

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
 Data File : BP025237.D
 Acq On : 24 Jul 2025 11:17
 Operator : CG/JU
 Sample : PB168953TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168953TB

Quant Time: Jul 24 12:07:27 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	7.437	152	634921	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2401543	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1434792	20.000	ng	0.00
64) Phenanthrene-d10	16.890	188	2804188	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2780840	20.000	ng	0.02
86) Perylene-d12	24.477	264	3190150	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4485516	119.368	ng	0.00
7) Phenol-d6	6.643	99	5309336	114.079	ng	0.00
23) Nitrobenzene-d5	8.566	82	3314548	76.701	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	2521901	119.228	ng	-0.01
45) 2-Fluorobiphenyl	12.678	172	8173174	80.309	ng	0.00
79) Terphenyl-d14	19.666	244	11853298	84.143	ng	0.00

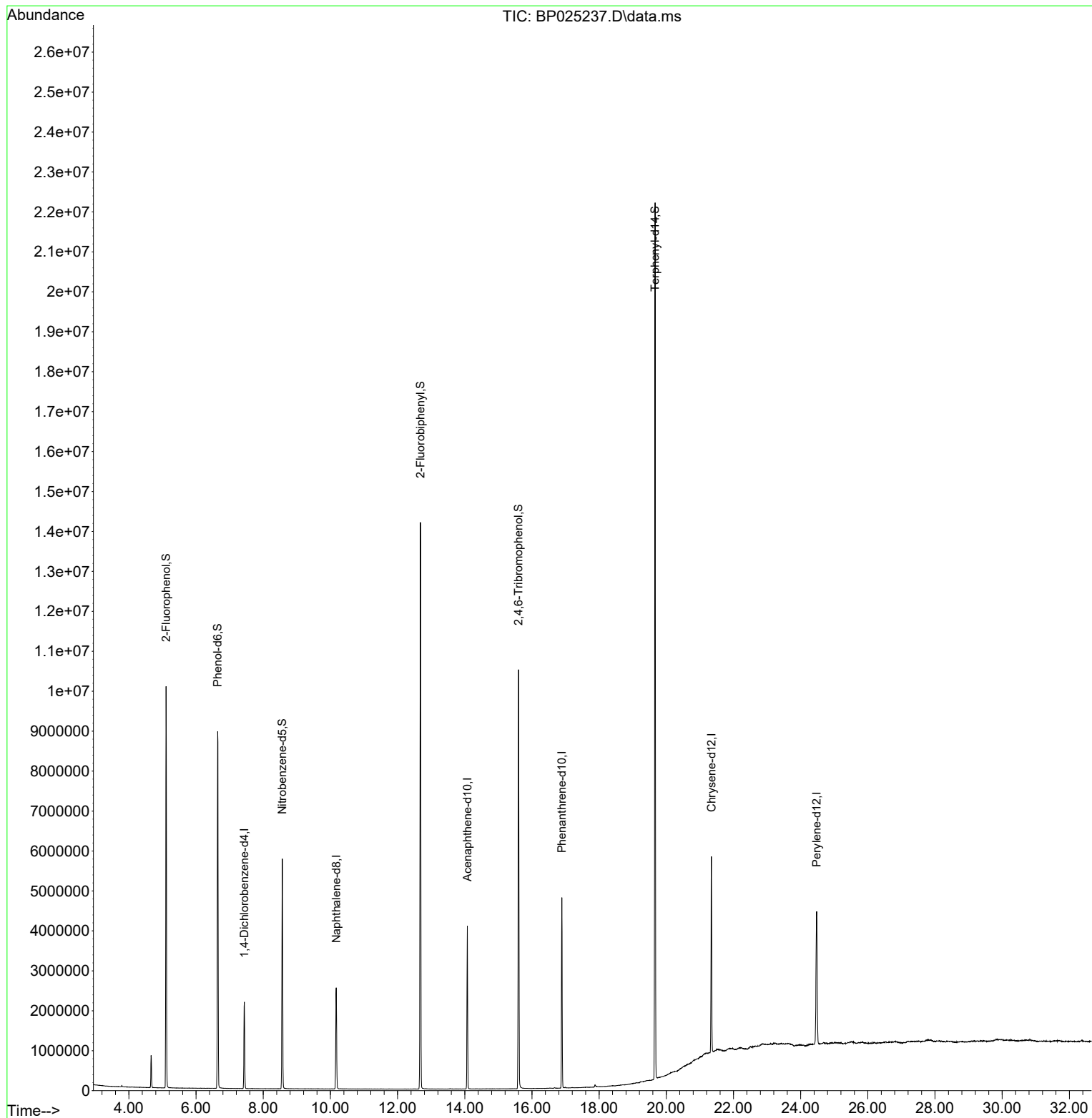
Target Compounds	Qvalue

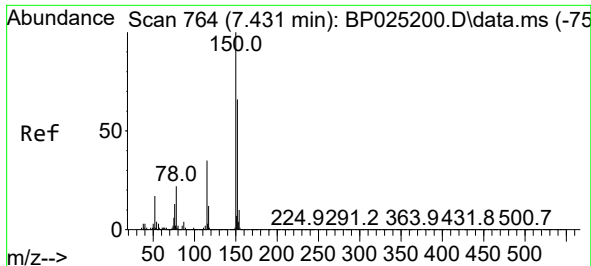
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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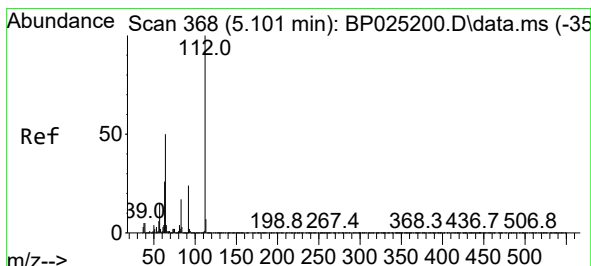
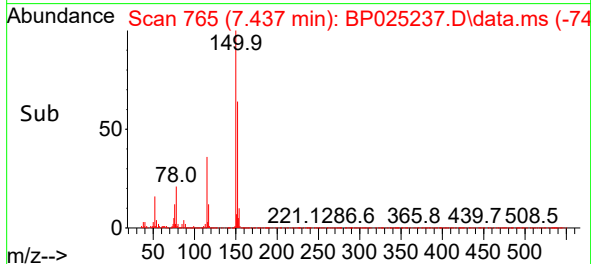
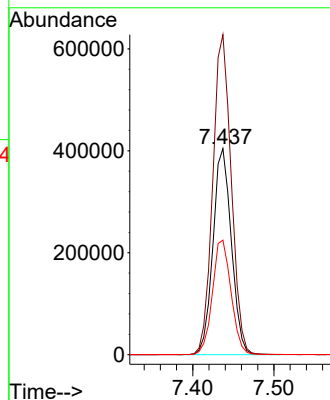
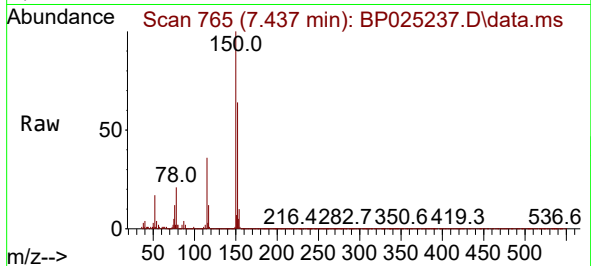




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP025237.D
Acq: 24 Jul 2025 11:17

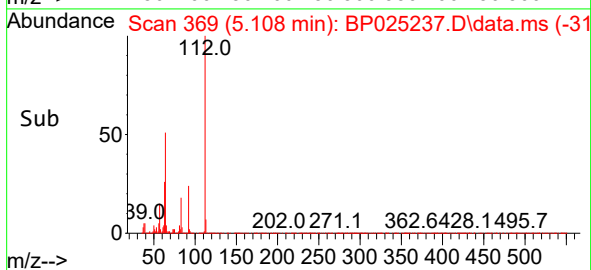
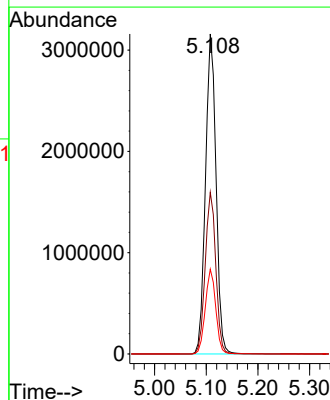
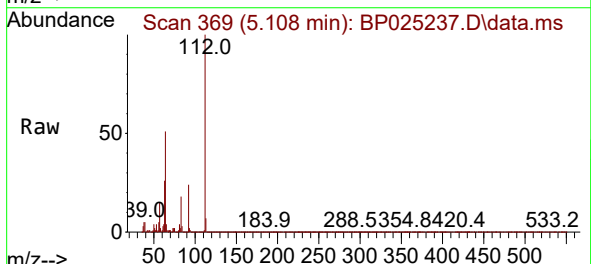
Instrument :
BNA_P
ClientSampleId :
PB168953TB

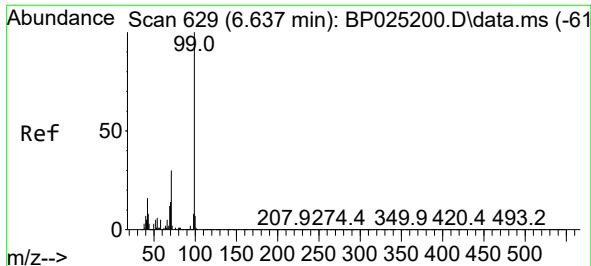
Tgt Ion:152 Resp: 634921
Ion Ratio Lower Upper
152 100
150 155.3 121.9 182.9
115 55.6 43.0 64.6



#5
2-Fluorophenol
Concen: 119.368 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025237.D
Acq: 24 Jul 2025 11:17

Tgt Ion:112 Resp: 4485516
Ion Ratio Lower Upper
112 100
64 50.5 39.8 59.6
63 26.5 20.5 30.7

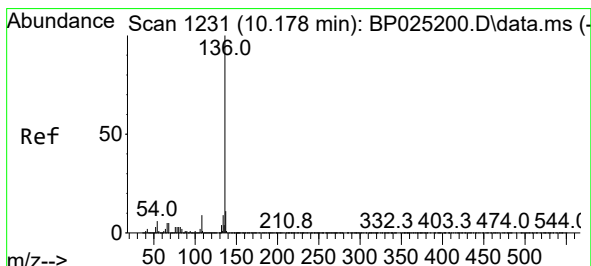
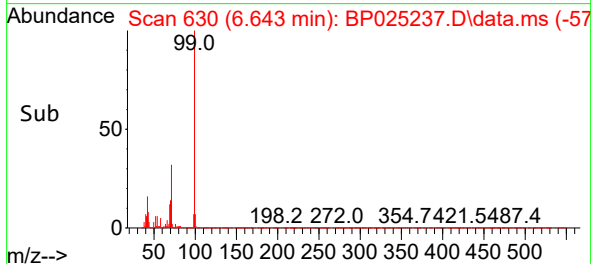
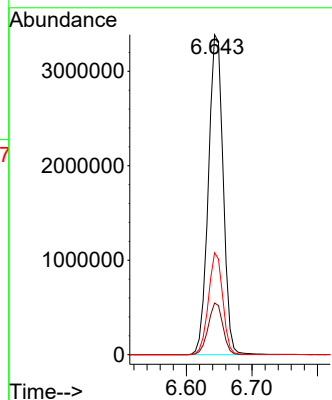
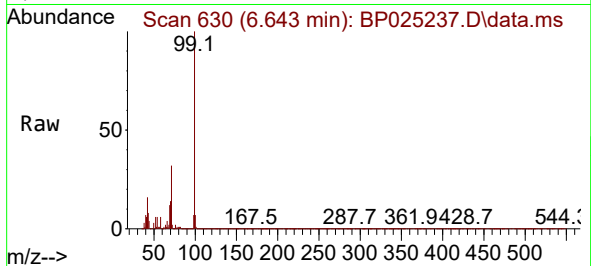




#7
Phenol-d6
Concen: 114.079 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025237.D
Acq: 24 Jul 2025 11:17

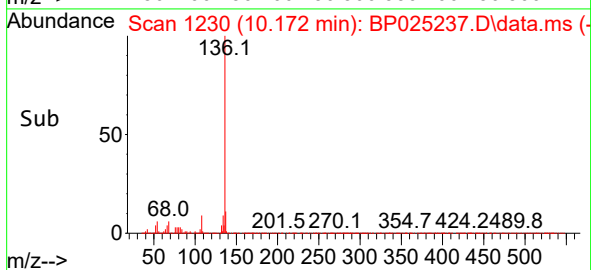
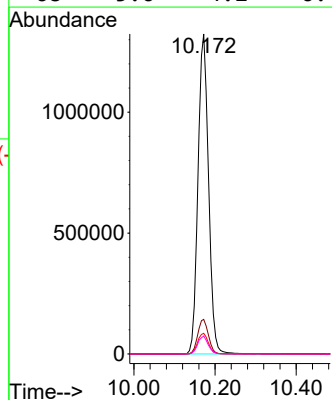
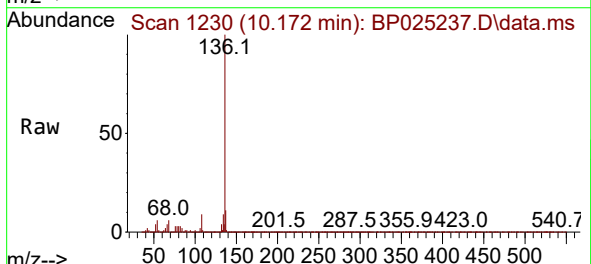
Instrument :
BNA_P
ClientSampleId :
PB168953TB

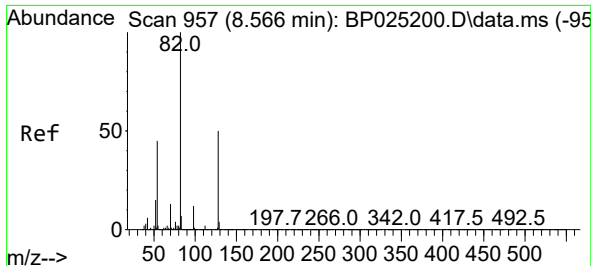
Tgt Ion: 99 Resp: 5309336
Ion Ratio Lower Upper
99 100
42 16.1 12.5 18.7
71 31.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025237.D
Acq: 24 Jul 2025 11:17

Tgt Ion: 136 Resp: 2401543
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.1 7.7
68 5.6 4.2 6.4

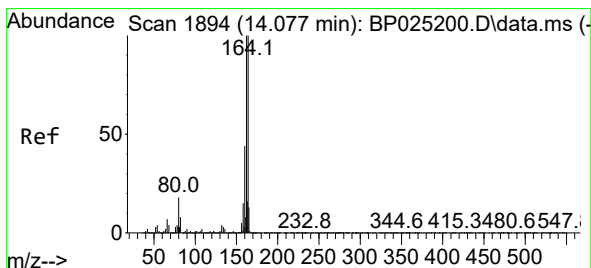
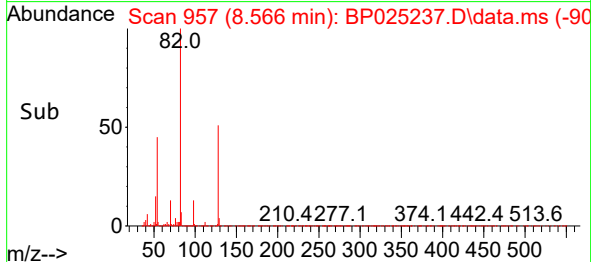
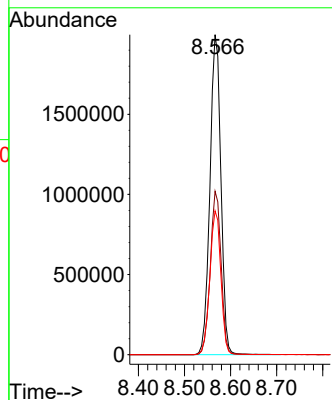
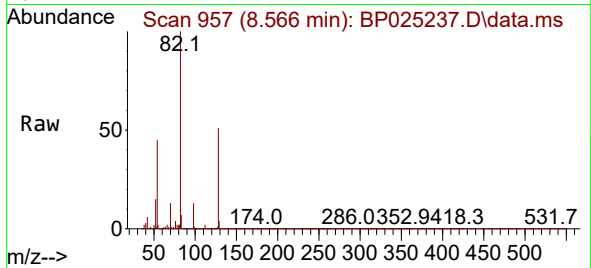




#23
Nitrobenzene-d5
Concen: 76.701 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.001 min
Lab File: BP025237.D
Acq: 24 Jul 2025 11:17

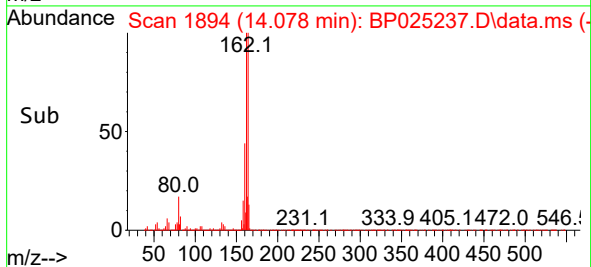
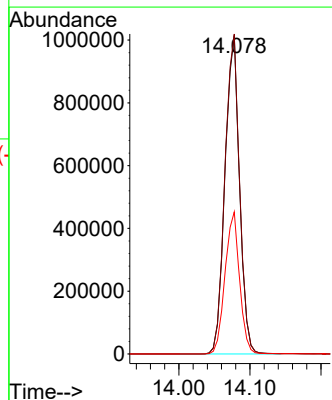
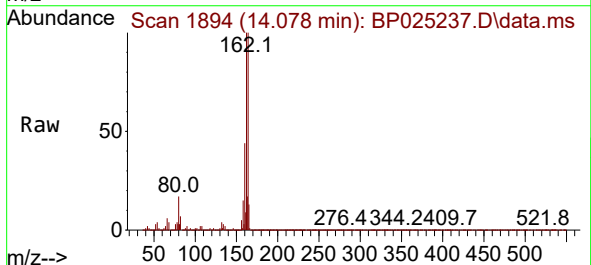
Instrument :
BNA_P
ClientSampleId :
PB168953TB

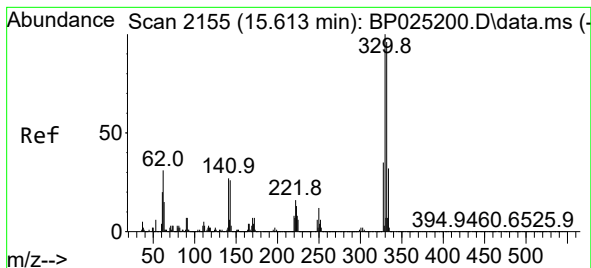
Tgt Ion: 82 Resp: 3314548
Ion Ratio Lower Upper
82 100
128 51.0 40.2 60.4
54 44.9 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025237.D
Acq: 24 Jul 2025 11:17

Tgt Ion:164 Resp: 1434792
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 119.228 ng

RT: 15.601 min Scan# 2155

Delta R.T. -0.011 min

Lab File: BP025237.D

Acq: 24 Jul 2025 11:17

Instrument :

BNA_P

ClientSampleId :

PB168953TB

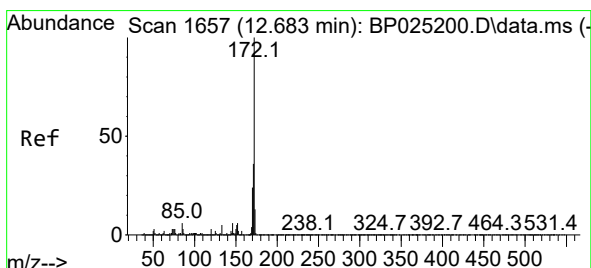
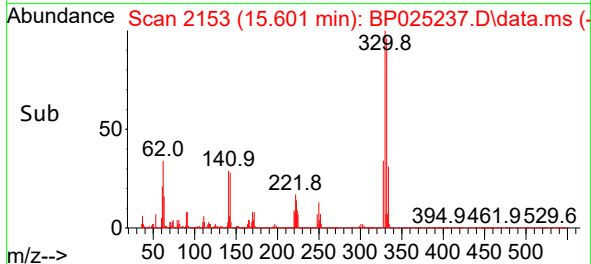
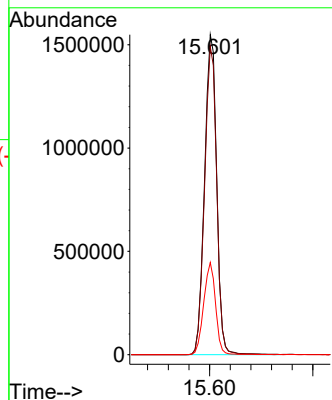
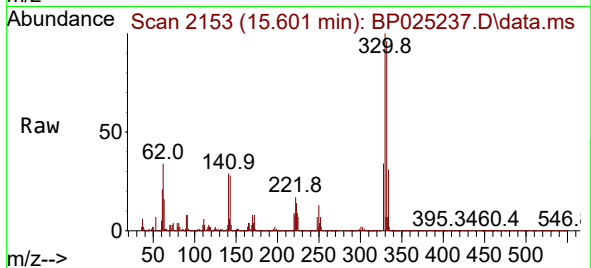
Tgt Ion:330 Resp: 2521901

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 28.0 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 80.309 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.005 min

Lab File: BP025237.D

Acq: 24 Jul 2025 11:17

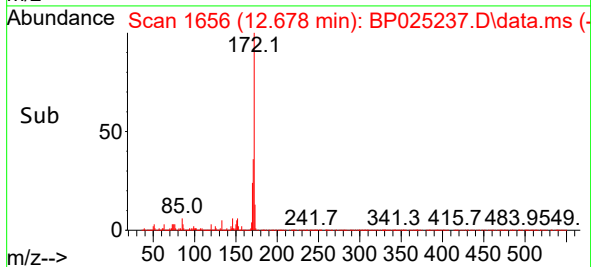
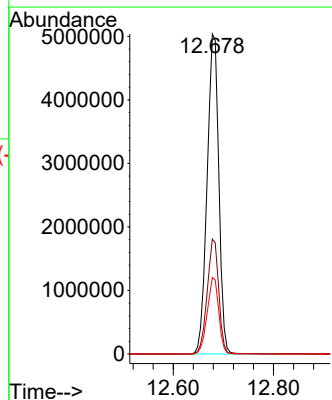
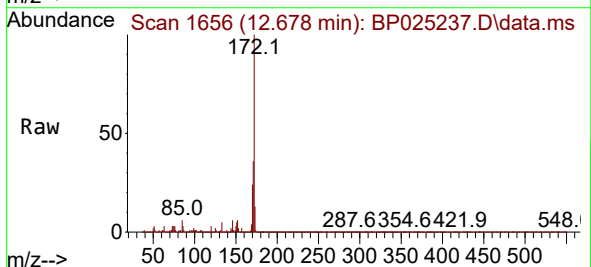
Tgt Ion:172 Resp: 8173174

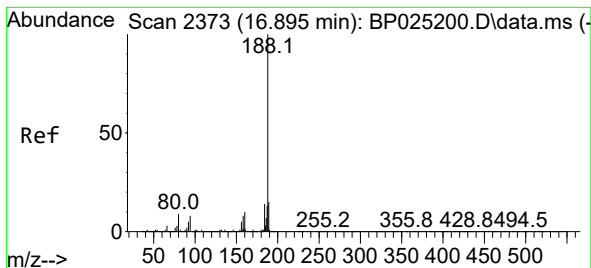
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.9 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.890 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP025237.D

Acq: 24 Jul 2025 11:17

Instrument :

BNA_P

ClientSampleId :

PB168953TB

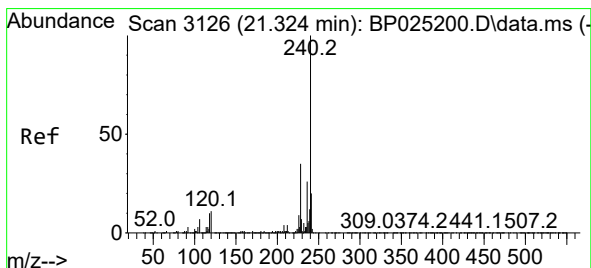
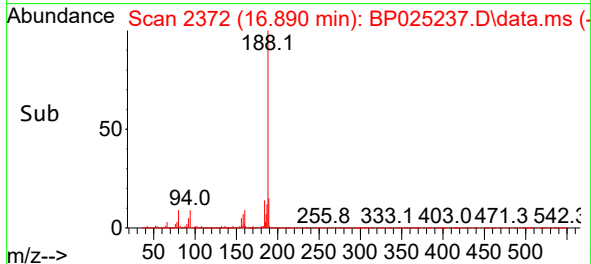
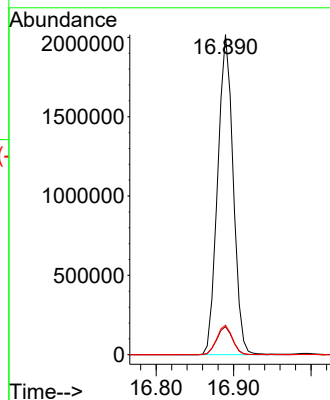
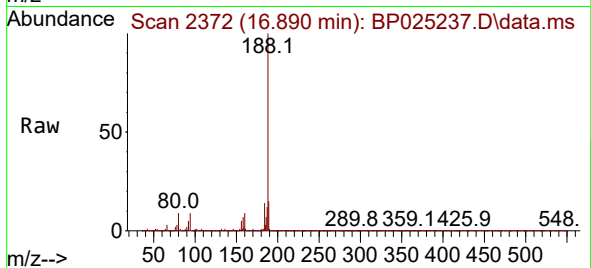
Tgt Ion:188 Resp: 2804188

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 9.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.342 min Scan# 3129

Delta R.T. 0.018 min

Lab File: BP025237.D

Acq: 24 Jul 2025 11:17

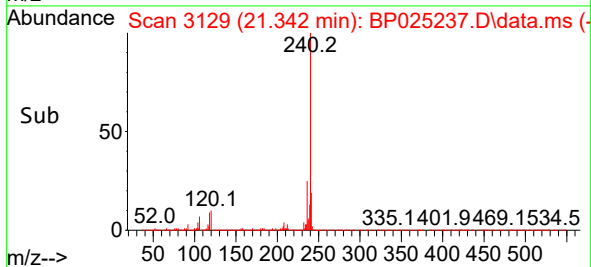
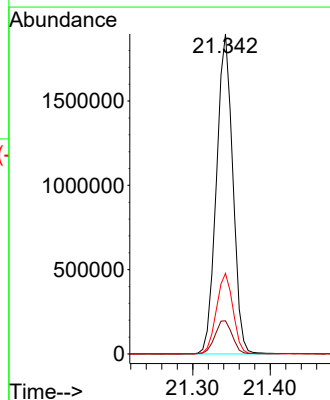
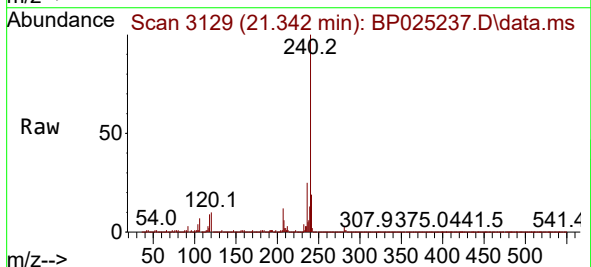
Tgt Ion:240 Resp: 2780840

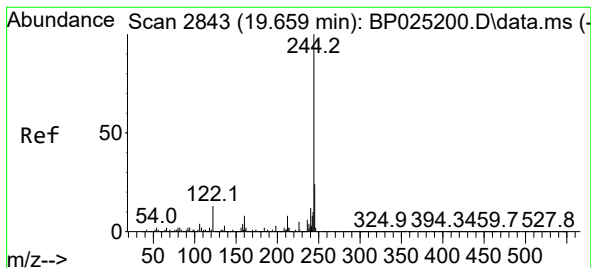
Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 84.143 ng

RT: 19.666 min Scan# 21

Delta R.T. 0.007 min

Lab File: BP025237.D

Acq: 24 Jul 2025 11:17

Instrument :

BNA_P

ClientSampleId :

PB168953TB

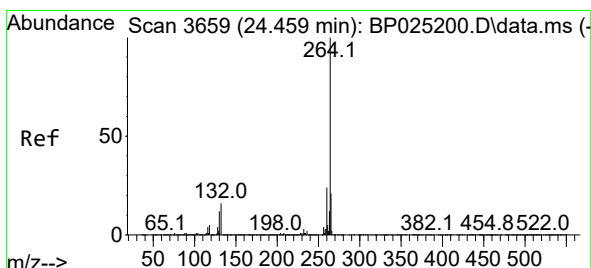
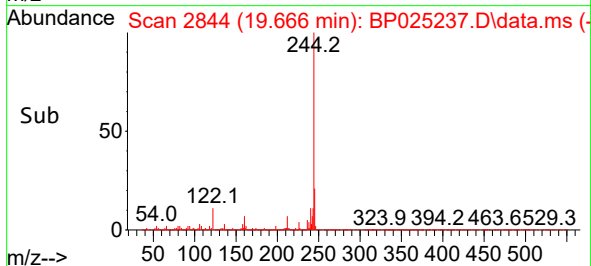
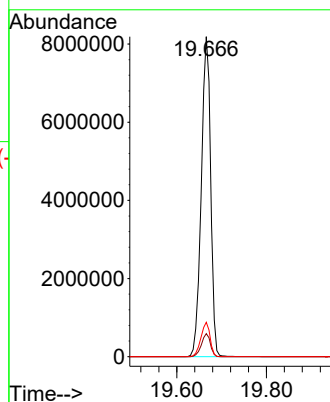
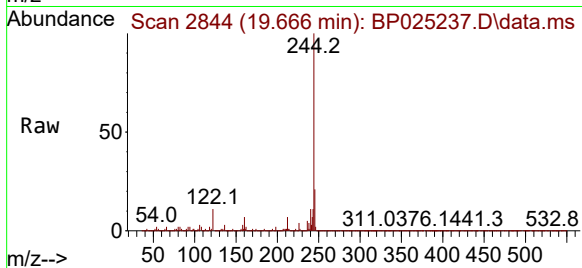
Tgt Ion:244 Resp:11853298

Ion Ratio Lower Upper

244 100

212 7.2 6.6 9.8

122 10.7 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 3662

Delta R.T. 0.018 min

Lab File: BP025237.D

Acq: 24 Jul 2025 11:17

Tgt Ion:264 Resp: 3190150

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.0 17.5 26.3

