

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080125\
 Data File : BP025293.D
 Acq On : 01 Aug 2025 14:23
 Operator : CG/JU
 Sample : Q2126-08
 Misc : LOQ-WATER-2.5 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Aug 01 14:41:22 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 29 15:28:11 2025
 Response via : Initial Calibration

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

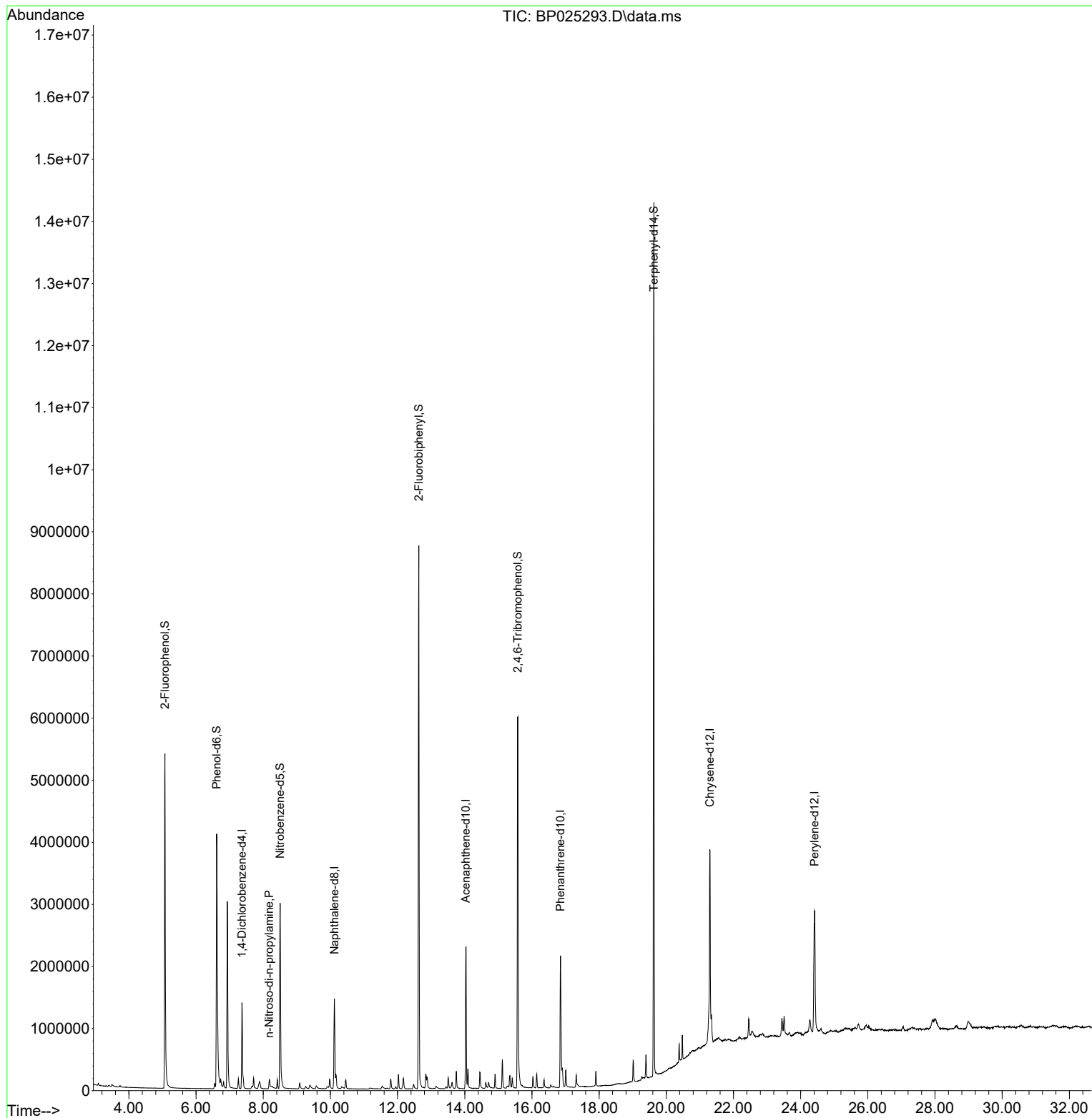
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	392028	20.000	ng	-0.04
21) Naphthalene-d8	10.119	136	1484242	20.000	ng	-0.02
39) Acenaphthene-d10	14.031	164	899340	20.000	ng	-0.02
64) Phenanthrene-d10	16.848	188	1762200	20.000	ng	-0.03
76) Chrysene-d12	21.301	240	1886773	20.000	ng	0.00
86) Perylene-d12	24.413	264	2134488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.072	112	2835589	122.214	ng	-0.04
7) Phenol-d6	6.614	99	3400502	118.334	ng	-0.04
23) Nitrobenzene-d5	8.502	82	1927589	72.173	ng	-0.04
42) 2,4,6-Tribromophenol	15.578	330	1529890	115.391	ng	0.00
45) 2-Fluorobiphenyl	12.631	172	4795421	75.173	ng	-0.02
79) Terphenyl-d14	19.630	244	7078209	74.055	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.172	70	36063m	2.086	ng	Qvalue

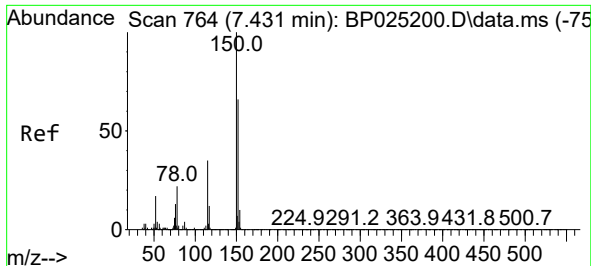
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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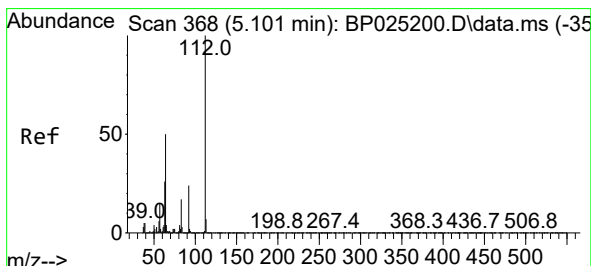
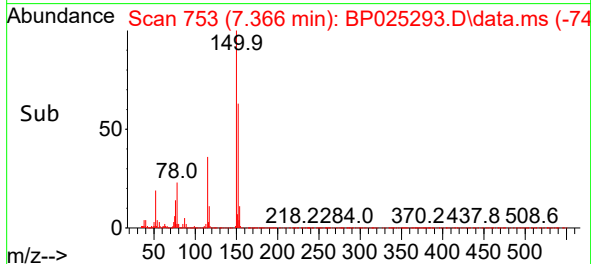
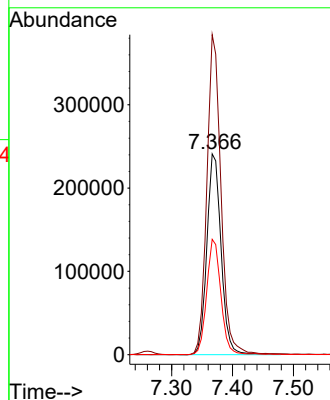
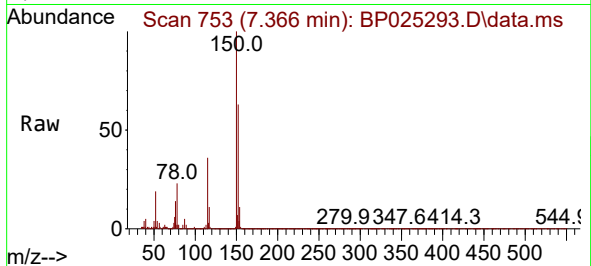




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.366 min Scan# 71
Delta R.T. -0.036 min
Lab File: BP025293.D
Acq: 01 Aug 2025 14:23

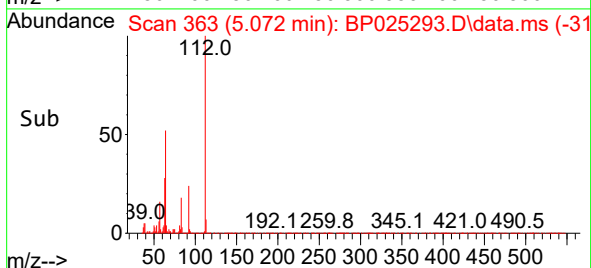
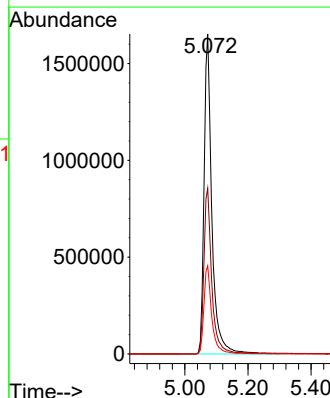
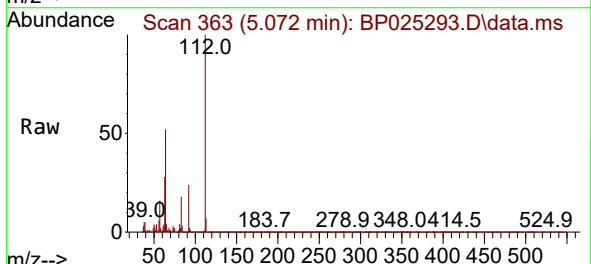
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2025

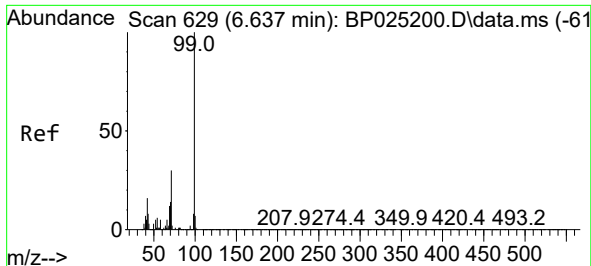
Tgt Ion:152 Resp: 392028
Ion Ratio Lower Upper
152 100
150 159.3 121.9 182.9
115 57.4 43.0 64.6



#5
2-Fluorophenol
Concen: 122.214 ng
RT: 5.072 min Scan# 363
Delta R.T. -0.035 min
Lab File: BP025293.D
Acq: 01 Aug 2025 14:23

Tgt Ion:112 Resp: 2835589
Ion Ratio Lower Upper
112 100
64 51.8 39.8 59.6
63 27.5 20.5 30.7

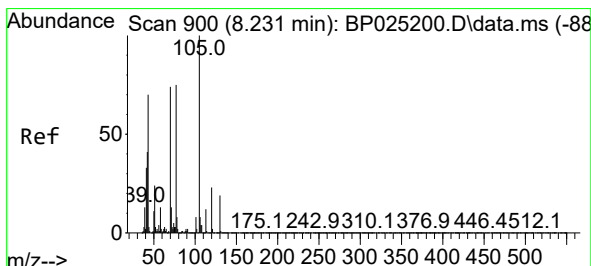
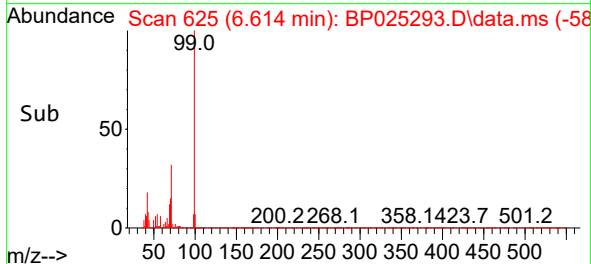
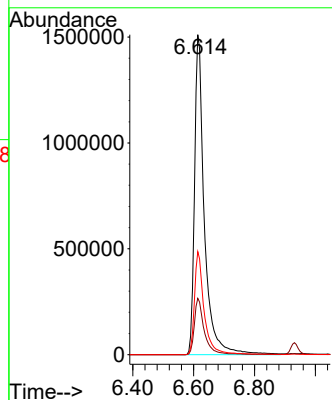
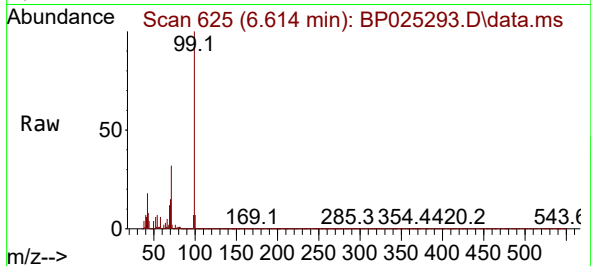




#7
Phenol-d6
Concen: 118.334 ng
RT: 6.614 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP025293.D
Acq: 01 Aug 2025 14:23

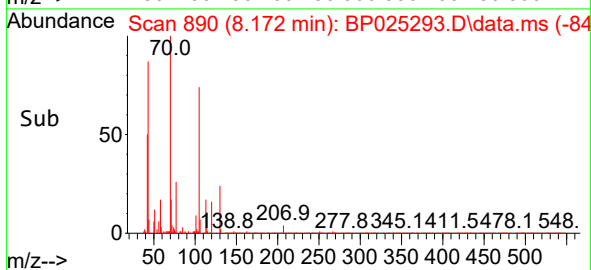
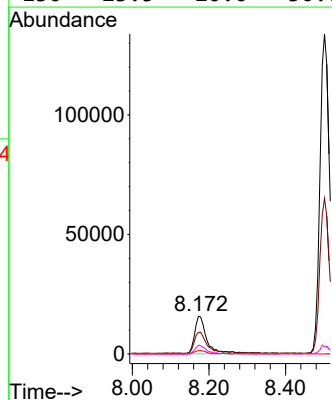
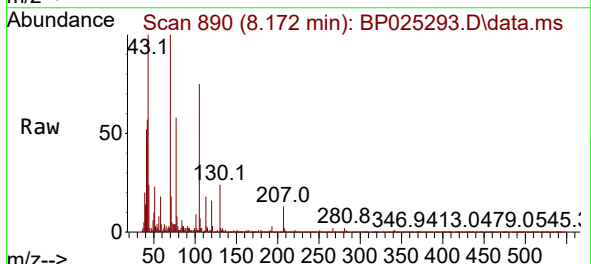
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2025

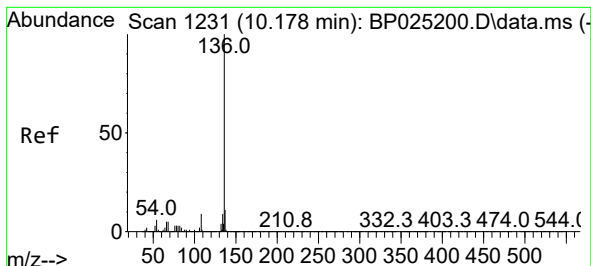
Tgt Ion: 99 Resp: 3400502
Ion Ratio Lower Upper
99 100
42 17.6 12.5 18.7
71 32.2 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.086 ng m
RT: 8.172 min Scan# 890
Delta R.T. -0.041 min
Lab File: BP025293.D
Acq: 01 Aug 2025 14:23

Tgt Ion: 70 Resp: 36063
Ion Ratio Lower Upper
70 100
42 57.4 44.2 66.2
101 9.1 8.6 12.8
130 23.5 20.0 30.0

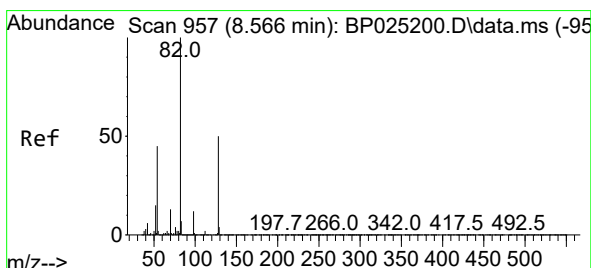
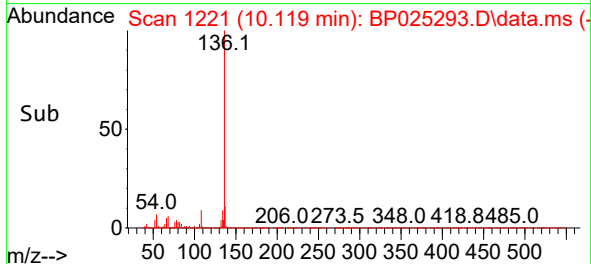
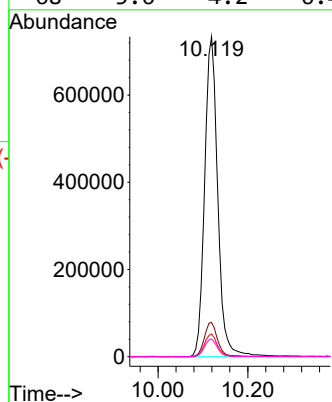
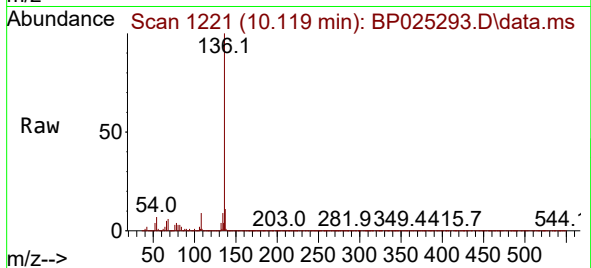




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.119 min Scan# 111
Delta R.T. -0.023 min
Lab File: BP025293.D
Acq: 01 Aug 2025 14:23

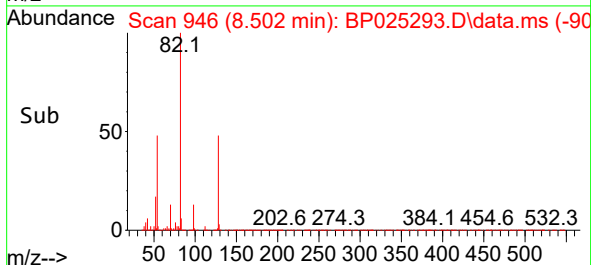
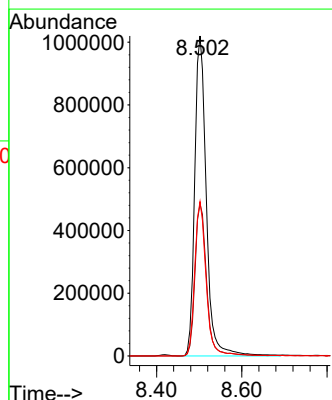
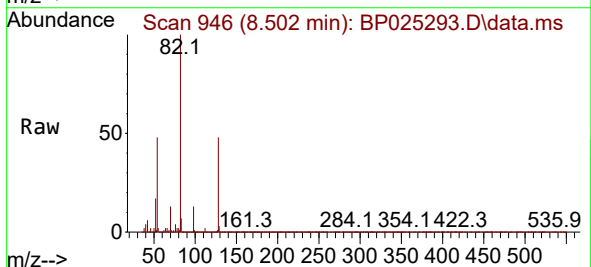
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2025

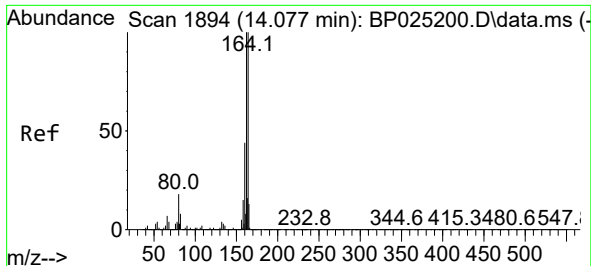
Tgt Ion: 136 Resp: 1484242
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.1 5.1 7.7
68 5.6 4.2 6.4



#23
Nitrobenzene-d5
Concen: 72.173 ng
RT: 8.502 min Scan# 946
Delta R.T. -0.035 min
Lab File: BP025293.D
Acq: 01 Aug 2025 14:23

Tgt Ion: 82 Resp: 1927589
Ion Ratio Lower Upper
82 100
128 47.5 40.2 60.4
54 48.3 36.3 54.5

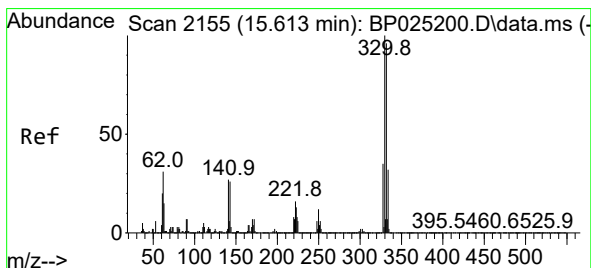
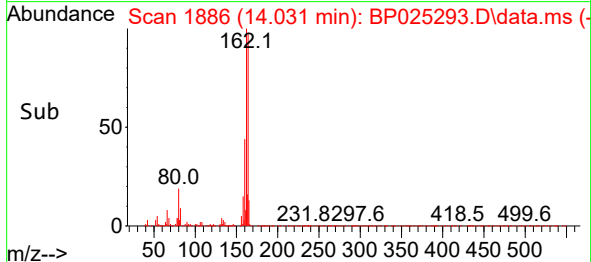
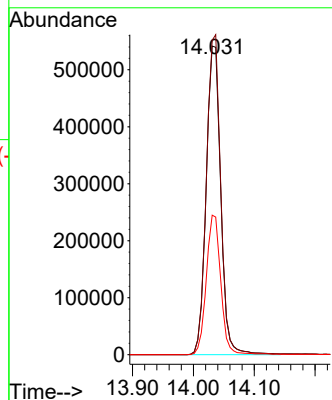
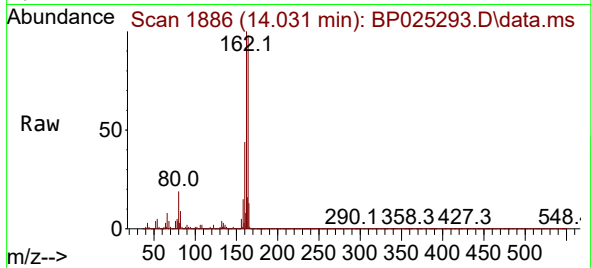




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.031 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025293.D
Acq: 01 Aug 2025 14:23

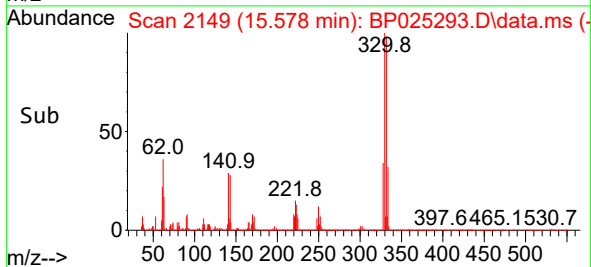
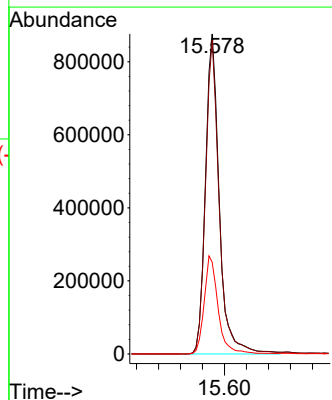
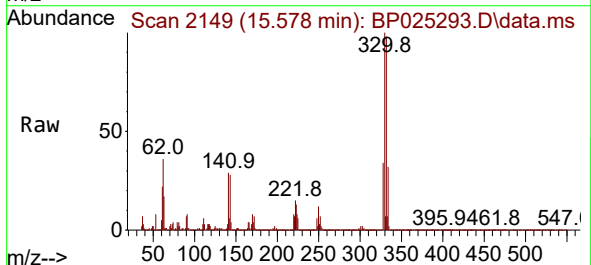
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2025

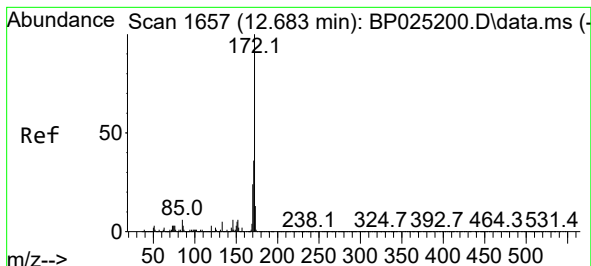
Tgt Ion:164 Resp: 899340
Ion Ratio Lower Upper
164 100
162 101.9 80.3 120.5
160 45.2 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 115.391 ng
RT: 15.578 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP025293.D
Acq: 01 Aug 2025 14:23

Tgt Ion:330 Resp: 1529890
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 30.9 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 75.173 ng

RT: 12.631 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025293.D

Acq: 01 Aug 2025 14:23

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2025

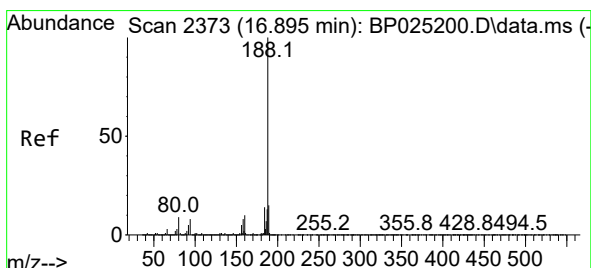
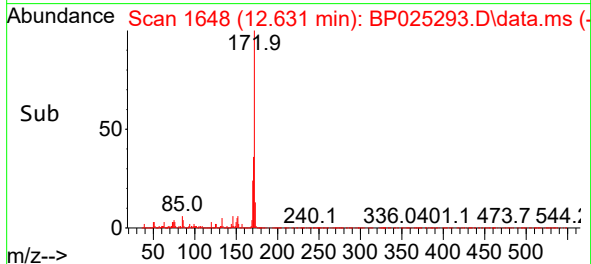
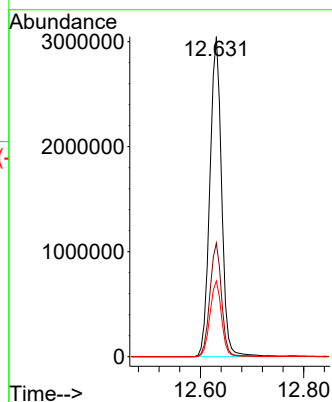
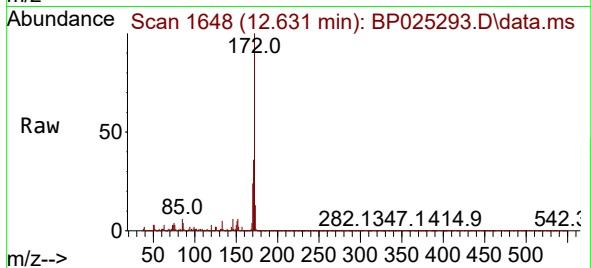
Tgt Ion:172 Resp: 4795421

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.7 19.2 28.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.848 min Scan# 2365

Delta R.T. -0.029 min

Lab File: BP025293.D

Acq: 01 Aug 2025 14:23

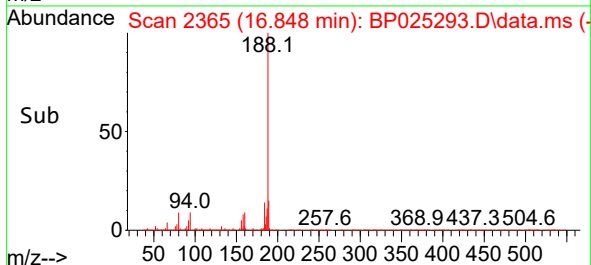
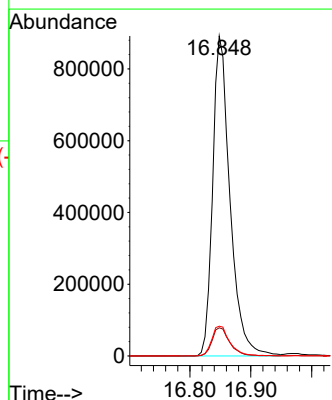
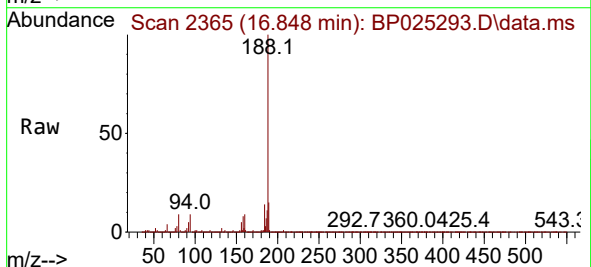
Tgt Ion:188 Resp: 1762200

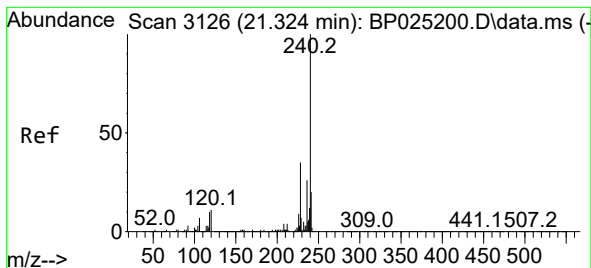
Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

80 9.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.301 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025293.D

Acq: 01 Aug 2025 14:23

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2025

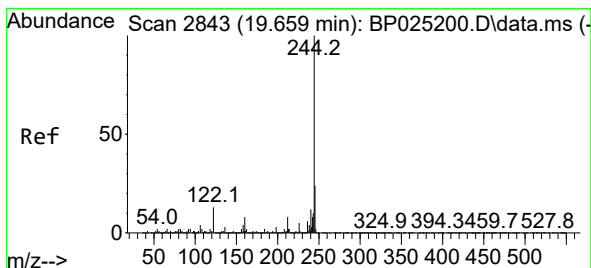
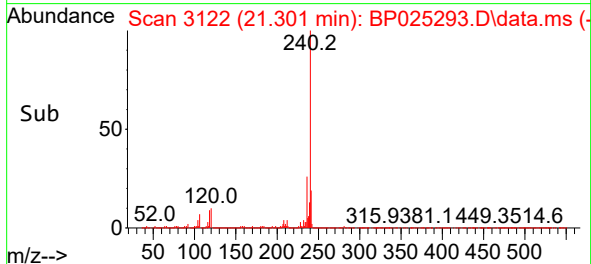
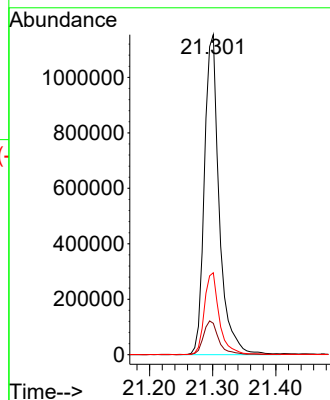
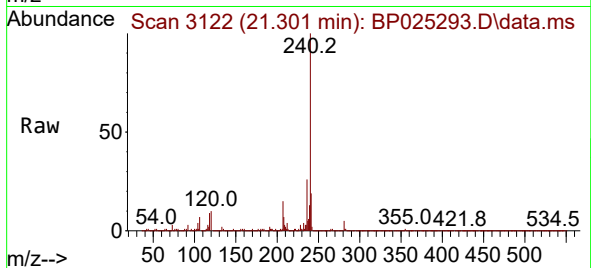
Tgt Ion:240 Resp: 1886773

Ion Ratio Lower Upper

240 100

120 9.8 8.8 13.2

236 25.6 20.9 31.3



#79

Terphenyl-d14

Concen: 74.055 ng

RT: 19.630 min Scan# 2838

Delta R.T. 0.000 min

Lab File: BP025293.D

Acq: 01 Aug 2025 14:23

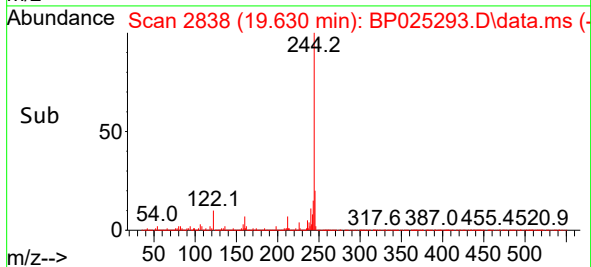
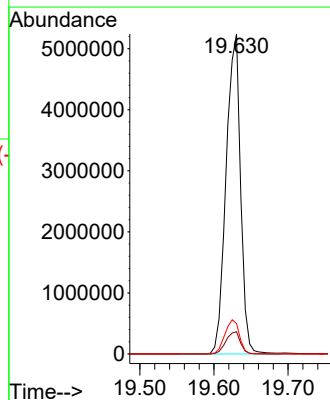
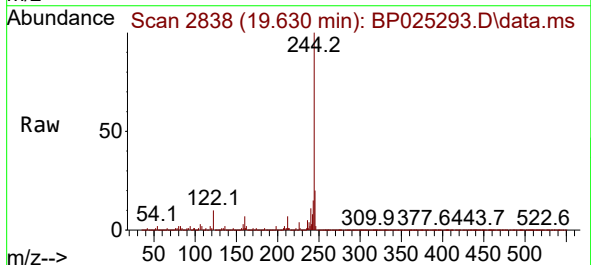
Tgt Ion:244 Resp: 7078209

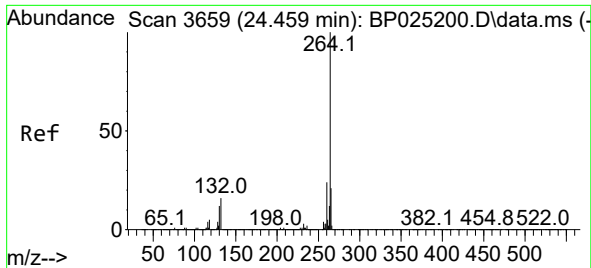
Ion Ratio Lower Upper

244 100

212 7.0 6.6 9.8

122 9.5 10.3 15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.413 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP025293.D
Acq: 01 Aug 2025 14:23

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:264 Resp: 2134488
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 22.1 17.5 26.3

