

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025608.D
 Acq On : 27 Aug 2025 18:26
 Operator : CG/JU
 Sample : Q2924-02DL2 200X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025DL2

Quant Time: Aug 28 01:06:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

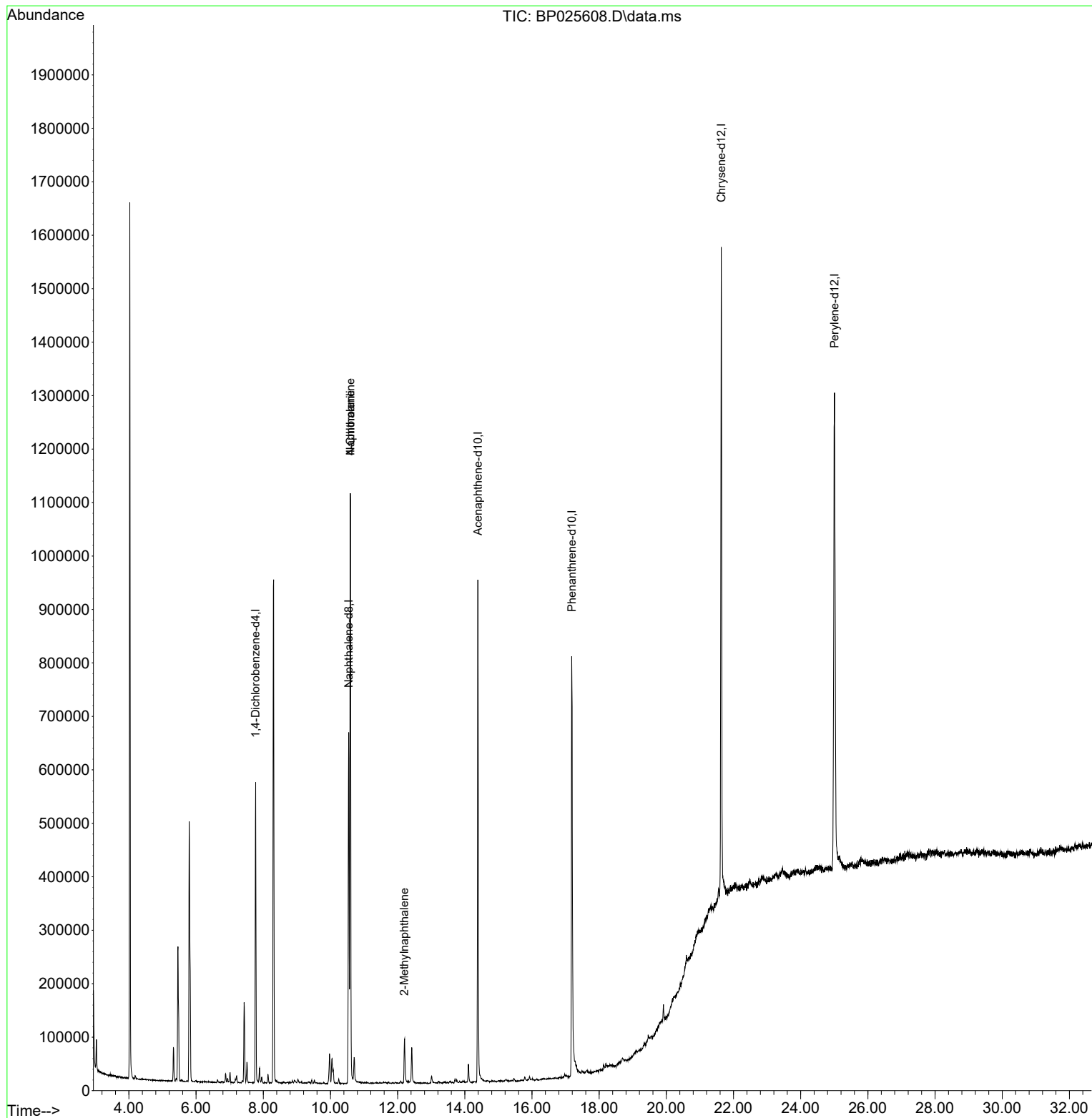
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	150824	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	581758	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	353815	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	659654	20.000	ng	#-0.02
76) Chrysene-d12	21.636	240	856697	20.000	ng	-0.01
86) Perylene-d12	25.006	264	1043583	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	3080	0.339	ng	0.00
7) Phenol-d6	6.984	99	819	0.070	ng	0.02
23) Nitrobenzene-d5	8.925	82	3972	0.345	ng	-0.01
42) 2,4,6-Tribromophenol	15.936	330	2170	0.456	ng	0.02
45) 2-Fluorobiphenyl	13.013	172	9875	0.381	ng	0.00
79) Terphenyl-d14	19.912	244	17171	0.367	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.595	128	977947	32.343	ng	99
33) 4-Chloroaniline	10.595	127	128763	9.641	ng	# 37
37) 2-Methylnaphthalene	12.201	142	52998	2.693	ng	100

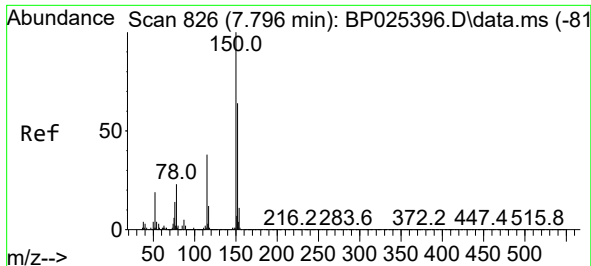
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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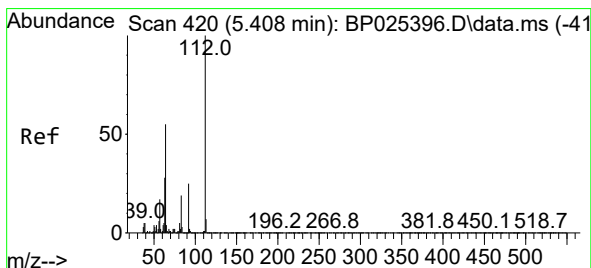
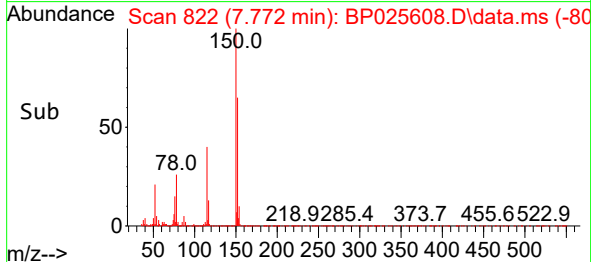
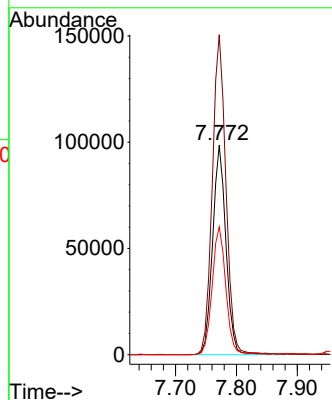
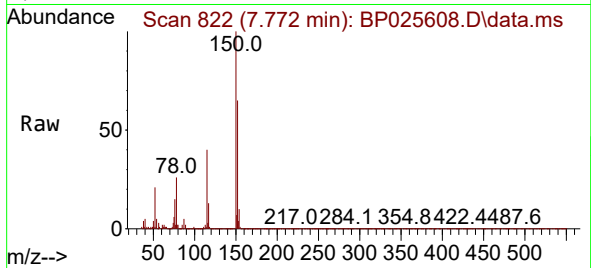




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025608.D
 Acq: 27 Aug 2025 18:26

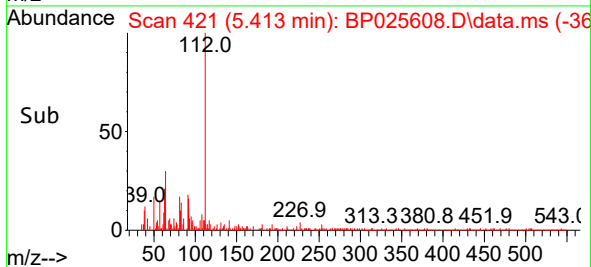
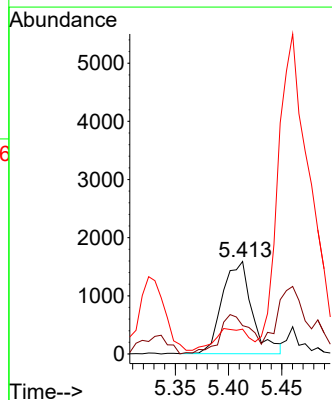
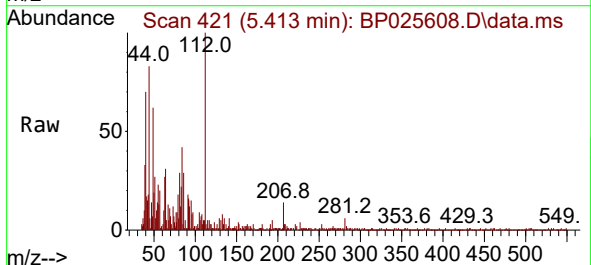
Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025DL2

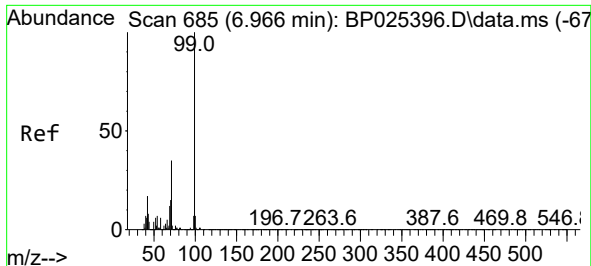
Tgt Ion:152 Resp: 150824
 Ion Ratio Lower Upper
 152 100
 150 152.8 125.9 188.9
 115 61.0 48.5 72.7



#5
 2-Fluorophenol
 Concen: 0.339 ng
 RT: 5.413 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: BP025608.D
 Acq: 27 Aug 2025 18:26

Tgt Ion:112 Resp: 3080
 Ion Ratio Lower Upper
 112 100
 64 30.6 43.8 65.8#
 63 26.9 22.7 34.1

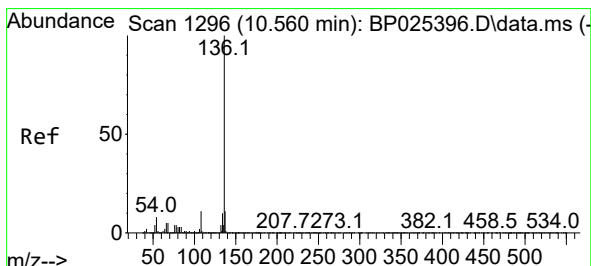
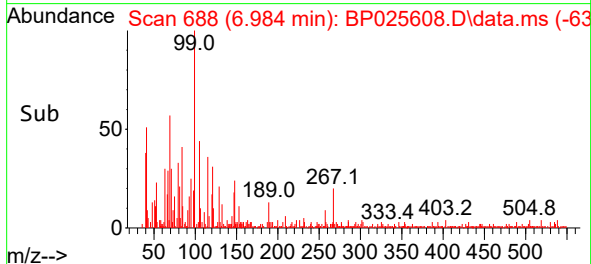
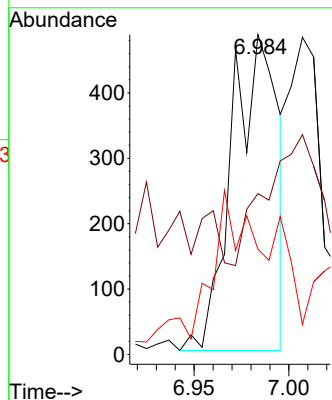
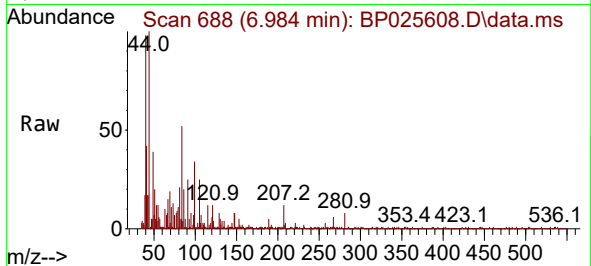




#7
Phenol-d6
Concen: 0.070 ng
RT: 6.984 min Scan# 61
Delta R.T. 0.017 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

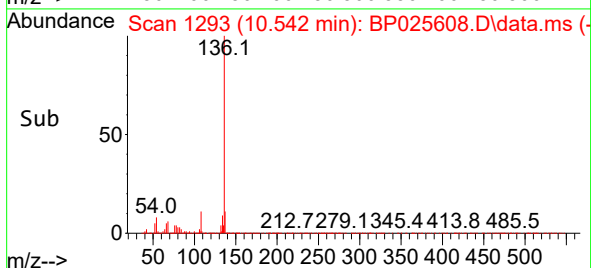
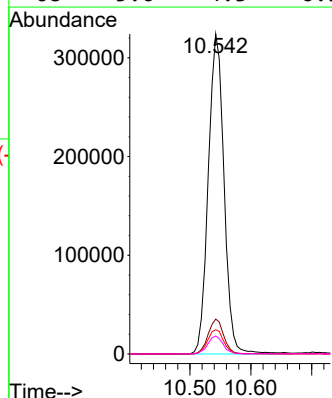
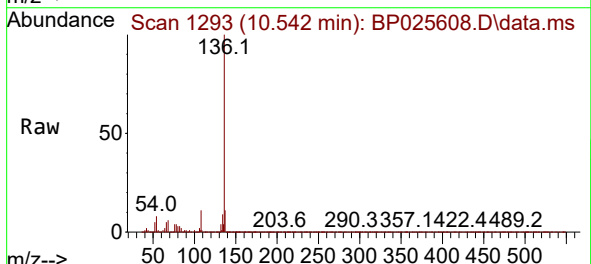
Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

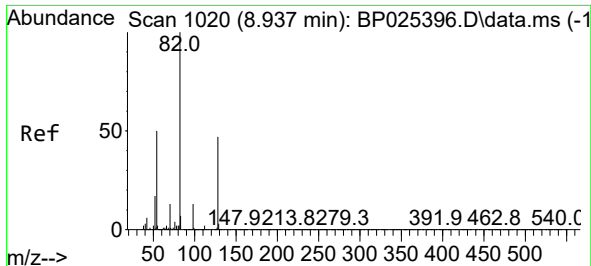
Tgt Ion: 99 Resp: 819
Ion Ratio Lower Upper
99 100
42 50.3 13.7 20.5#
71 32.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Tgt Ion: 136 Resp: 581758
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.5 6.0 9.0
68 5.6 4.3 6.5

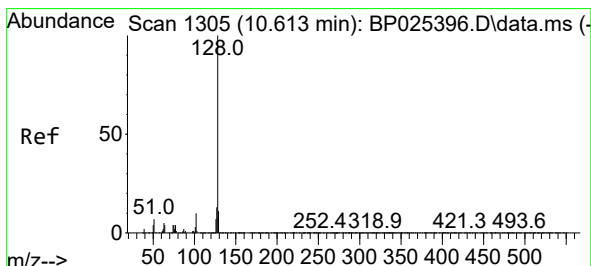
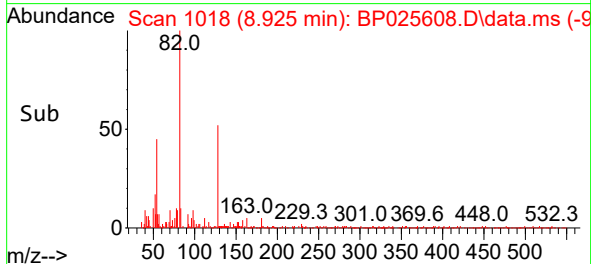
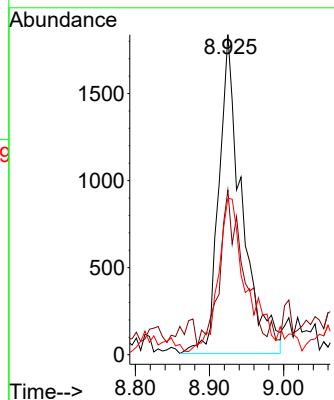
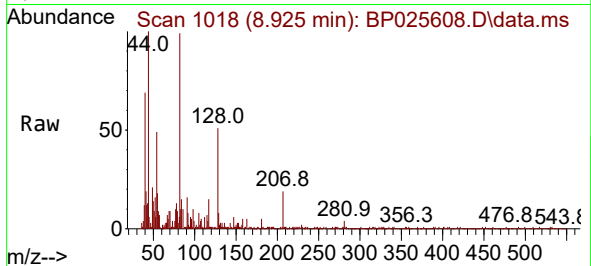




#23
Nitrobenzene-d5
Concen: 0.345 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

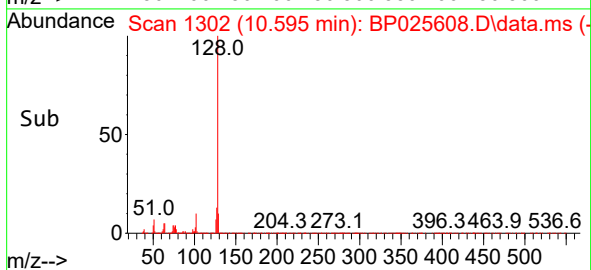
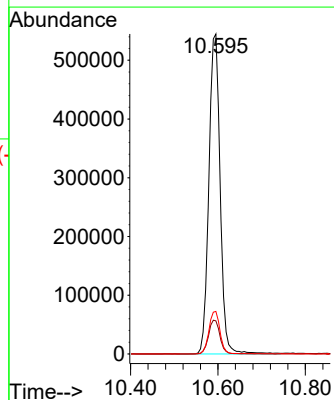
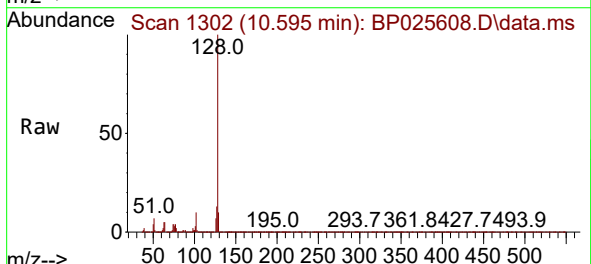
Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL2

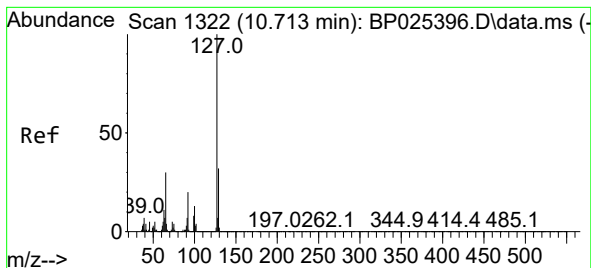
Tgt Ion: 82	Resp: 3972
Ion Ratio	Lower Upper
82 100	
128 51.5	37.7 56.5
54 48.9	39.8 59.6



#31
Naphthalene
Concen: 32.343 ng
RT: 10.595 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP025608.D
Acq: 27 Aug 2025 18:26

Tgt Ion: 128	Resp: 977947
Ion Ratio	Lower Upper
128 100	
129 10.4	8.6 13.0
127 13.3	10.7 16.1





#33

4-Chloroaniline

Concen: 9.641 ng

RT: 10.595 min Scan# 1

Delta R.T. -0.118 min

Lab File: BP025608.D

Acq: 27 Aug 2025 18:26

Instrument :

BNA_P

ClientSampleId :

MW-201-082025DL2

Tgt Ion:127 Resp: 128763

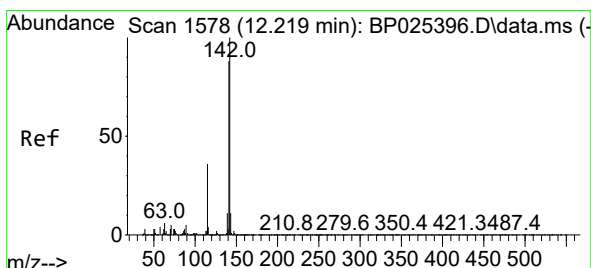
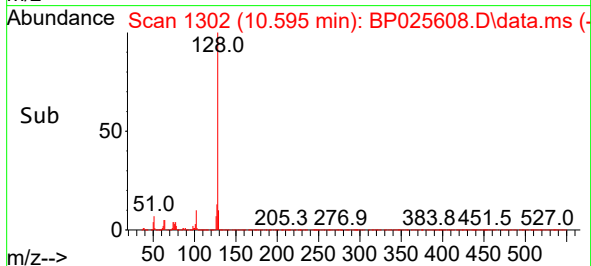
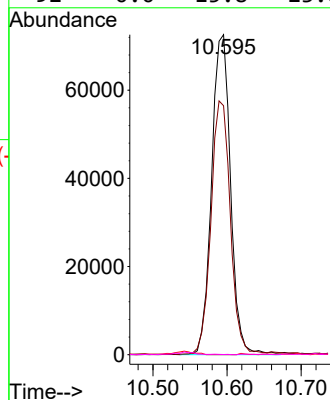
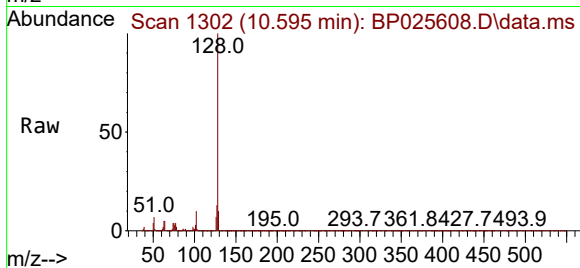
Ion Ratio Lower Upper

127 100

129 77.8 25.4 38.2#

65 0.0 23.8 35.6#

92 0.0 15.8 23.8#



#37

2-Methylnaphthalene

Concen: 2.693 ng

RT: 12.201 min Scan# 1575

Delta R.T. -0.018 min

Lab File: BP025608.D

Acq: 27 Aug 2025 18:26

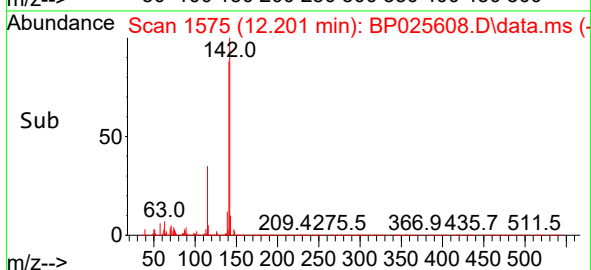
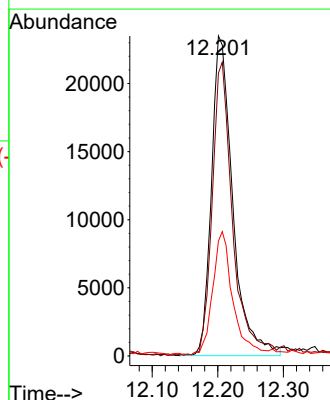
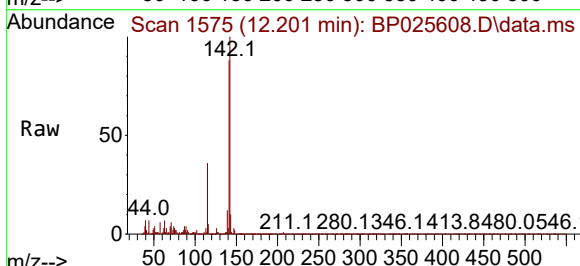
Tgt Ion:142 Resp: 52998

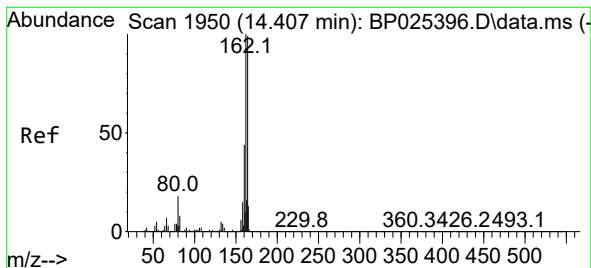
Ion Ratio Lower Upper

142 100

141 88.4 70.3 105.5

115 35.9 28.9 43.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.389 min Scan# 1947

Delta R.T. -0.018 min

Lab File: BP025608.D

Acq: 27 Aug 2025 18:26

Instrument :

BNA_P

ClientSampleId :

MW-201-082025DL2

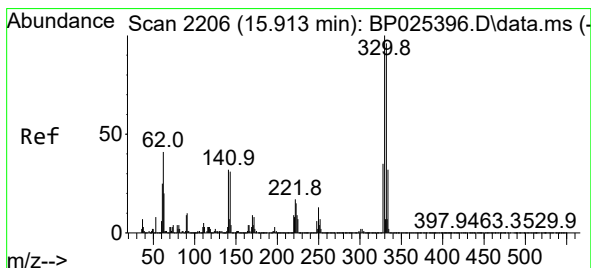
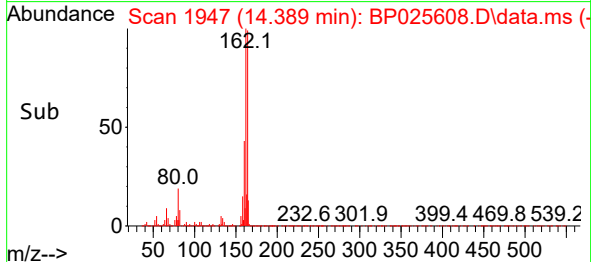
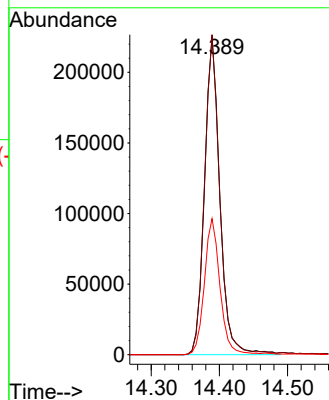
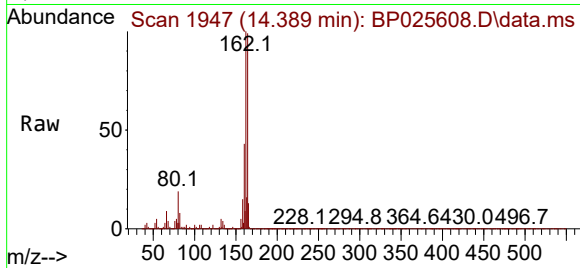
Tgt Ion:164 Resp: 353815

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.6

160 42.8 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 0.456 ng

RT: 15.936 min Scan# 2210

Delta R.T. 0.023 min

Lab File: BP025608.D

Acq: 27 Aug 2025 18:26

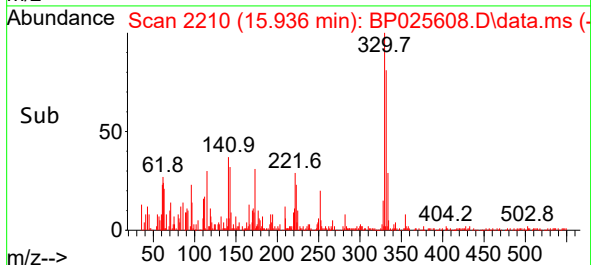
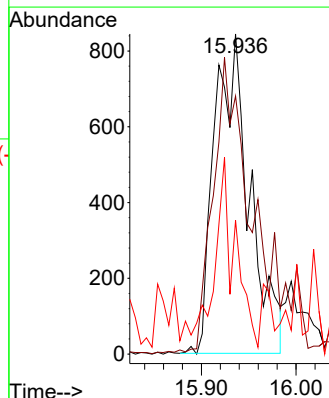
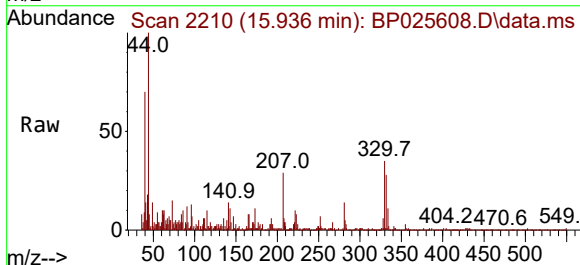
Tgt Ion:330 Resp: 2170

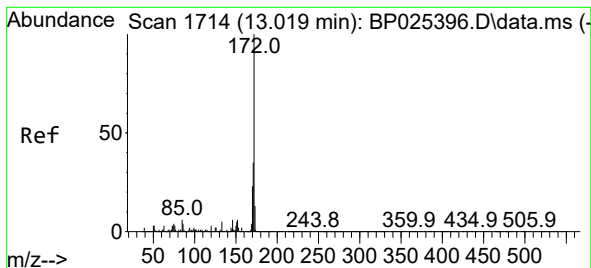
Ion Ratio Lower Upper

330 100

332 91.8 77.3 115.9

141 33.7 26.6 39.8





#45

2-Fluorobiphenyl

Concen: 0.381 ng

RT: 13.013 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025608.D

Acq: 27 Aug 2025 18:26

Instrument :

BNA_P

ClientSampleId :

MW-201-082025DL2

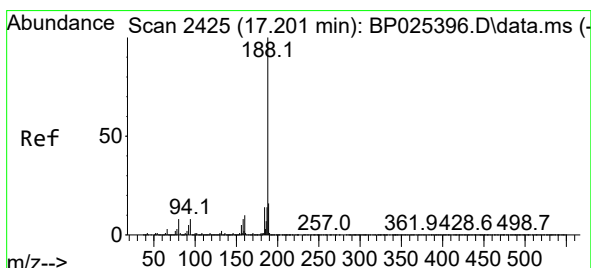
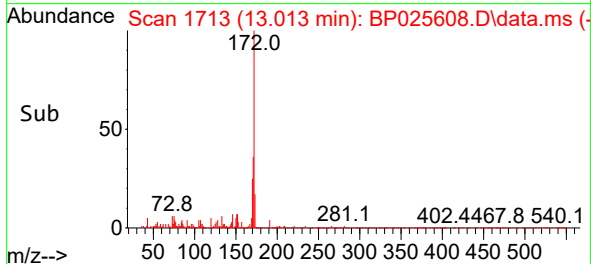
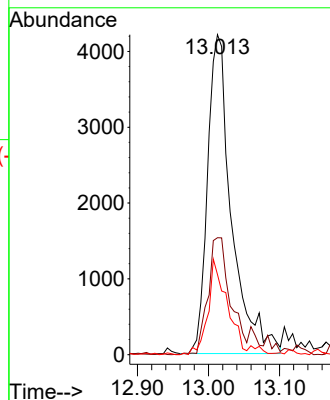
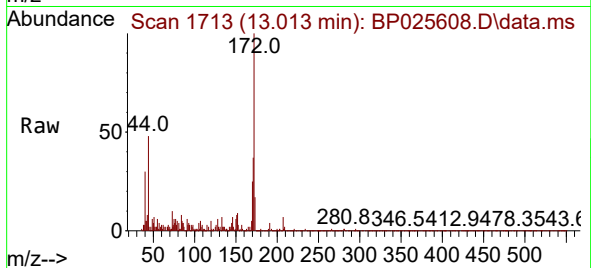
Tgt Ion:172 Resp: 9875

Ion Ratio Lower Upper

172 100

171 36.5 28.1 42.1

170 25.1 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 2422

Delta R.T. -0.018 min

Lab File: BP025608.D

Acq: 27 Aug 2025 18:26

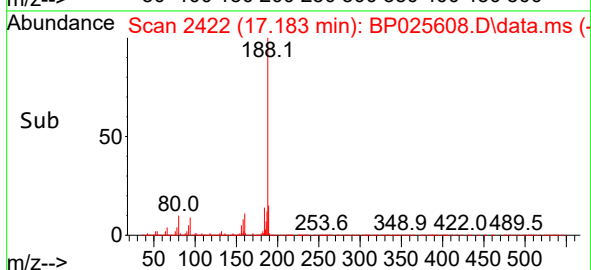
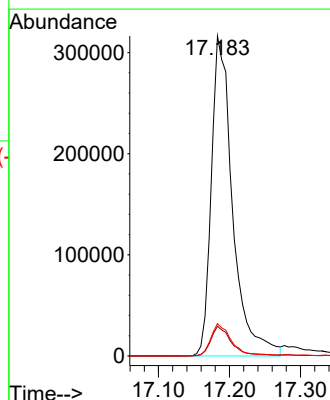
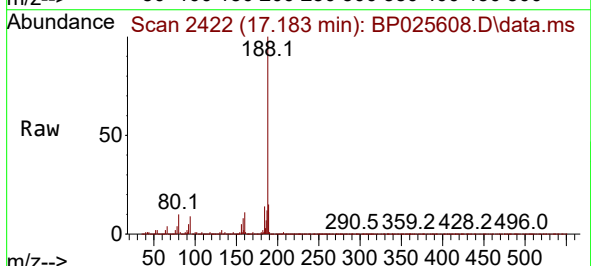
Tgt Ion:188 Resp: 659654

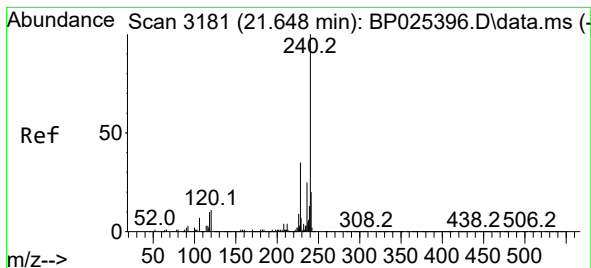
Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

80 10.1 6.7 10.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3181

Delta R.T. -0.012 min

Lab File: BP025608.D

Acq: 27 Aug 2025 18:26

Instrument :

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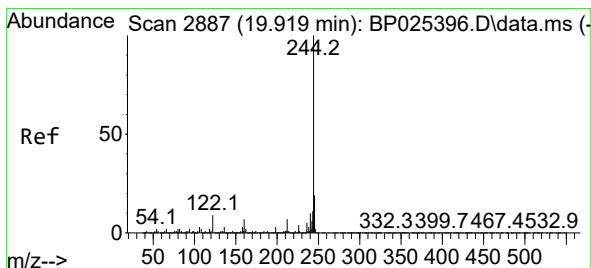
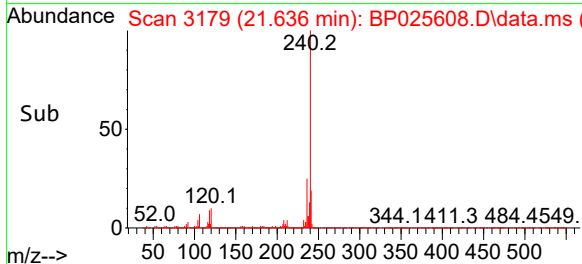
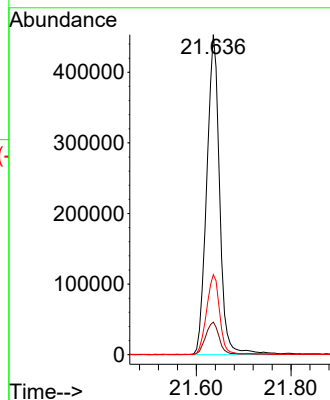
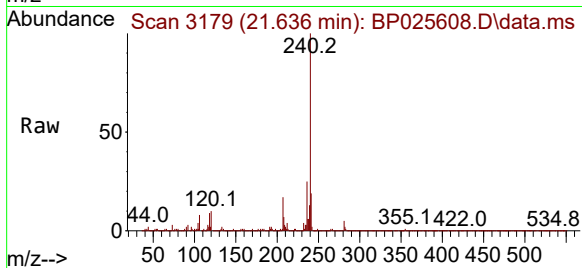
Tgt Ion:240 Resp: 856697

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.0 19.8 29.8



#79

Terphenyl-d14

Concen: 0.367 ng

RT: 19.912 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025608.D

Acq: 27 Aug 2025 18:26

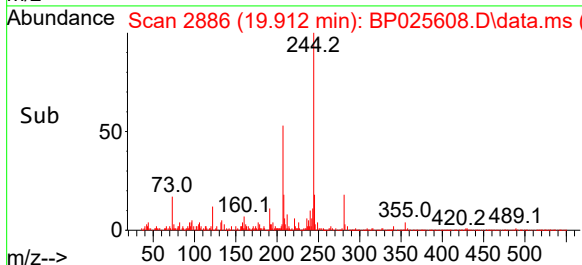
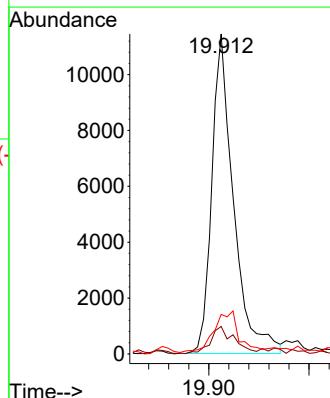
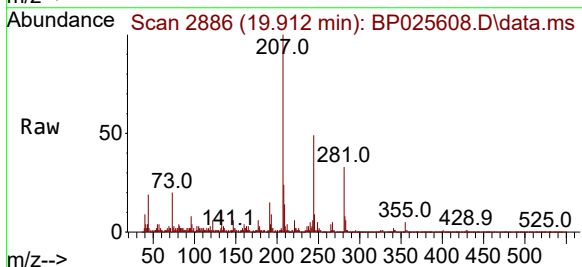
Tgt Ion:244 Resp: 17171

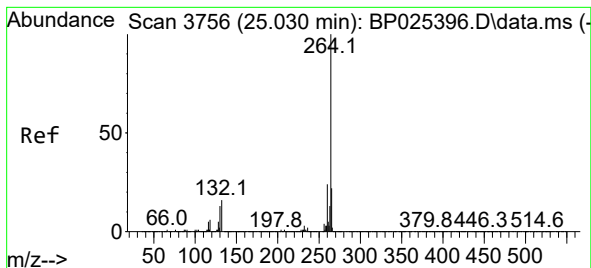
Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

122 12.3 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.006 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025608.D

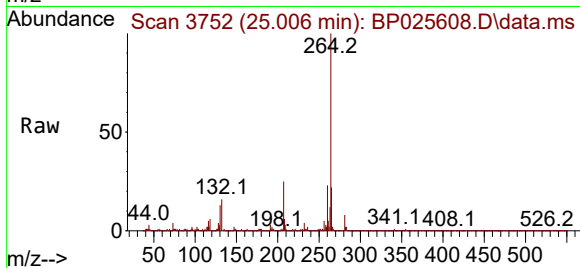
Acq: 27 Aug 2025 18:26

Instrument :

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Tgt Ion:264 Resp: 1043583

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 22.3 17.4 26.0

