

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
 Data File : BP025212.D
 Acq On : 22 Jul 2025 13:14
 Operator : CG/JU
 Sample : Q2639-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-42-071725

Quant Time: Jul 22 13:37:09 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)

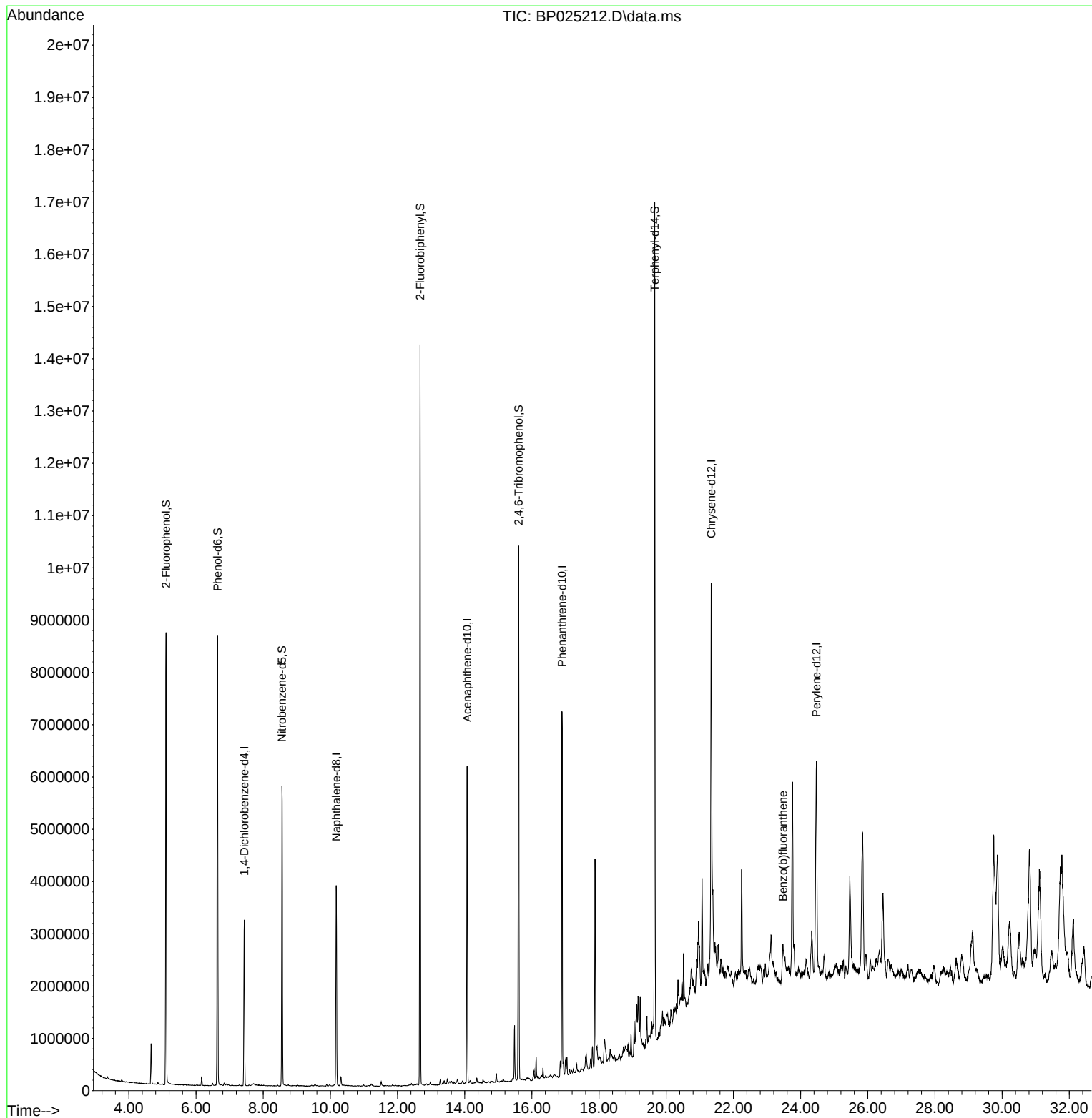
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	904868	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	3462898	20.000	ng	0.00
39) Acenaphthene-d10	14.072	164	2059504	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	3779952	20.000	ng	0.00
76) Chrysene-d12	21.336	240	3553060	20.000	ng	0.01
86) Perylene-d12	24.471	264	4178405	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4145506	77.408	ng	0.00
7) Phenol-d6	6.637	99	5100134	76.892	ng	0.00
23) Nitrobenzene-d5	8.560	82	3201331	51.375	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2372489	78.141	ng	0.00
45) 2-Fluorobiphenyl	12.672	172	7198737	49.278	ng	-0.01
79) Terphenyl-d14	19.660	244	8614502	47.861	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	23.477	252	524002	2.191	ng	Qvalue # 95

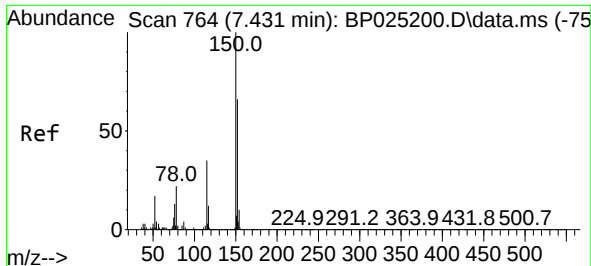
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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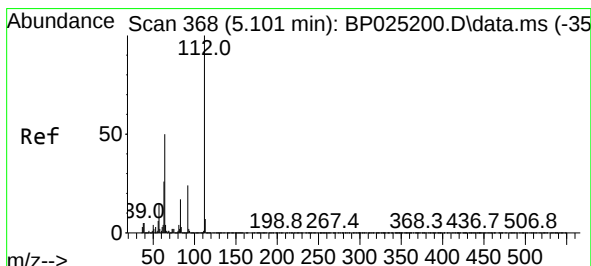
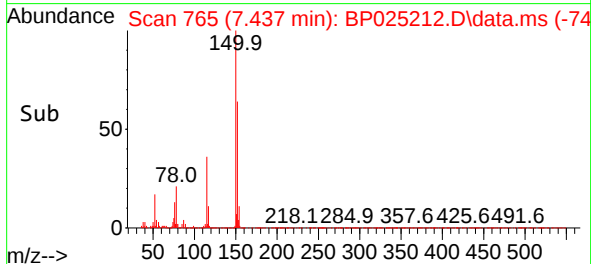
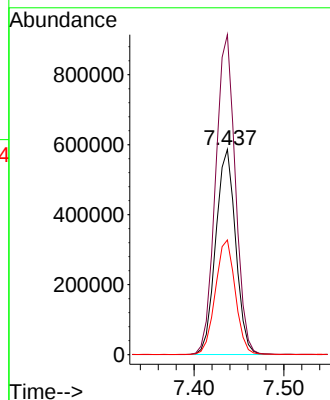
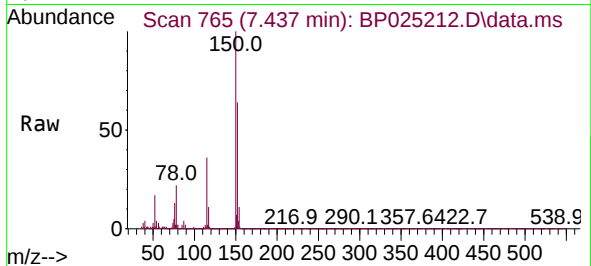




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

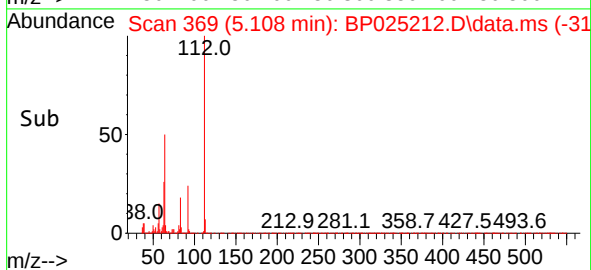
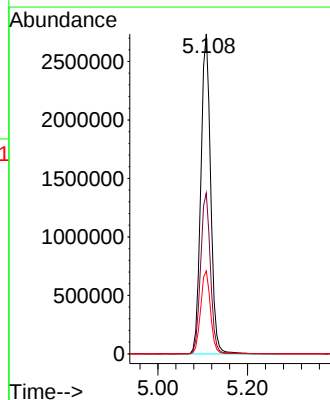
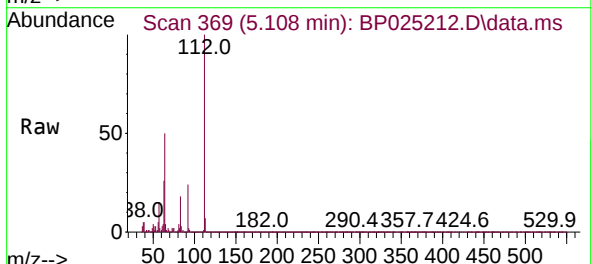
Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

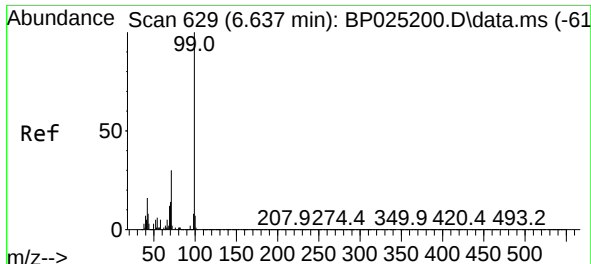
Tgt Ion:152 Resp: 904868
Ion Ratio Lower Upper
152 100
150 155.9 121.9 182.9
115 55.9 43.0 64.6



#5
2-Fluorophenol
Concen: 77.408 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:112 Resp: 4145506
Ion Ratio Lower Upper
112 100
64 50.3 39.8 59.6
63 25.9 20.5 30.7

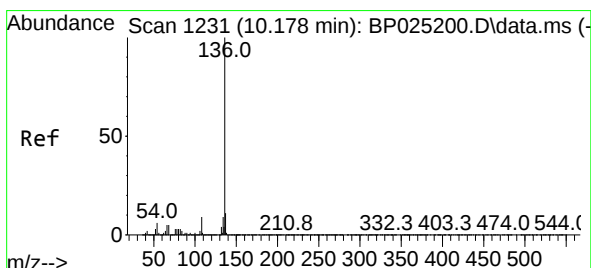
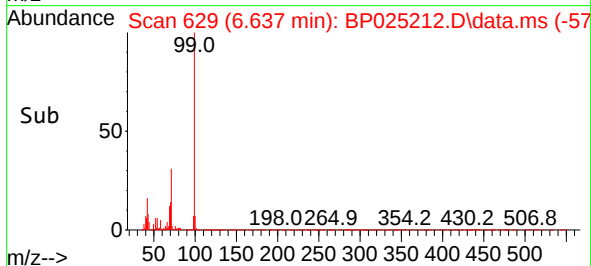
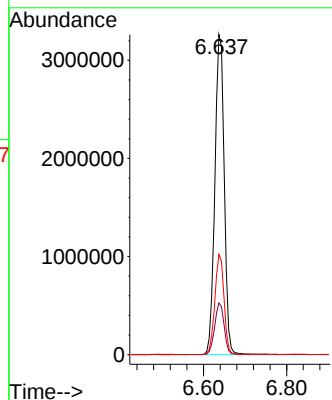
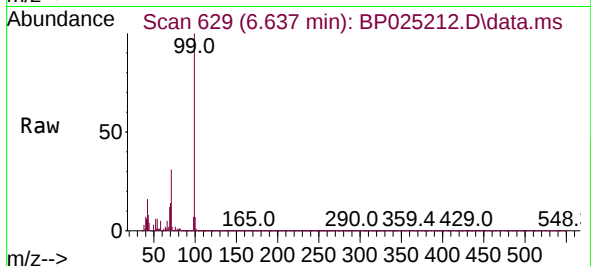




#7
Phenol-d6
Concen: 76.892 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

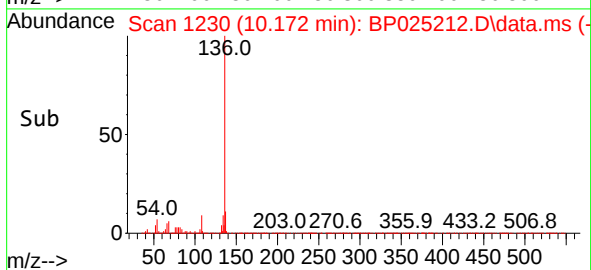
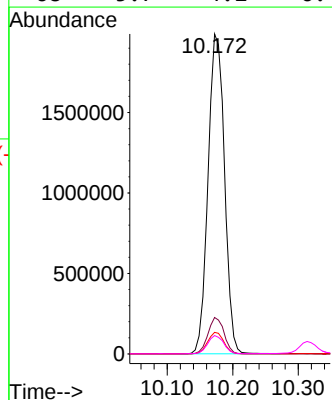
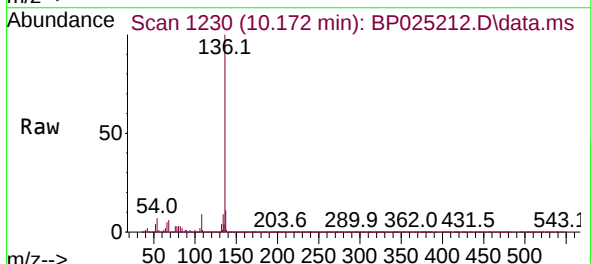
Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

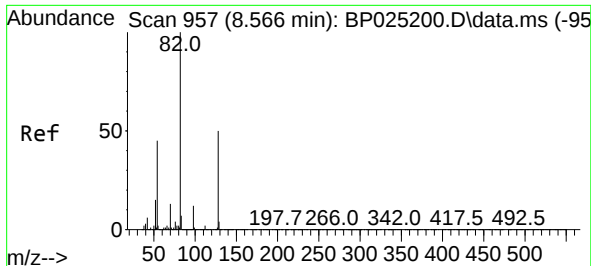
Tgt Ion: 99 Resp: 5100134
Ion Ratio Lower Upper
99 100
42 16.1 12.5 18.7
71 31.3 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:136 Resp: 3462898
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.7 5.1 7.7
68 5.7 4.2 6.4

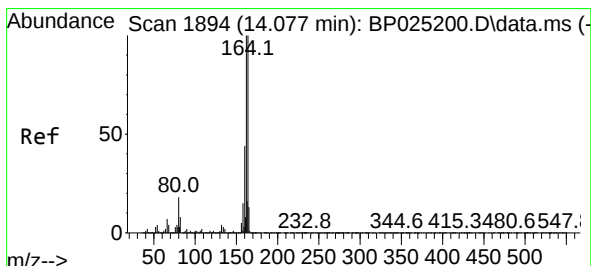
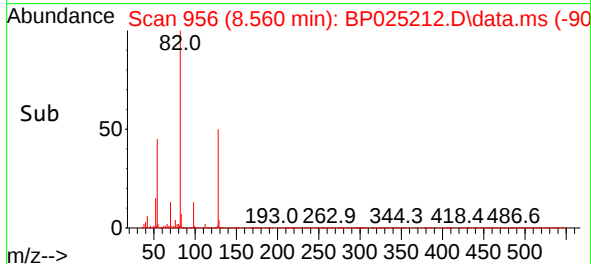
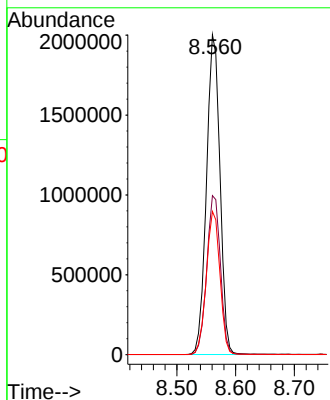
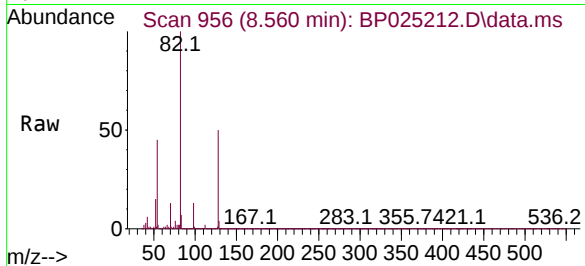




#23
Nitrobenzene-d5
Concen: 51.375 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

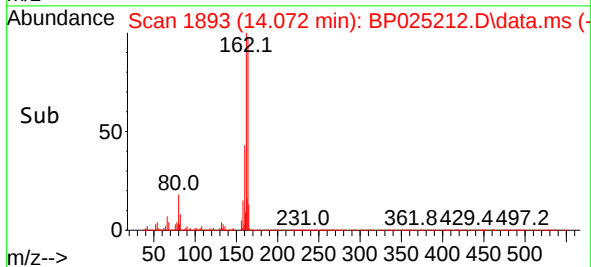
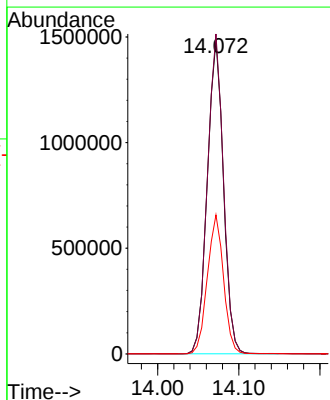
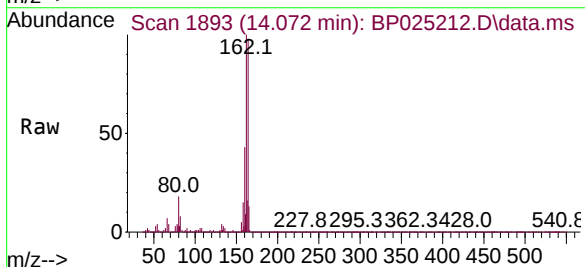
Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

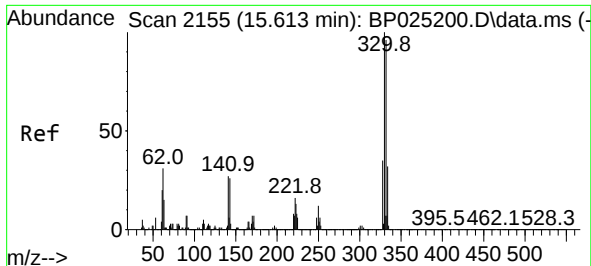
Tgt Ion: 82 Resp: 3201331
Ion Ratio Lower Upper
82 100
128 49.7 40.2 60.4
54 44.7 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.072 min Scan# 1893
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:164 Resp: 2059504
Ion Ratio Lower Upper
164 100
162 102.0 80.3 120.5
160 44.3 35.7 53.5

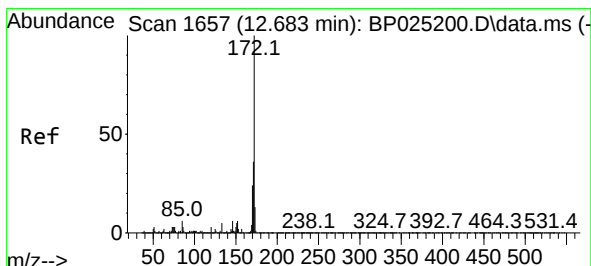
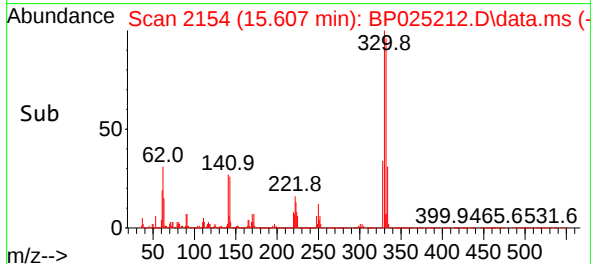
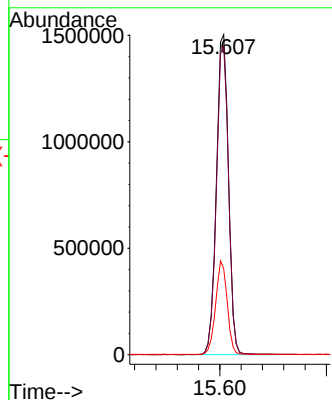
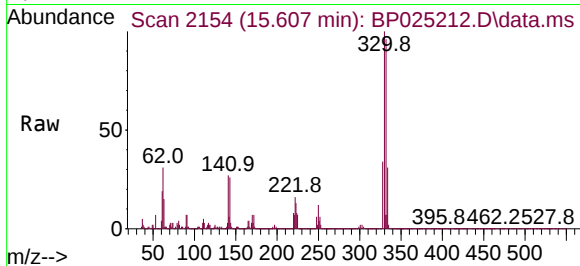




#42
2,4,6-Tribromophenol
Concen: 78.141 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

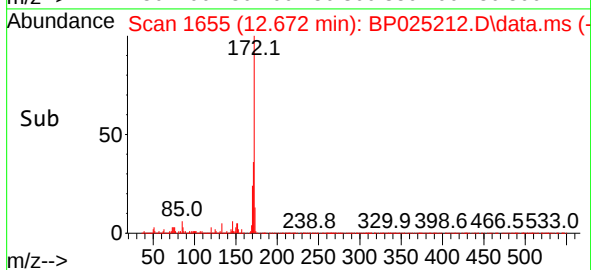
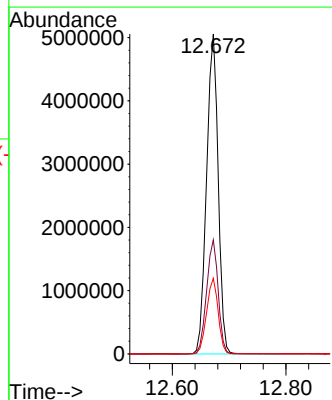
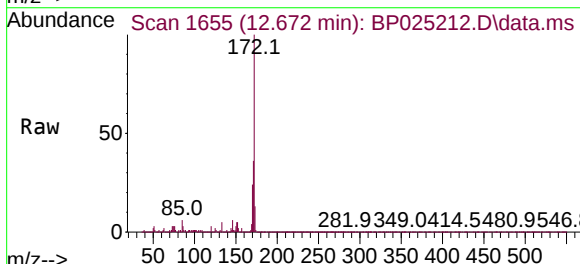
Instrument :
BNA_P
ClientSampleId :
OU4-TS-42-071725

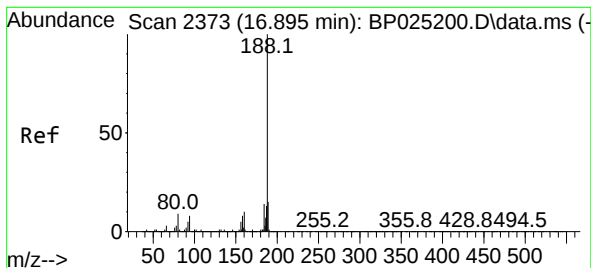
Tgt Ion:330 Resp: 2372489
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 27.9 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 49.278 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.011 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Tgt Ion:172 Resp: 7198737
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.6 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.895 min Scan# 2373

Delta R.T. 0.000 min

Lab File: BP025212.D

Acq: 22 Jul 2025 13:14

Instrument :

BNA_P

ClientSampleId :

OU4-TS-42-071725

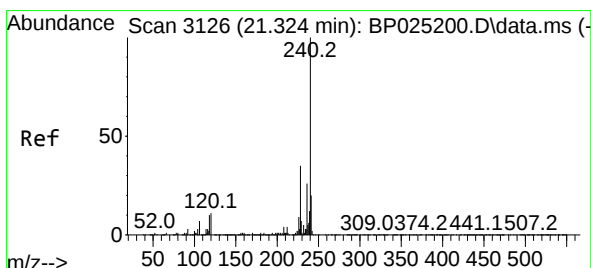
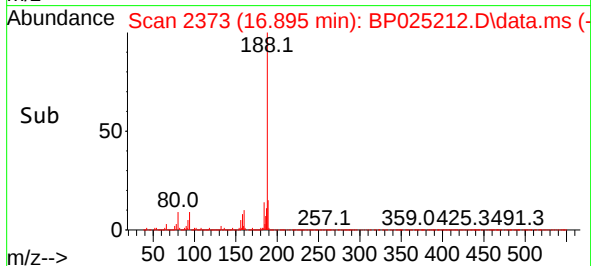
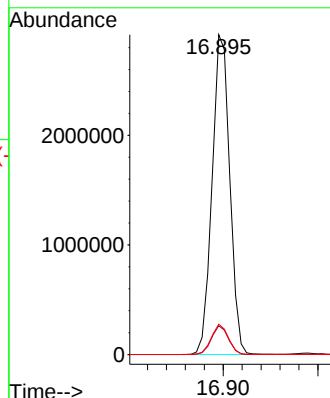
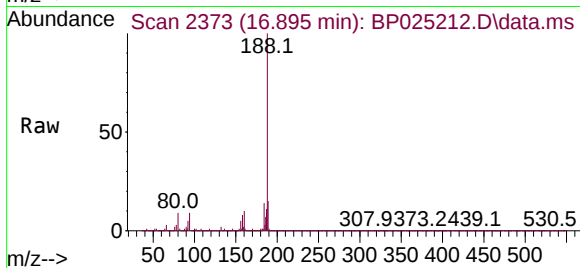
Tgt Ion:188 Resp: 3779952

Ion Ratio Lower Upper

188 100

94 9.0 6.8 10.2

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.336 min Scan# 3128

Delta R.T. 0.012 min

Lab File: BP025212.D

Acq: 22 Jul 2025 13:14

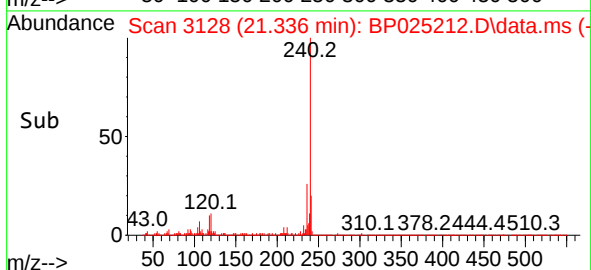
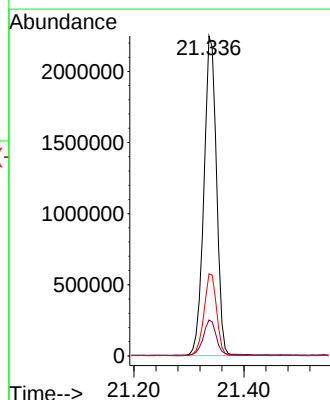
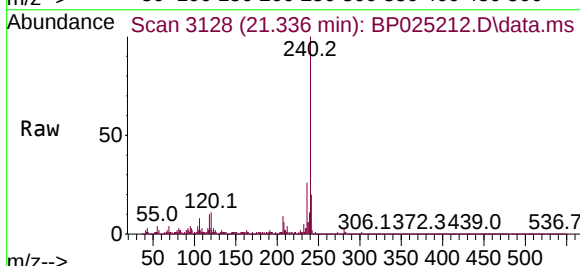
Tgt Ion:240 Resp: 3553060

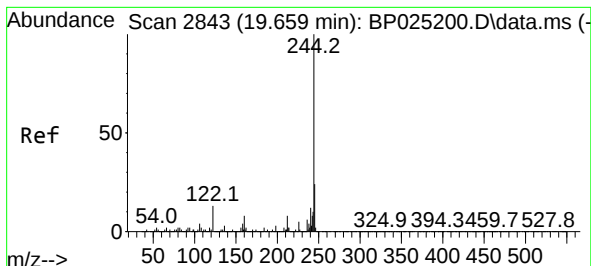
Ion Ratio Lower Upper

240 100

120 11.2 8.8 13.2

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 47.861 ng

RT: 19.660 min Scan# 2843

Delta R.T. 0.001 min

Lab File: BP025212.D

Acq: 22 Jul 2025 13:14

Instrument :

BNA_P

ClientSampleId :

OU4-TS-42-071725

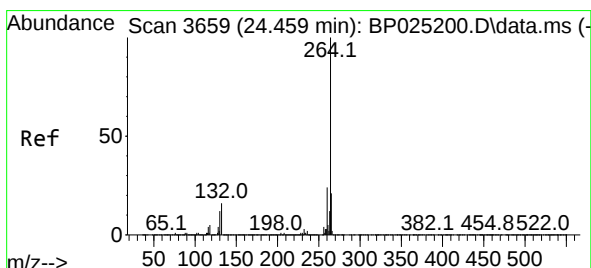
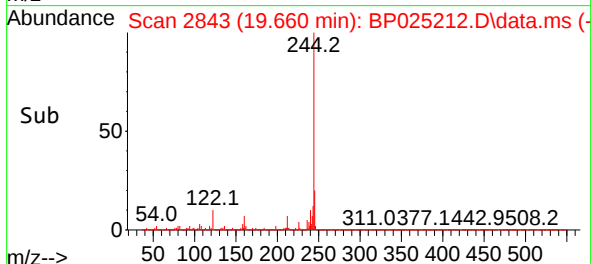
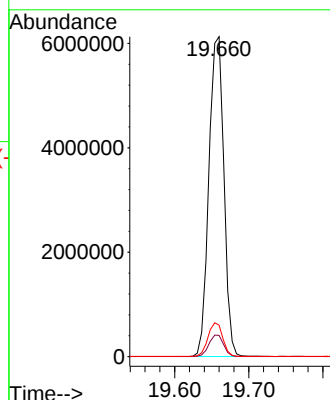
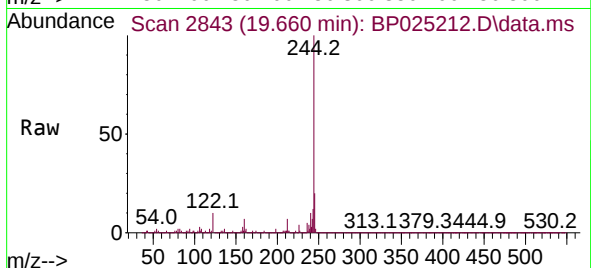
Tgt Ion:244 Resp: 8614502

Ion Ratio Lower Upper

244 100

212 6.6 6.6 9.8

122 9.8 10.3 15.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3661

Delta R.T. 0.012 min

Lab File: BP025212.D

Acq: 22 Jul 2025 13:14

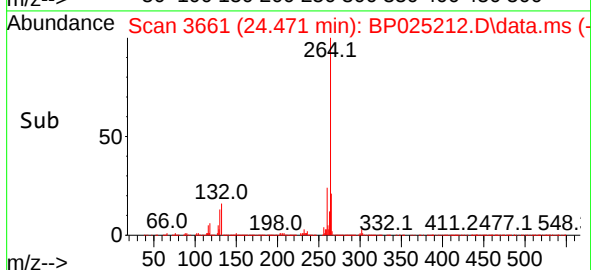
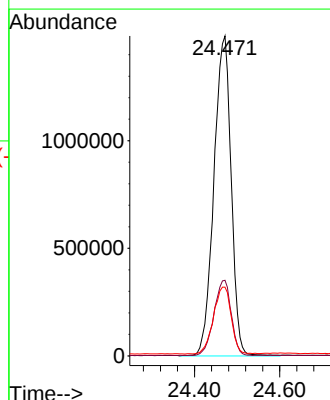
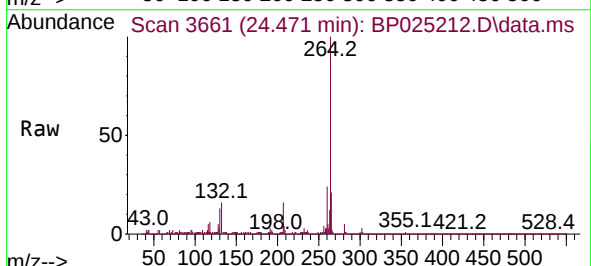
Tgt Ion:264 Resp: 4178405

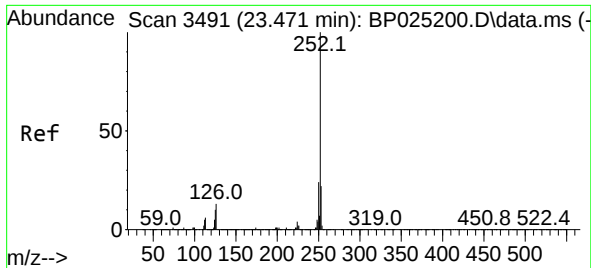
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

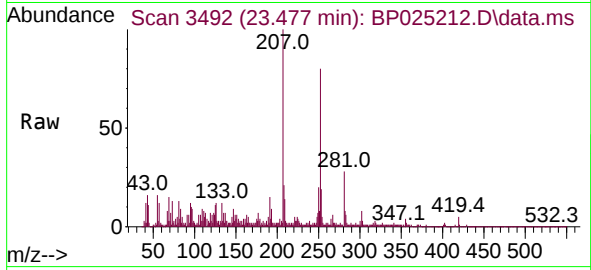
265 21.5 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 2.191 ng
RT: 23.477 min Scan# 3491
Delta R.T. 0.006 min
Lab File: BP025212.D
Acq: 22 Jul 2025 13:14

Instrument :
BNA_P
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OU4-TS-42-071725



Tgt Ion:252 Resp: 524002
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 13.6 7.8 11.8#

