

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072825\
 Data File : BP025253.D
 Acq On : 28 Jul 2025 18:20
 Operator : CG/JU
 Sample : Q2703-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Jul 28 18:39:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

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

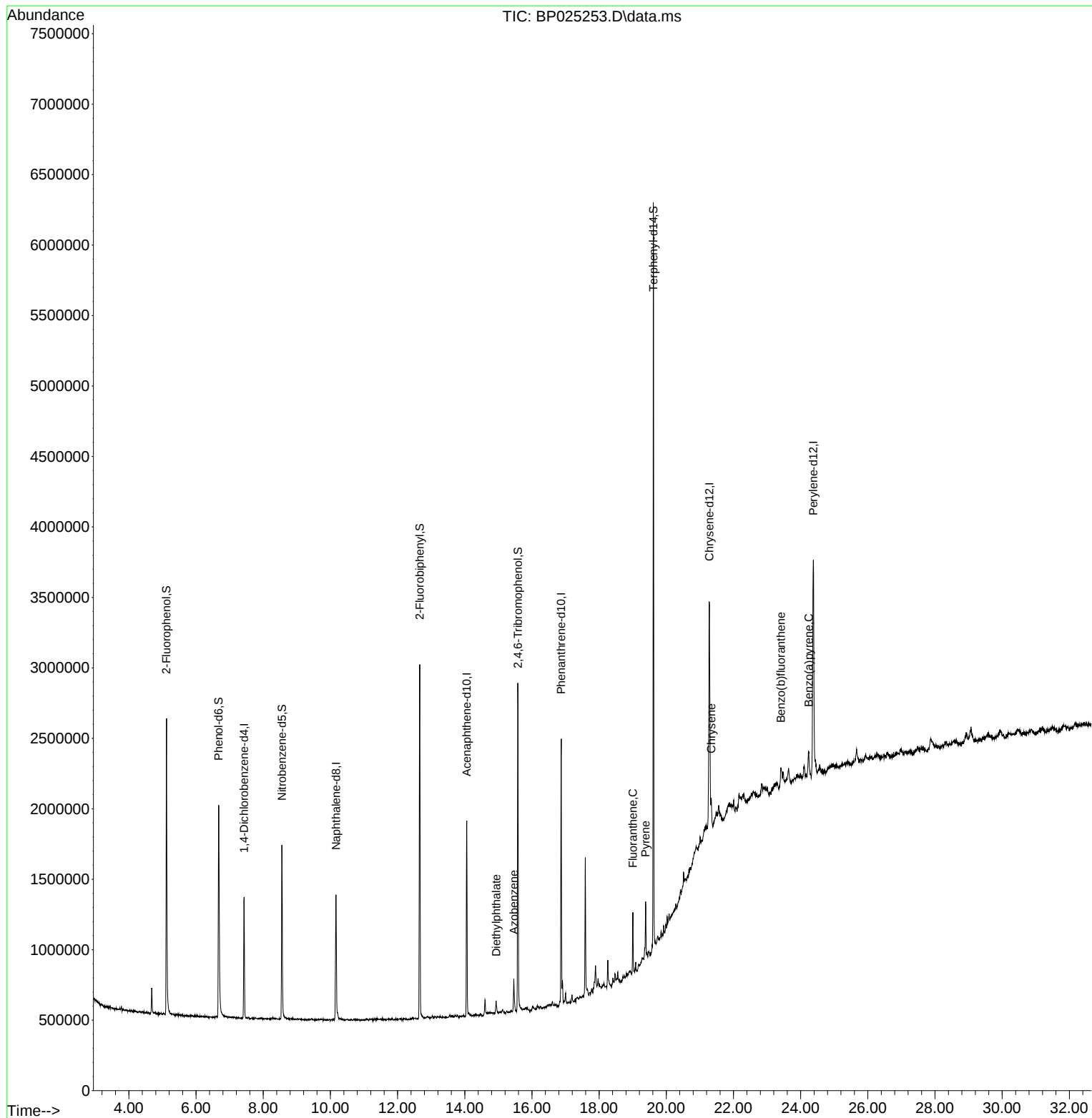
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	241387	20.000	ng	0.02
21) Naphthalene-d8	10.166	136	875491	20.000	ng	0.02
39) Acenaphthene-d10	14.060	164	510122	20.000	ng	0.02
64) Phenanthrene-d10	16.872	188	1041489	20.000	ng	0.03
76) Chrysene-d12	21.283	240	1266919	20.000	ng	0.02
86) Perylene-d12	24.377	264	1602011	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.119	112	1028322	71.980	ng	0.02
7) Phenol-d6	6.672	99	1172168	66.246	ng	0.04
23) Nitrobenzene-d5	8.554	82	726963	46.145	ng	0.01
42) 2,4,6-Tribromophenol	15.583	330	483786	64.330	ng	0.01
45) 2-Fluorobiphenyl	12.660	172	1432778	39.597	ng	0.00
79) Terphenyl-d14	19.613	244	2572308	40.080	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	14.936	149	72625	2.020	ng	98
63) Azobenzene	15.460	77	64448	2.199	ng	# 1
75) Fluoranthene	19.007	202	262210	3.966	ng	97
78) Pyrene	19.383	202	257694	3.299	ng	98
83) Chrysene	21.336	228	152936	2.048	ng	97
88) Benzo(b)fluoranthene	23.412	252	198960	2.170	ng	# 87
90) Benzo(a)pyrene	24.242	252	179395	2.005	ng	# 86

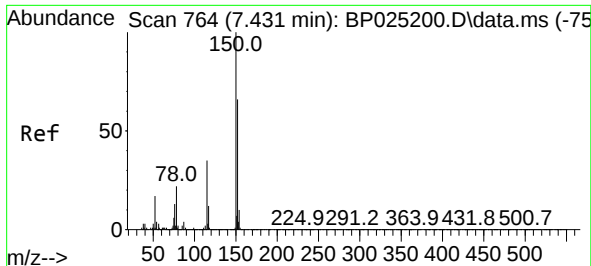
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

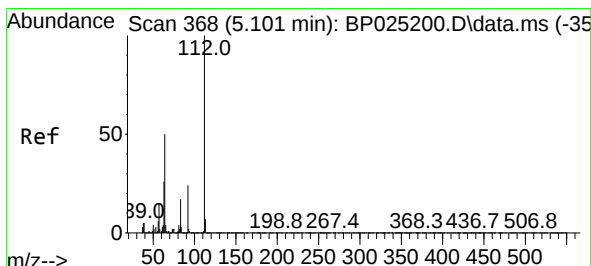
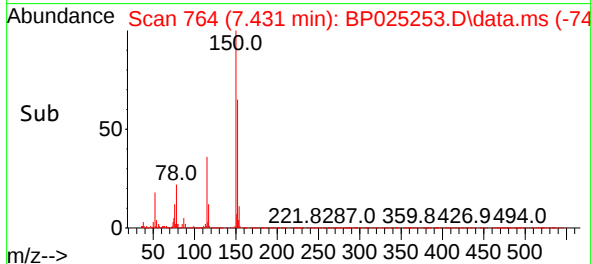
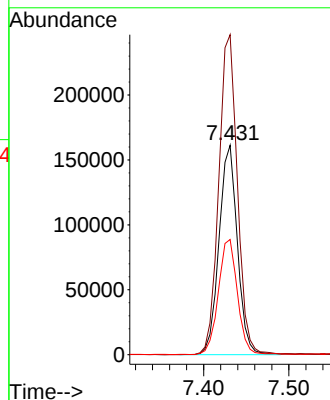
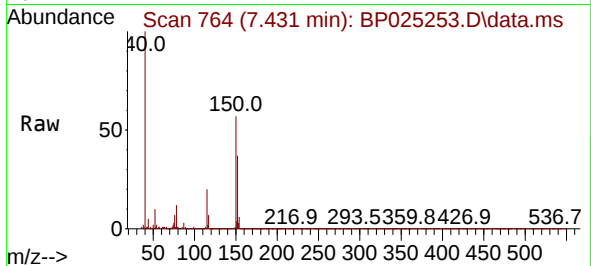




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.431 min Scan# 70
 Delta R.T. 0.017 min
 Lab File: BP025253.D
 Acq: 28 Jul 2025 18:20

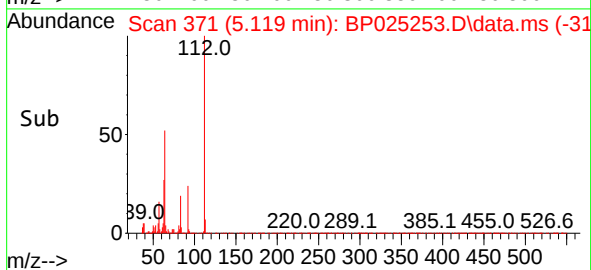
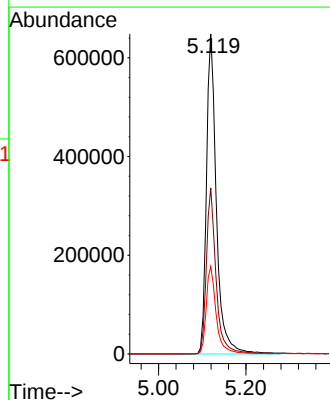
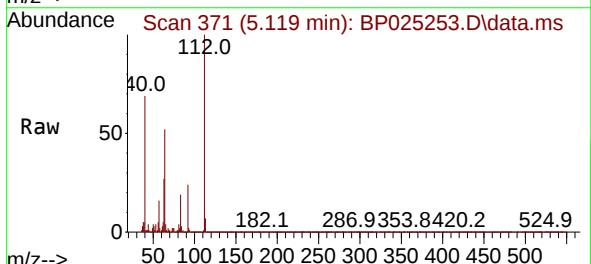
Instrument :
 BNA_P
 ClientSampleId :
 TP-4

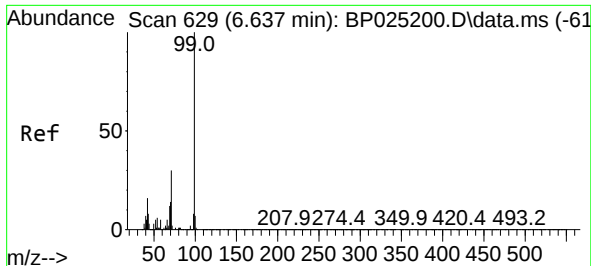
Tgt Ion:152 Resp: 241387
 Ion Ratio Lower Upper
 152 100
 150 152.8 121.9 182.9
 115 55.0 43.0 64.6



#5
 2-Fluorophenol
 Concen: 71.980 ng
 RT: 5.119 min Scan# 371
 Delta R.T. 0.023 min
 Lab File: BP025253.D
 Acq: 28 Jul 2025 18:20

Tgt Ion:112 Resp: 1028322
 Ion Ratio Lower Upper
 112 100
 64 51.9 39.8 59.6
 63 27.4 20.5 30.7

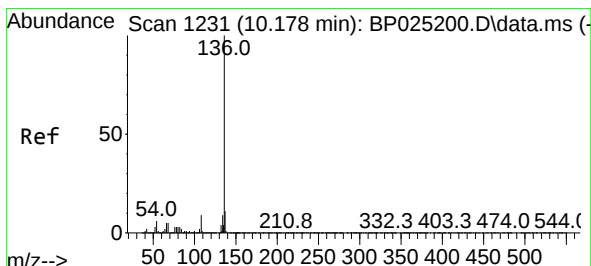
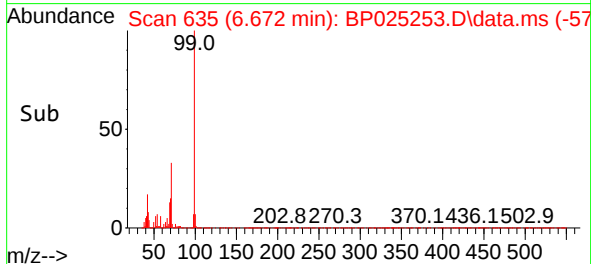
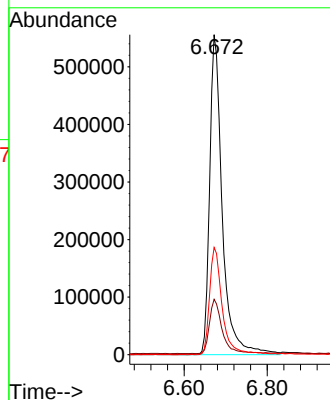
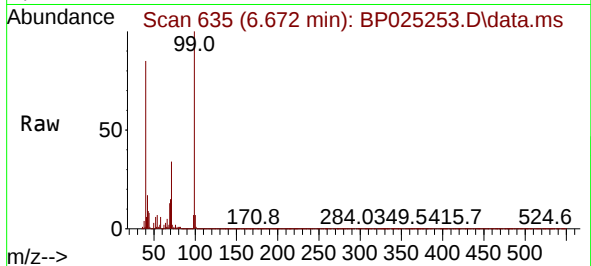




#7
Phenol-d6
Concen: 66.246 ng
RT: 6.672 min Scan# 61
Delta R.T. 0.035 min
Lab File: BP025253.D
Acq: 28 Jul 2025 18:20

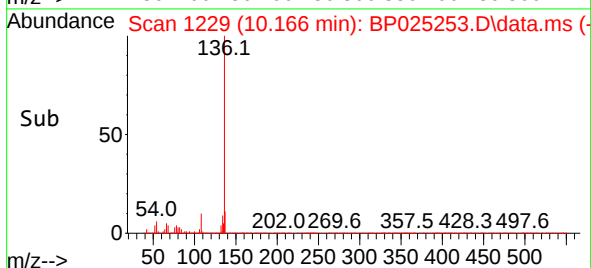
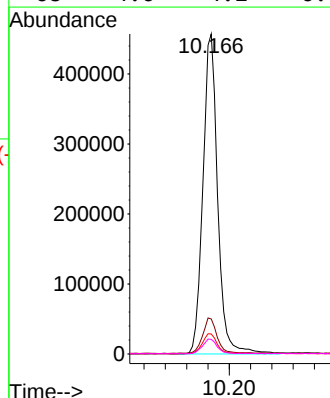
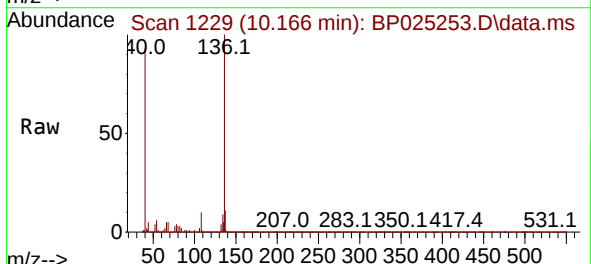
Instrument :
BNA_P
ClientSampleId :
TP-4

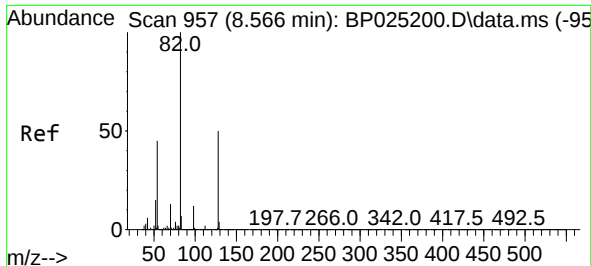
Tgt Ion: 99 Resp: 1172168
Ion Ratio Lower Upper
99 100
42 17.3 12.5 18.7
71 33.5 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.166 min Scan# 1229
Delta R.T. 0.017 min
Lab File: BP025253.D
Acq: 28 Jul 2025 18:20

Tgt Ion: 136 Resp: 875491
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.3 5.1 7.7
68 4.6 4.2 6.4

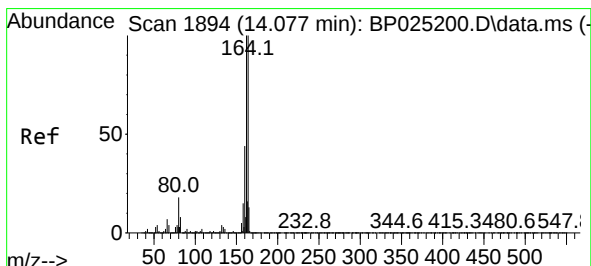
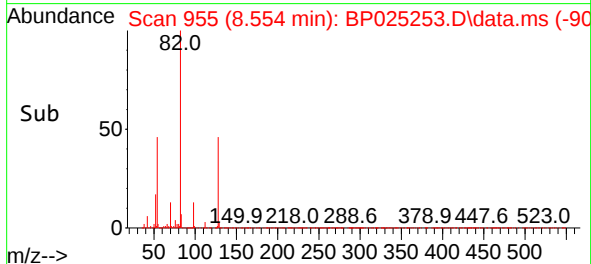
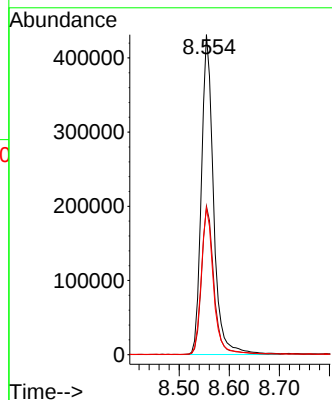
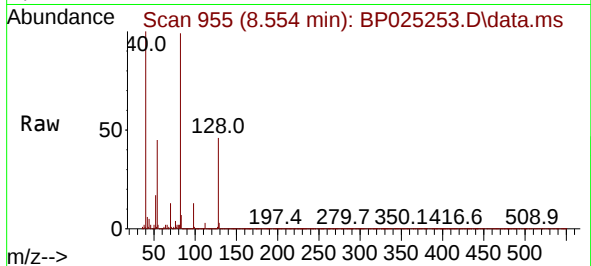




#23
Nitrobenzene-d5
Concen: 46.145 ng
RT: 8.554 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP025253.D
Acq: 28 Jul 2025 18:20

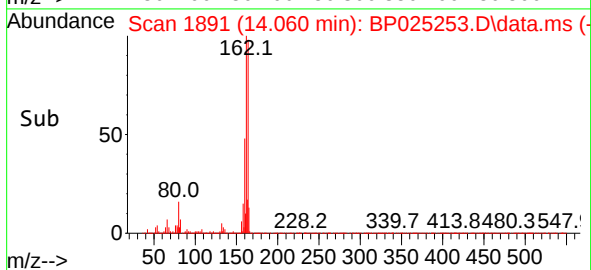
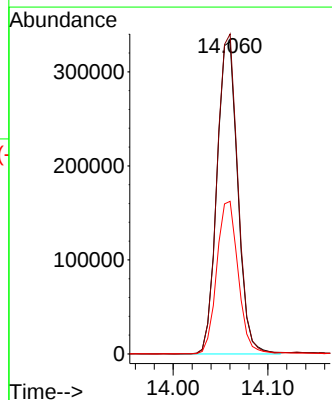
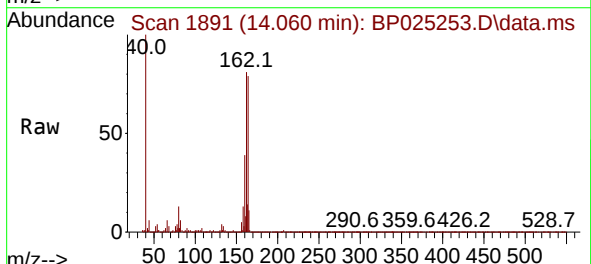
Instrument :
BNA_P
ClientSampleId :
TP-4

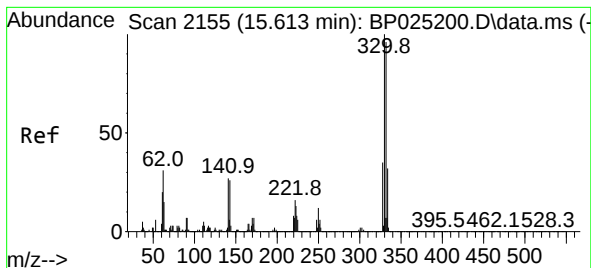
Tgt Ion: 82 Resp: 726963
Ion Ratio Lower Upper
82 100
128 46.5 40.2 60.4
54 45.8 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.060 min Scan# 1891
Delta R.T. 0.017 min
Lab File: BP025253.D
Acq: 28 Jul 2025 18:20

Tgt Ion: 164 Resp: 510122
Ion Ratio Lower Upper
164 100
162 102.4 80.3 120.5
160 48.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 64.330 ng

RT: 15.583 min Scan# 2155

Delta R.T. 0.012 min

Lab File: BP025253.D

Acq: 28 Jul 2025 18:20

Instrument :

BNA_P

ClientSampleId :

TP-4

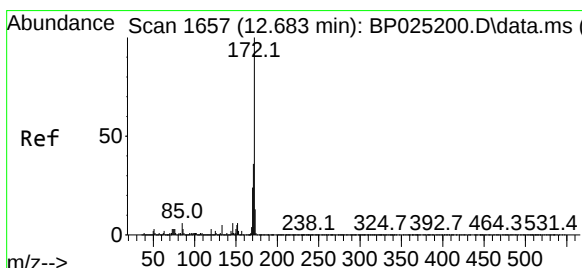
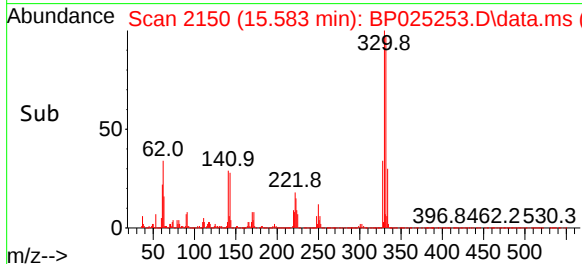
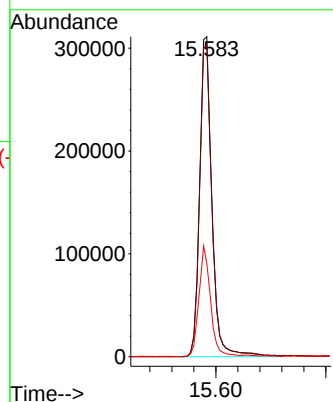
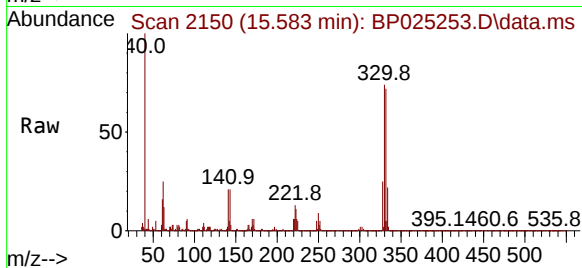
Tgt Ion:330 Resp: 483786

Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

141 32.5 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 39.597 ng

RT: 12.660 min Scan# 1653

Delta R.T. 0.006 min

Lab File: BP025253.D

Acq: 28 Jul 2025 18:20

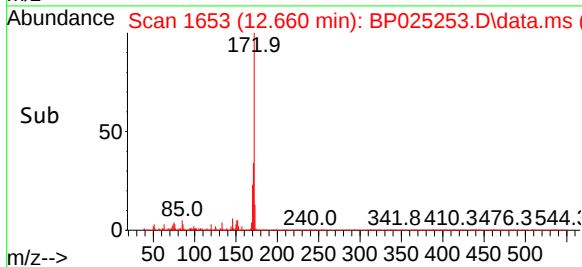
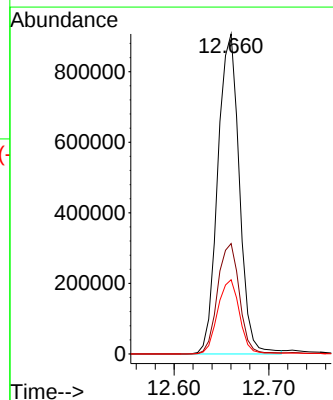
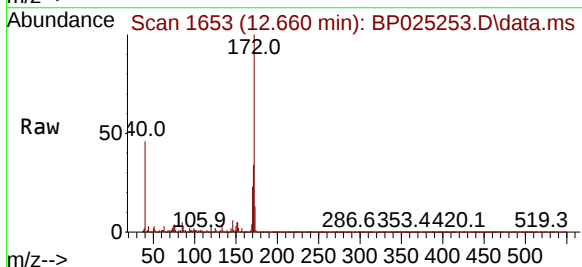
Tgt Ion:172 Resp: 1432778

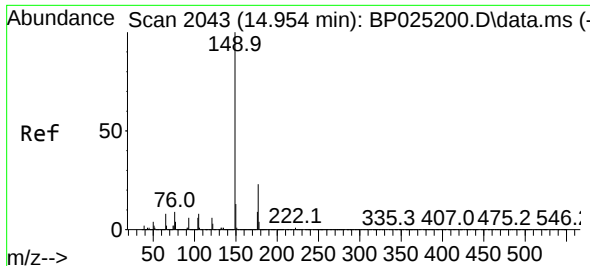
Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 23.2 19.2 28.8

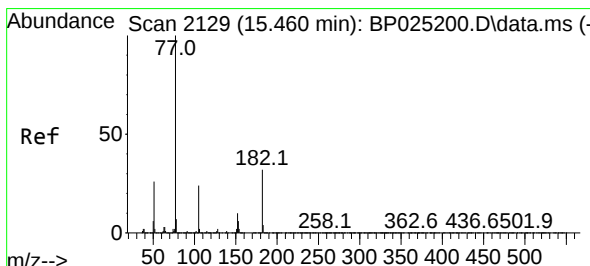
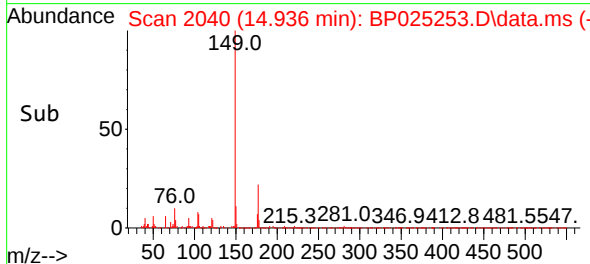
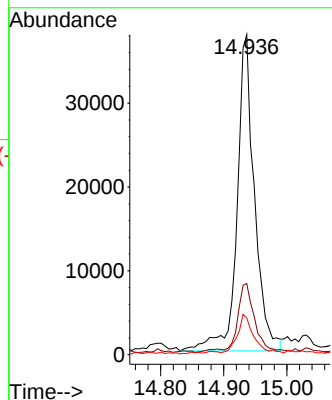
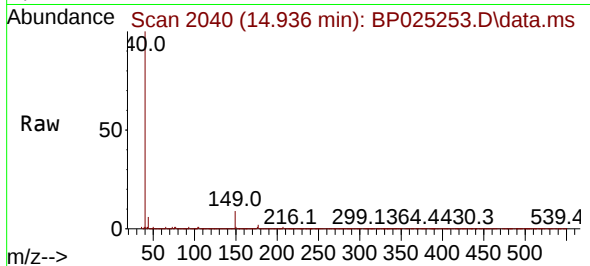




#60
Diethylphthalate
Concen: 2.020 ng
RT: 14.936 min Scan# 2040
Delta R.T. 0.023 min
Lab File: BP025253.D
Acq: 28 Jul 2025 18:20

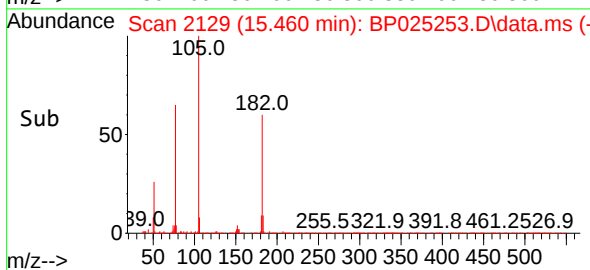
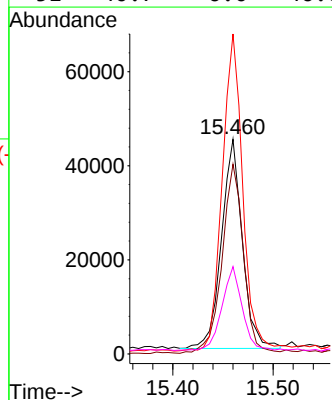
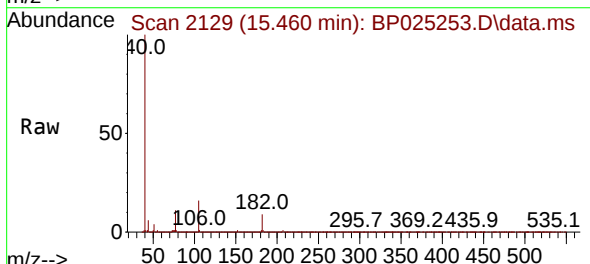
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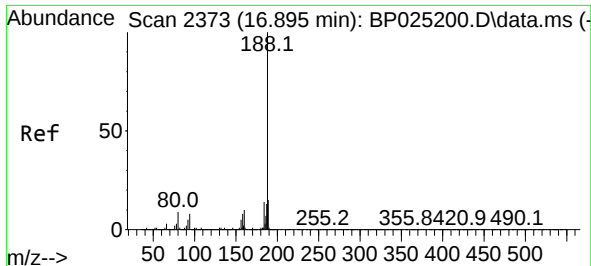
Tgt Ion:	149	Resp:	72625
Ion Ratio	Lower	Upper	
149	100		
177	22.2	18.4	27.6
150	11.5	10.0	15.0



#63
Azobenzene
Concen: 2.199 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.041 min
Lab File: BP025253.D
Acq: 28 Jul 2025 18:20

Tgt Ion:	77	Resp:	64448
Ion Ratio	Lower	Upper	
77	100		
182	88.4	12.0	52.0#
105	149.0	3.6	43.6#
51	40.7	6.0	46.0

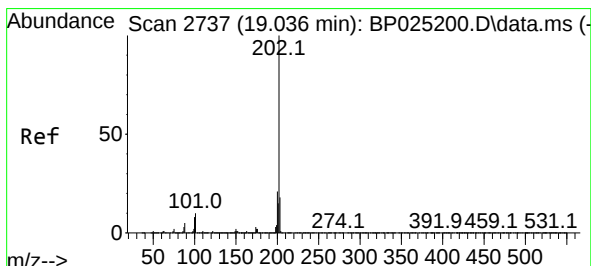
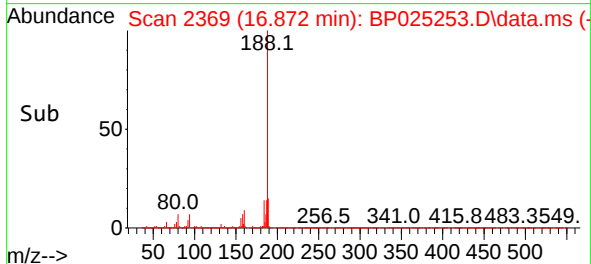
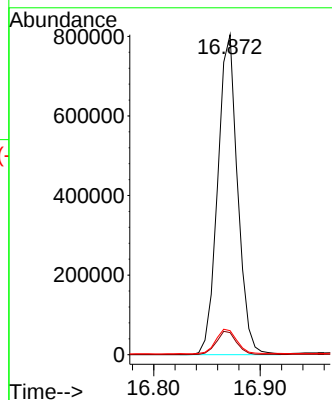
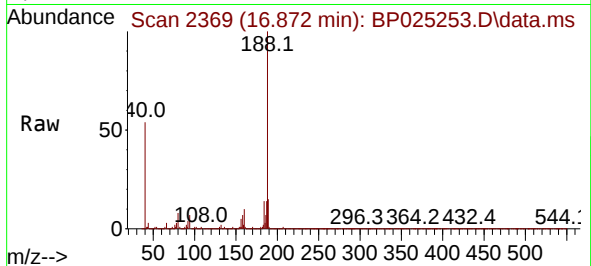




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.872 min Scan# 21
Delta R.T. 0.029 min
Lab File: BP025253.D
Acq: 28 Jul 2025 18:20

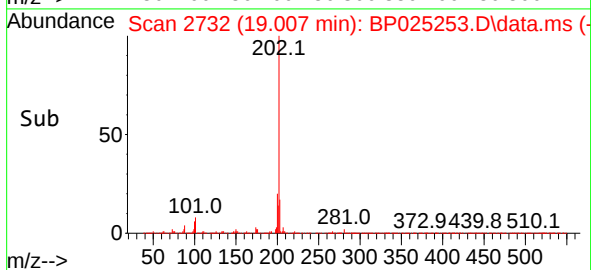
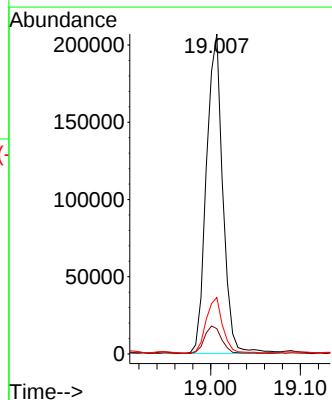
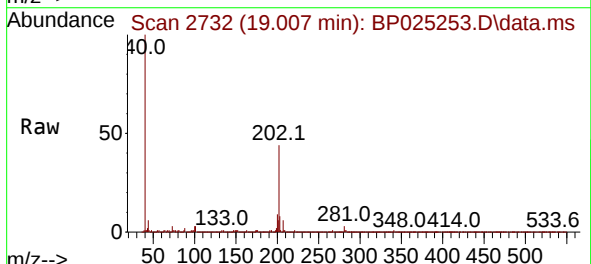
Instrument :
BNA_P
ClientSampleId :
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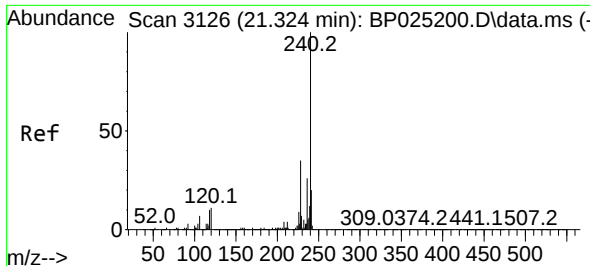
Tgt Ion:188 Resp: 1041489
Ion Ratio Lower Upper
188 100
94 6.9 6.8 10.2
80 7.5 7.3 10.9



#75
Fluoranthene
Concen: 3.966 ng
RT: 19.007 min Scan# 2732
Delta R.T. 0.029 min
Lab File: BP025253.D
Acq: 28 Jul 2025 18:20

Tgt Ion:202 Resp: 262210
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.3
203 17.7 0.0 38.0

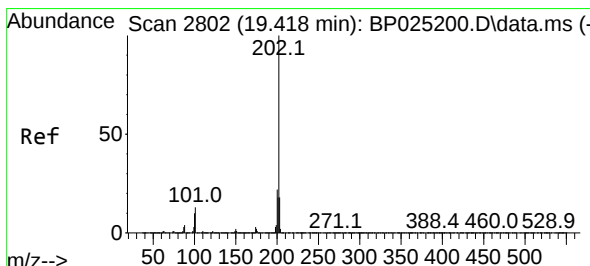
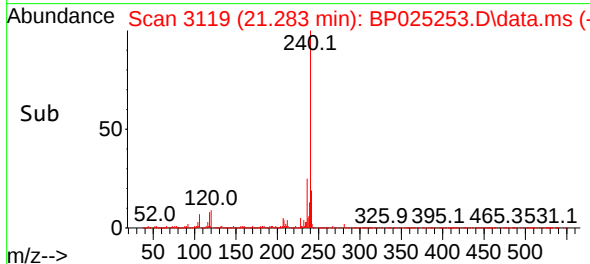
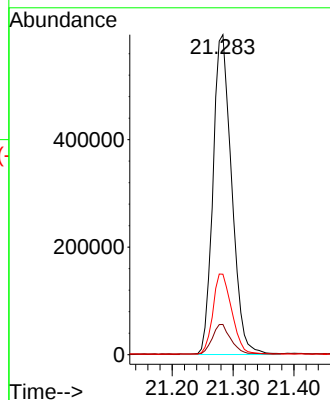
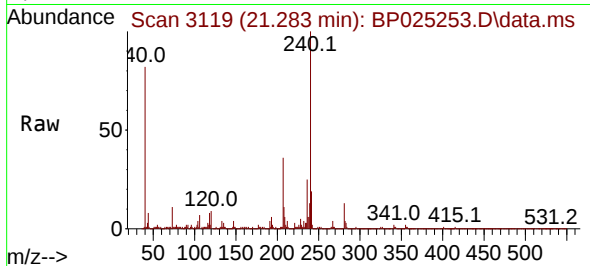




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.283 min Scan# 31
Delta R.T. 0.017 min
Lab File: BP025253.D
Acq: 28 Jul 2025 18:20

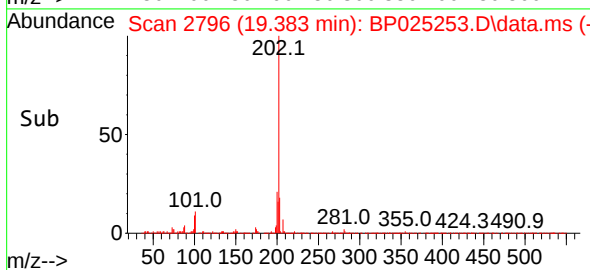
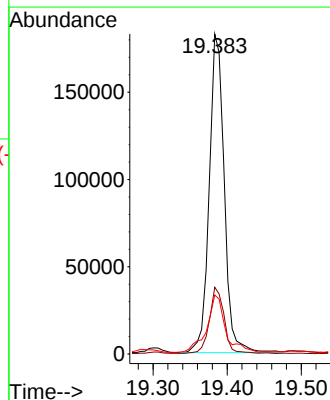
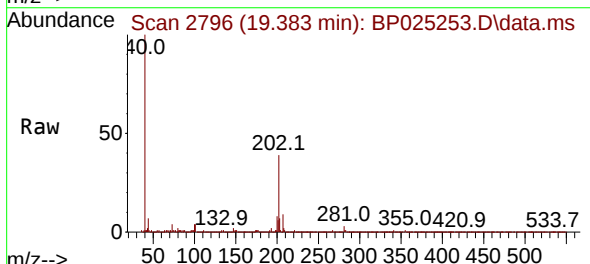
Instrument :
BNA_P
ClientSampleId :
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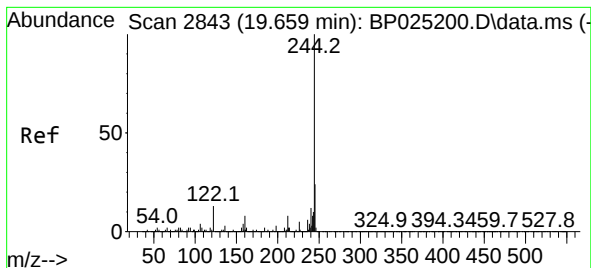
Tgt Ion:240 Resp: 1266919
Ion Ratio Lower Upper
240 100
120 9.5 8.8 13.2
236 25.2 20.9 31.3



#78
Pyrene
Concen: 3.299 ng
RT: 19.383 min Scan# 2796
Delta R.T. 0.023 min
Lab File: BP025253.D
Acq: 28 Jul 2025 18:20

Tgt Ion:202 Resp: 257694
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 18.4 14.3 21.5





#79

Terphenyl-d14

Concen: 40.080 ng

RT: 19.613 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025253.D

Acq: 28 Jul 2025 18:20

Instrument :

BNA_P

ClientSampleId :

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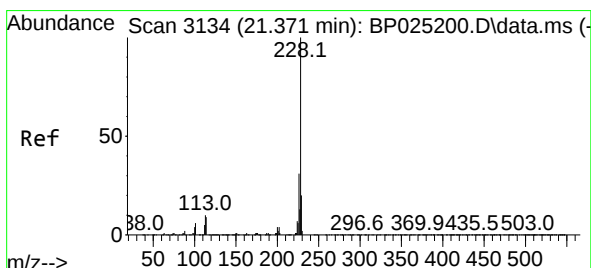
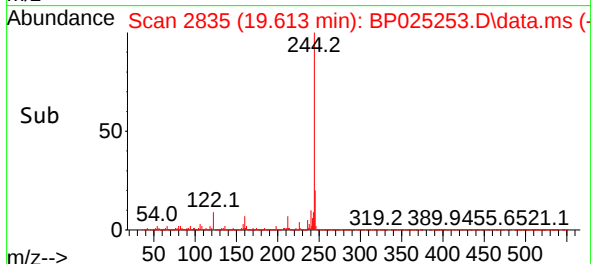
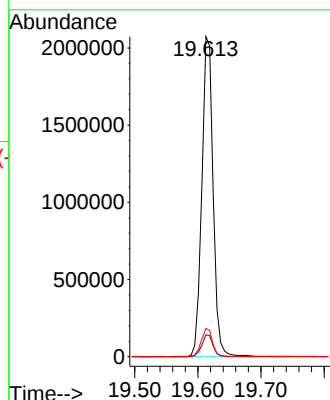
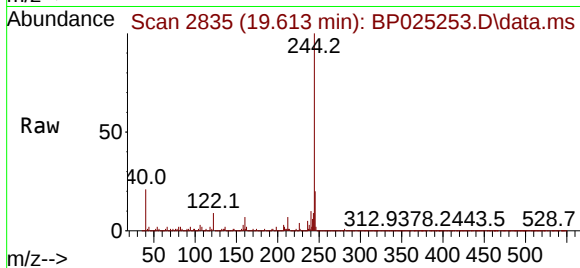
Tgt Ion:244 Resp: 2572308

Ion Ratio Lower Upper

244 100

212 6.8 6.6 9.8

122 8.8 10.3 15.5#



#83

Chrysene

Concen: 2.048 ng

RT: 21.336 min Scan# 3128

Delta R.T. 0.029 min

Lab File: BP025253.D

Acq: 28 Jul 2025 18:20

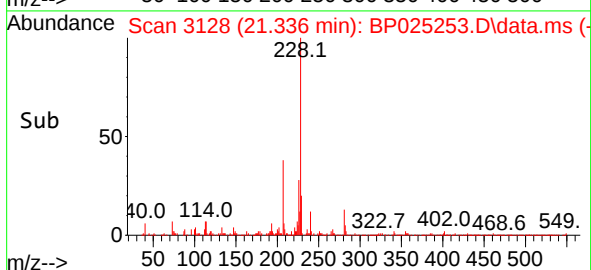
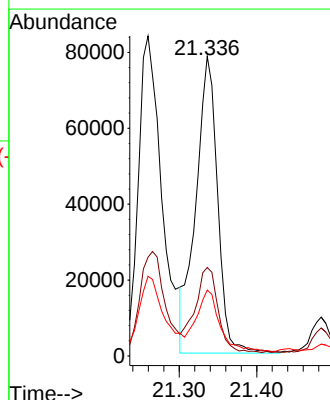
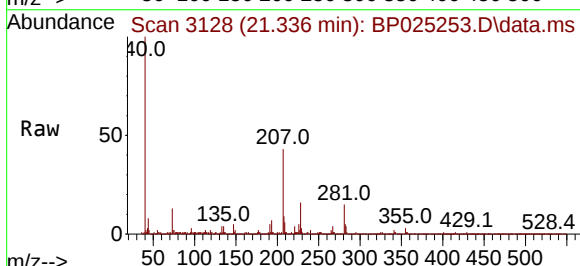
Tgt Ion:228 Resp: 152936

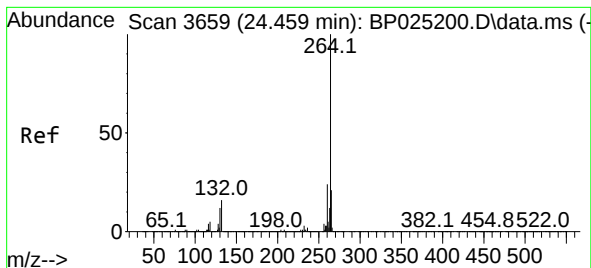
Ion Ratio Lower Upper

228 100

226 29.5 24.6 37.0

229 22.0 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.377 min Scan# 3

Delta R.T. 0.047 min

Lab File: BP025253.D

Acq: 28 Jul 2025 18:20

Instrument :

BNA_P

ClientSampleId :

TP-4

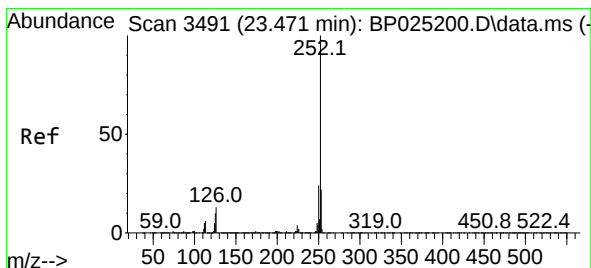
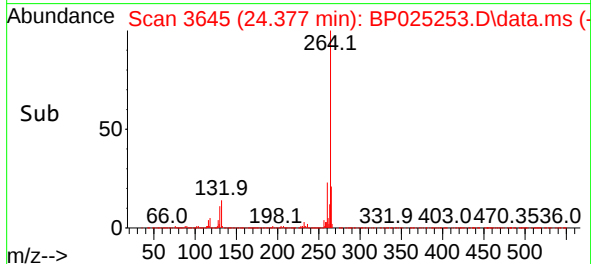
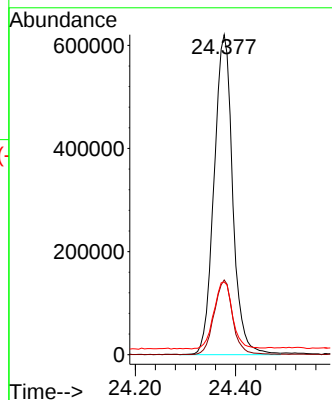
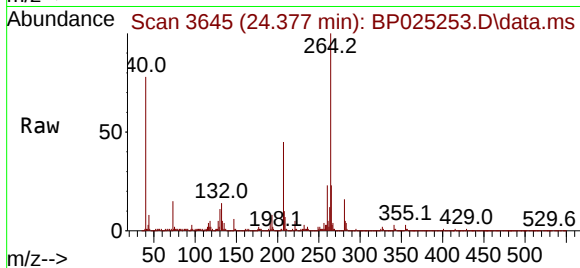
Tgt Ion:264 Resp: 1602011

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.7 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.170 ng

RT: 23.412 min Scan# 3481

Delta R.T. 0.059 min

Lab File: BP025253.D

Acq: 28 Jul 2025 18:20

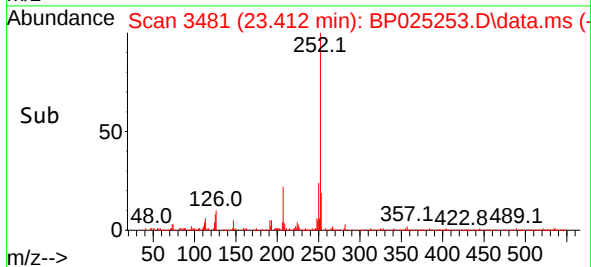
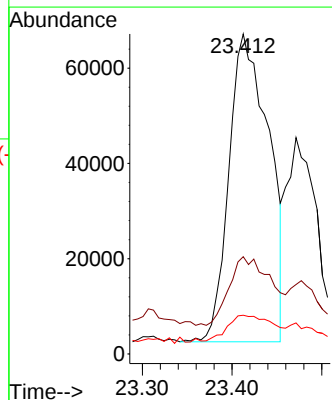
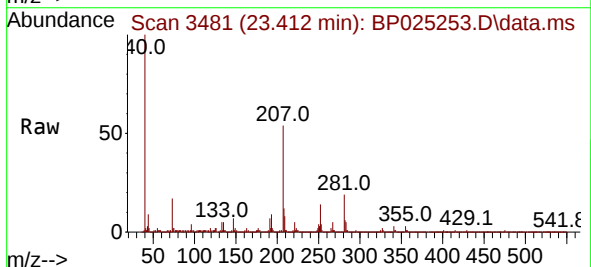
Tgt Ion:252 Resp: 198960

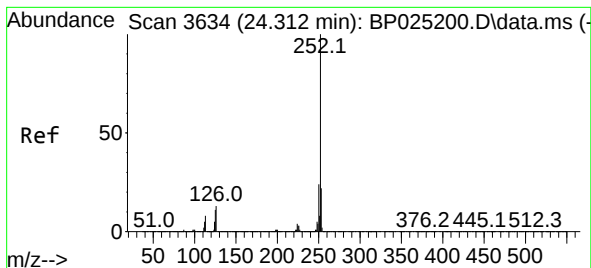
Ion Ratio Lower Upper

252 100

253 30.4 18.0 27.0#

125 12.1 7.8 11.8#





#90

Benzo(a)pyrene

Concen: 2.005 ng

RT: 24.242 min Scan# 30

Delta R.T. 0.070 min

Lab File: BP025253.D

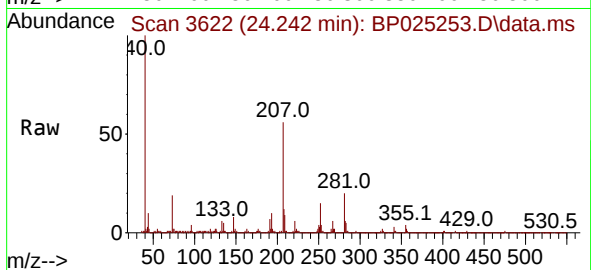
Acq: 28 Jul 2025 18:20

Instrument :

BNA_P

ClientSampleId :

TP-4



Tgt Ion:252 Resp: 179395

Ion Ratio Lower Upper

252 100

253 30.0 17.8 26.6#

125 13.7 8.6 12.8#

