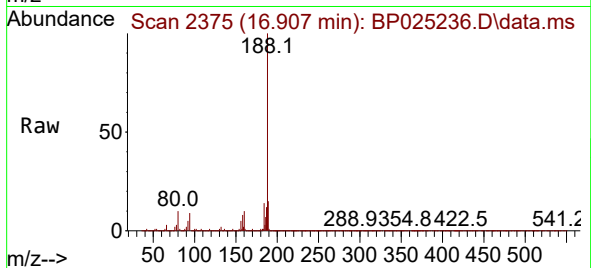
Tgt Ion:188 Resp: 2901132

Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

80 9.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.331 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BP025236.D

Acq: 24 Jul 2025 10:36

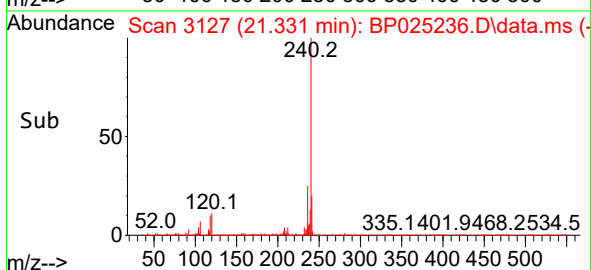
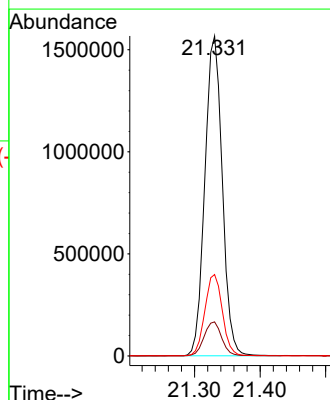
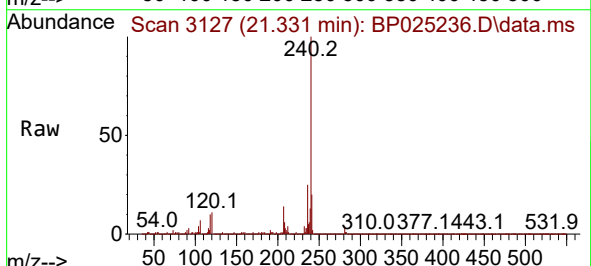
Tgt Ion:240 Resp: 2893957

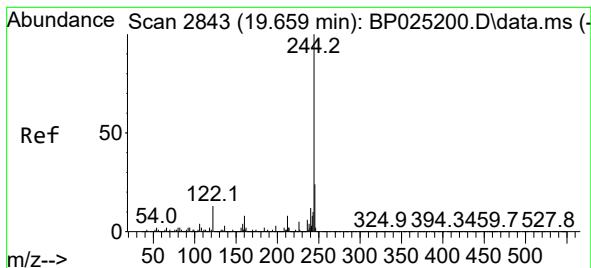
Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 79.060 ng

RT: 19.660 min Scan# 21

Delta R.T. 0.001 min

Lab File: BP025236.D

Acq: 24 Jul 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB168969TB

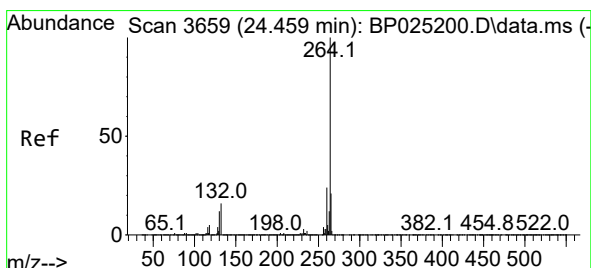
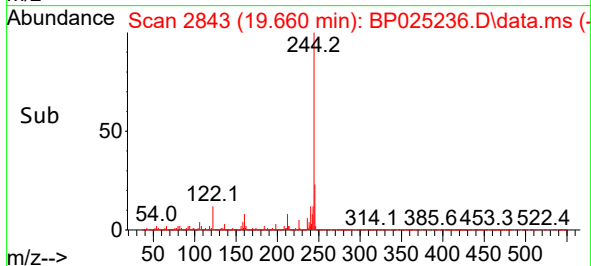
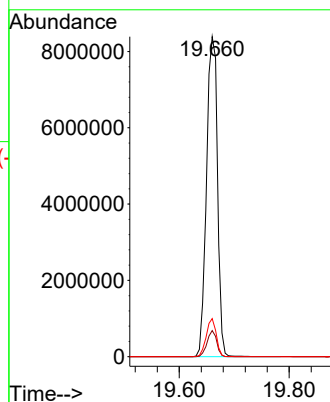
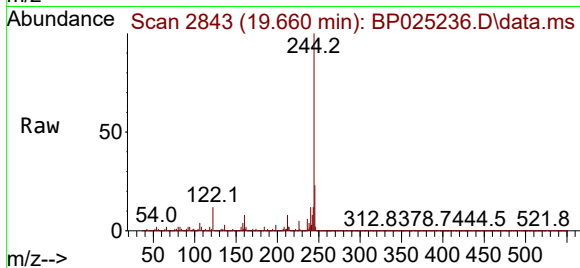
Tgt Ion:244 Resp:11590337

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

122 11.9 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.466 min Scan# 3660

Delta R.T. 0.006 min

Lab File: BP025236.D

Acq: 24 Jul 2025 10:36

Tgt Ion:264 Resp: 3251982

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.5 17.5 26.3

