

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143280.D
 Acq On : 01 Aug 2025 14:08
 Operator : RC/JU
 Sample : Q2126-08
 Misc : LOQ-WATER-2.5 PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 01 14:30:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

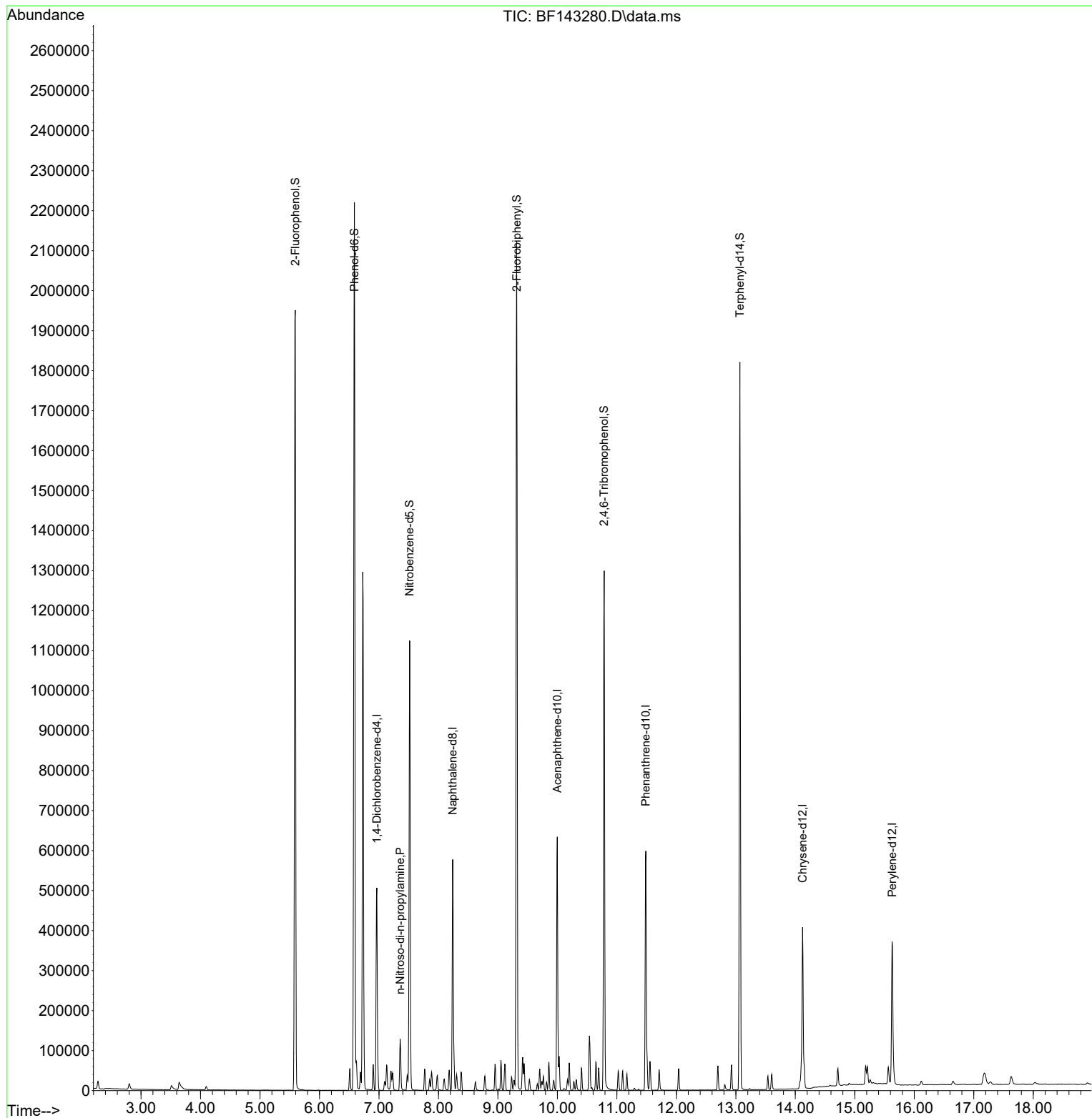
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	104488	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	350428	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	186019	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	310485	20.000	ng	0.00
76) Chrysene-d12	14.121	240	182506	20.000	ng	0.00
86) Perylene-d12	15.627	264	219922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	750644	113.685	ng	0.00
7) Phenol-d6	6.587	99	1075538	129.412	ng	0.00
23) Nitrobenzene-d5	7.516	82	485644	69.081	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	235487	122.542	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	920324	67.663	ng	0.00
79) Terphenyl-d14	13.069	244	848606	69.193	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	10133	1.900	ng	Qvalue 94

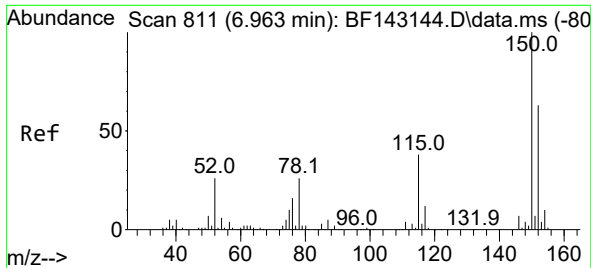
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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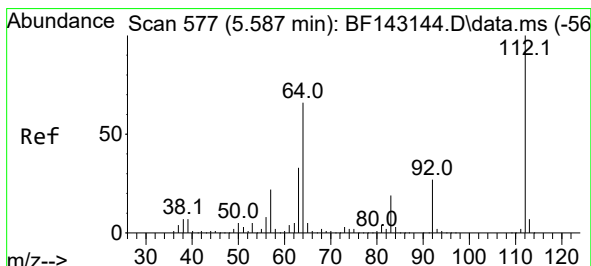
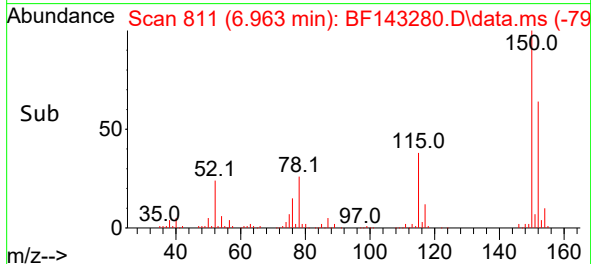
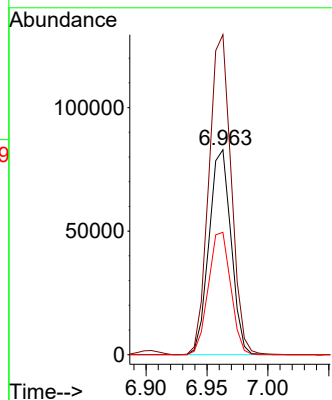
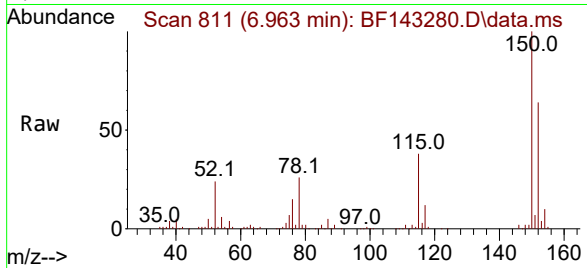




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143280.D
Acq: 01 Aug 2025 14:08

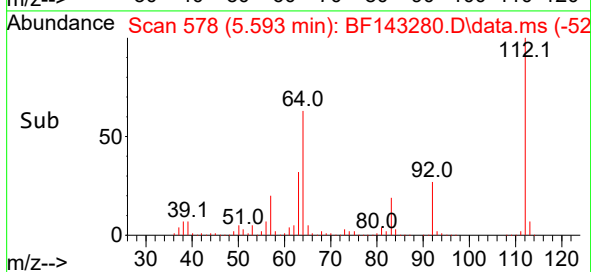
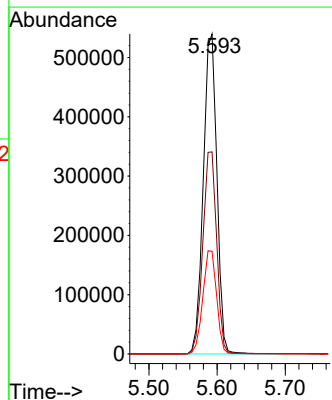
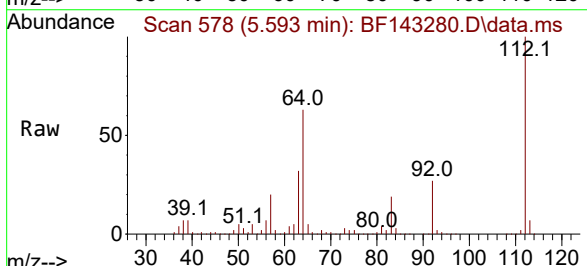
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

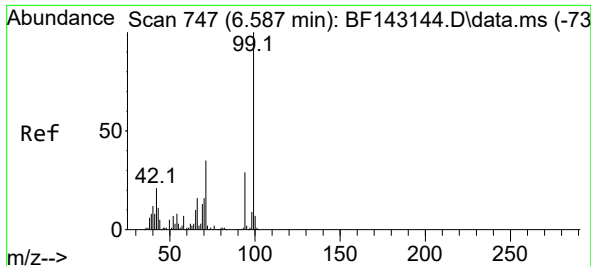
Tgt Ion:152 Resp: 104488
Ion Ratio Lower Upper
152 100
150 156.2 128.2 192.4
115 59.8 47.9 71.9



#5
2-Fluorophenol
Concen: 113.685 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143280.D
Acq: 01 Aug 2025 14:08

Tgt Ion:112 Resp: 750644
Ion Ratio Lower Upper
112 100
64 63.1 53.1 79.7
63 32.1 26.6 40.0

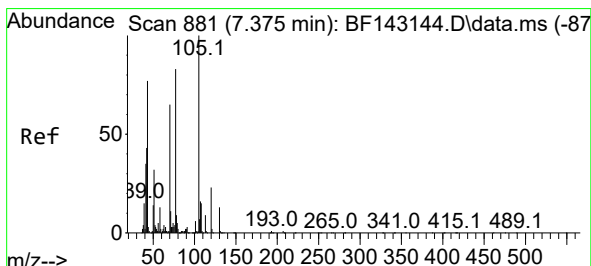
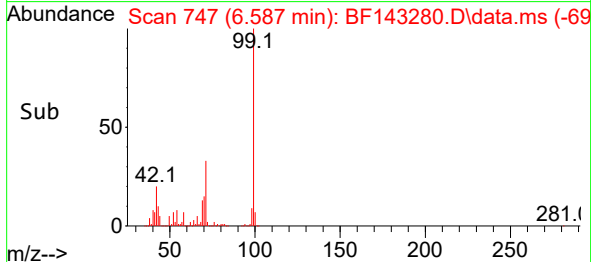
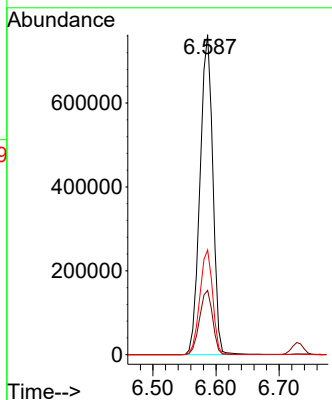
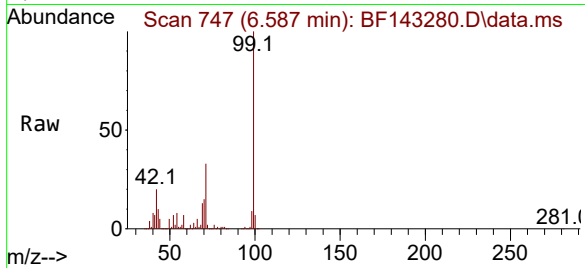




#7
Phenol-d6
Concen: 129.412 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143280.D
Acq: 01 Aug 2025 14:08

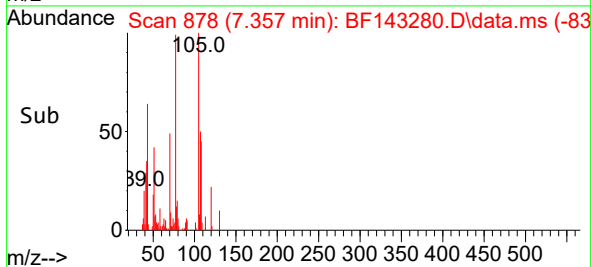
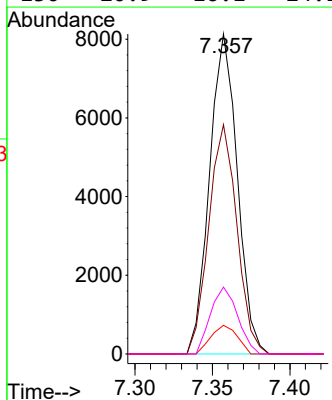
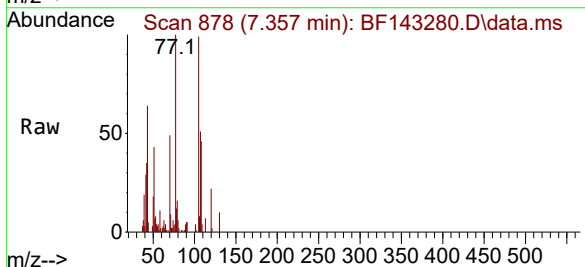
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

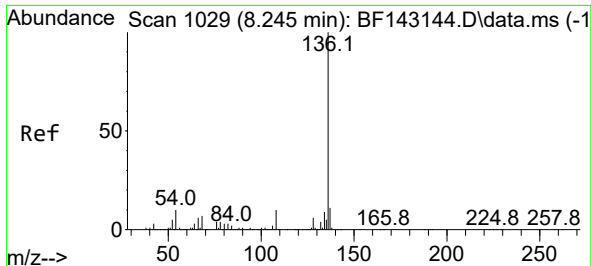
Tgt Ion: 99 Resp: 1075538
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 32.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 1.900 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.018 min
Lab File: BF143280.D
Acq: 01 Aug 2025 14:08

Tgt Ion: 70 Resp: 10133
Ion Ratio Lower Upper
70 100
42 71.6 52.5 78.7
101 9.0 7.6 11.4
130 20.9 16.1 24.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143280.D

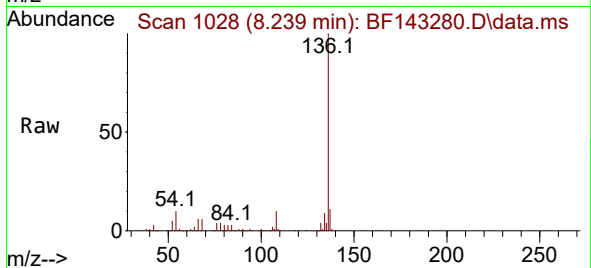
Acq: 01 Aug 2025 14:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion:136 Resp: 350428

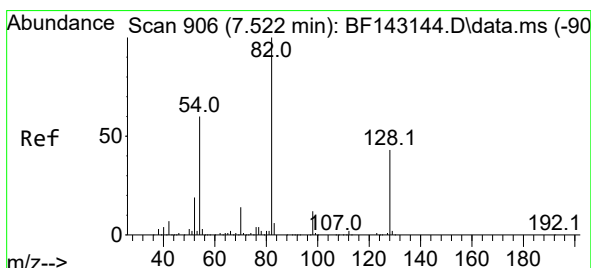
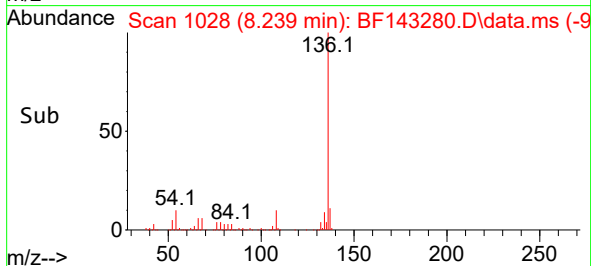
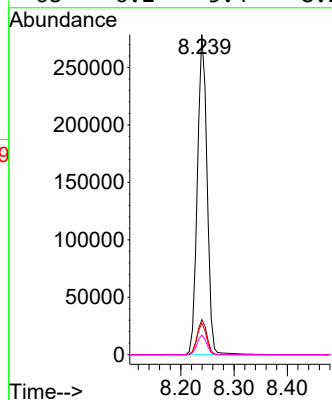
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.8 8.2 12.2

68 6.2 5.4 8.2



#23

Nitrobenzene-d5

Concen: 69.081 ng

RT: 7.516 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF143280.D

Acq: 01 Aug 2025 14:08

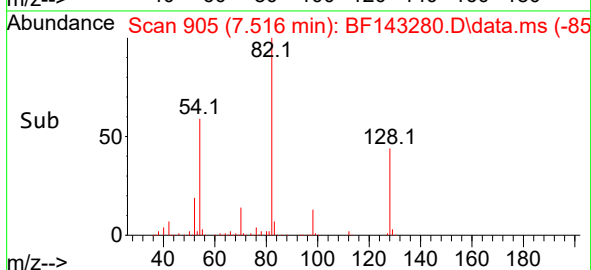
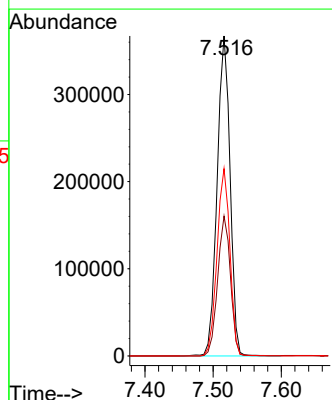
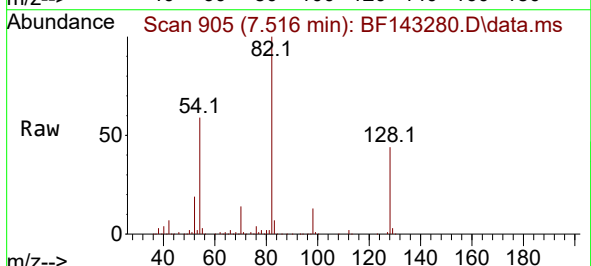
Tgt Ion: 82 Resp: 485644

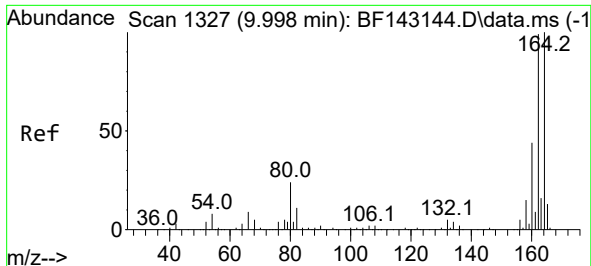
Ion Ratio Lower Upper

82 100

128 43.7 33.6 50.4

54 58.6 47.1 70.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143280.D

Acq: 01 Aug 2025 14:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

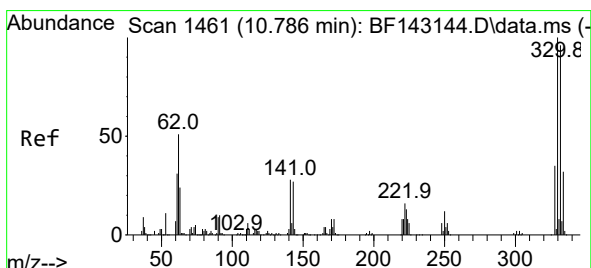
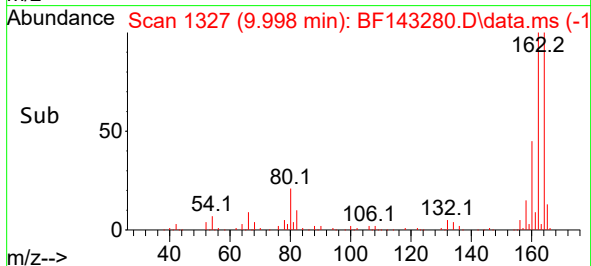
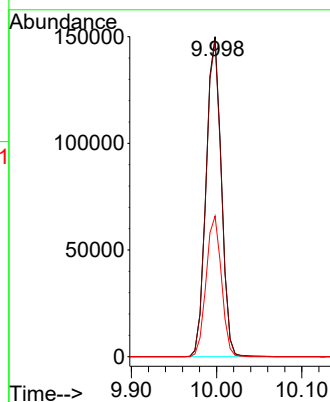
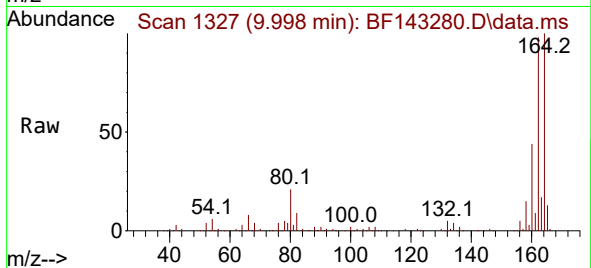
Tgt Ion:164 Resp: 186019

Ion Ratio Lower Upper

164 100

162 98.4 79.0 118.6

160 44.0 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 122.542 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143280.D

Acq: 01 Aug 2025 14:08

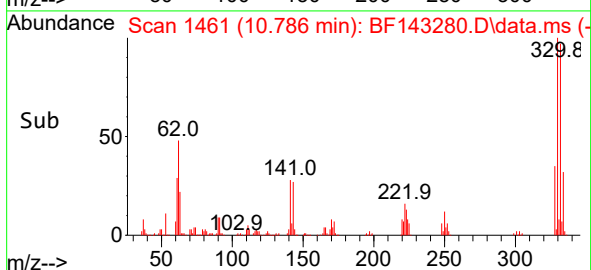
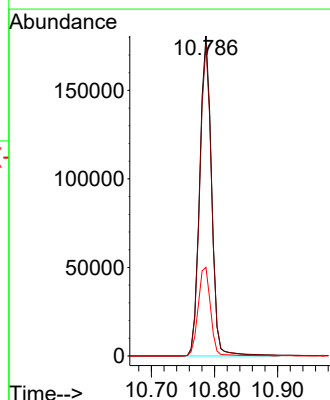
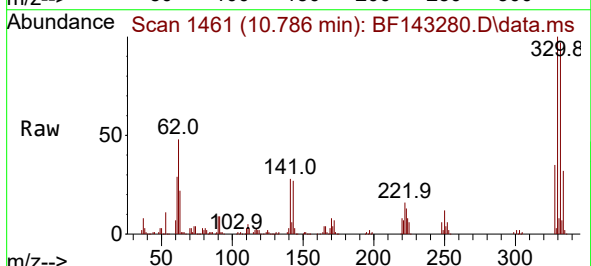
Tgt Ion:330 Resp: 235487

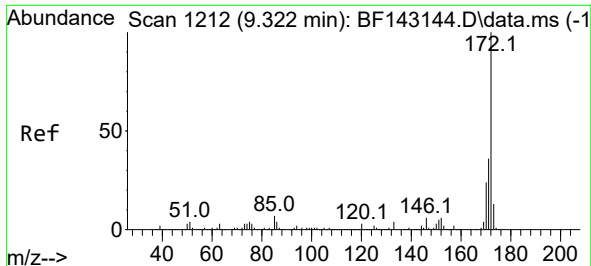
Ion Ratio Lower Upper

330 100

332 97.7 76.7 115.1

141 29.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 67.663 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143280.D

Acq: 01 Aug 2025 14:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

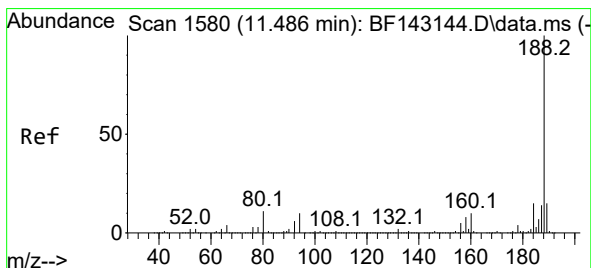
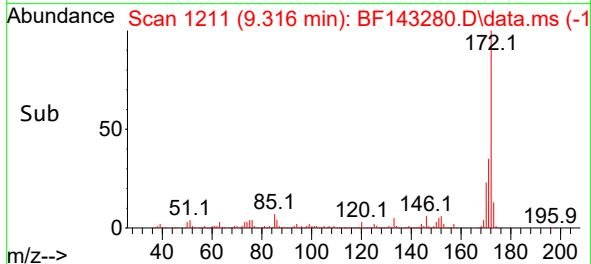
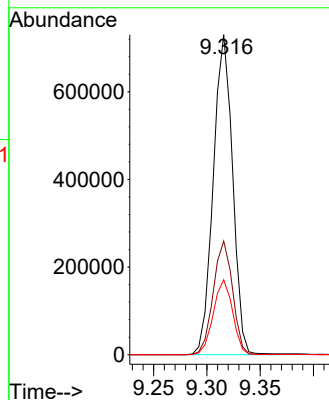
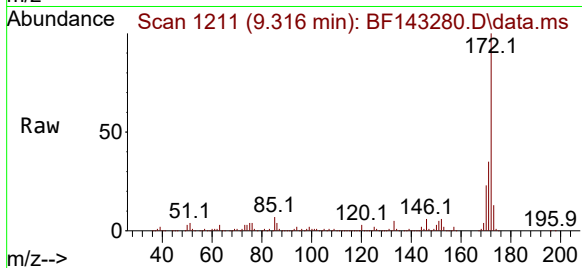
Tgt Ion:172 Resp: 920324

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.4 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143280.D

Acq: 01 Aug 2025 14:08

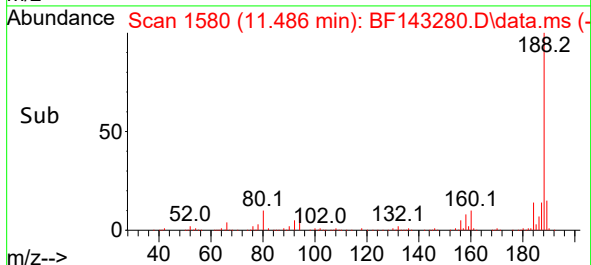
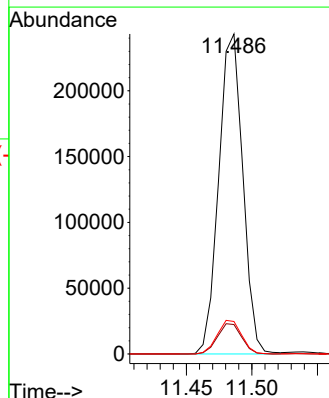
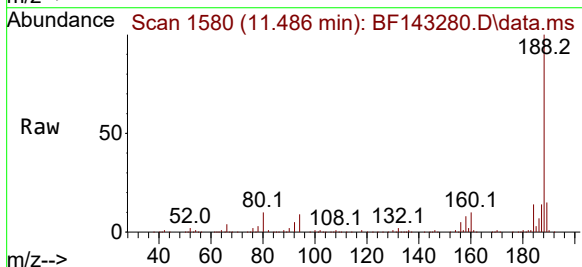
Tgt Ion:188 Resp: 310485

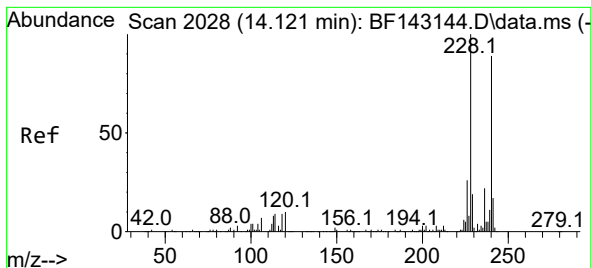
Ion Ratio Lower Upper

188 100

94 9.2 8.3 12.5

80 10.1 9.0 13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143280.D

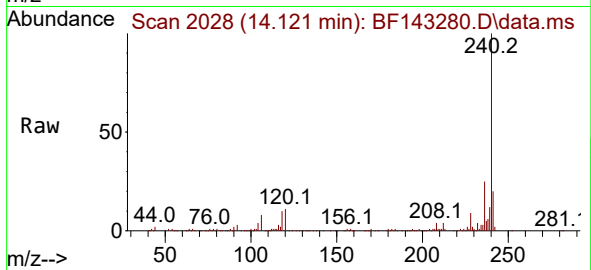
Acq: 01 Aug 2025 14:08

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025



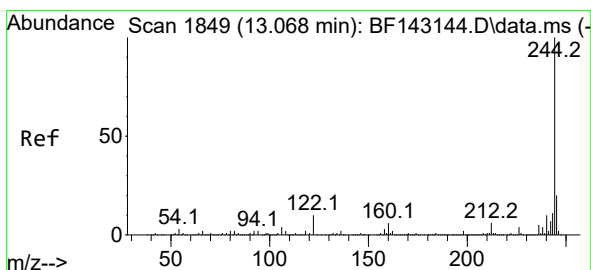
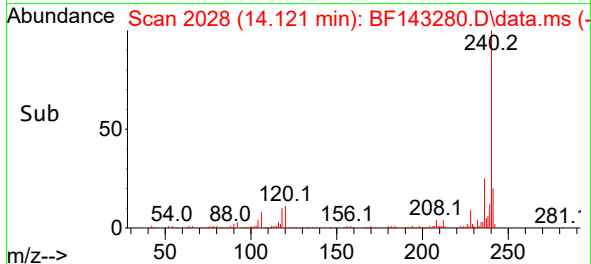
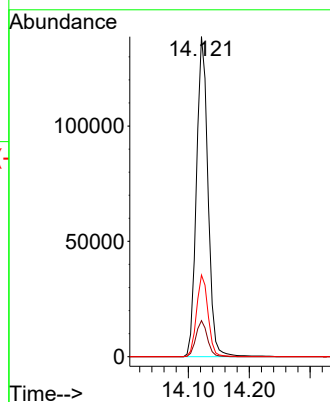
Tgt Ion:240 Resp: 182506

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 25.5 20.2 30.4



#79

Terphenyl-d14

Concen: 69.193 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143280.D

Acq: 01 Aug 2025 14:08

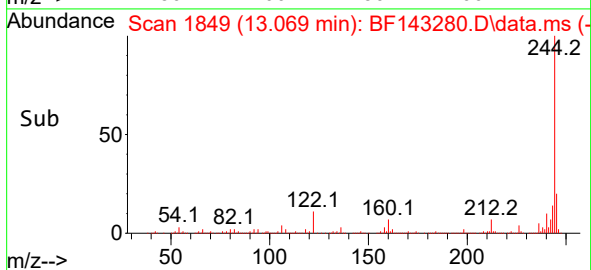
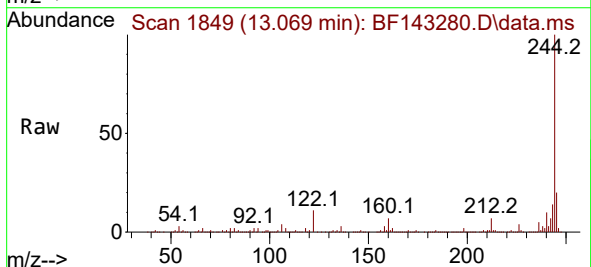
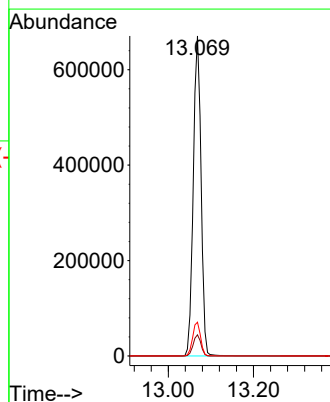
Tgt Ion:244 Resp: 848606

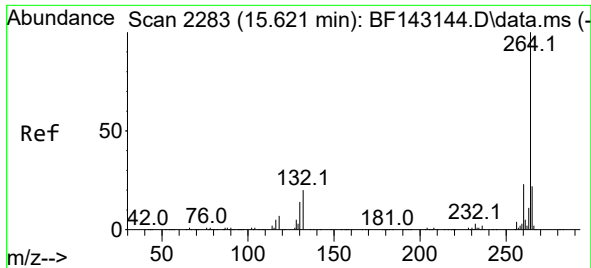
Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

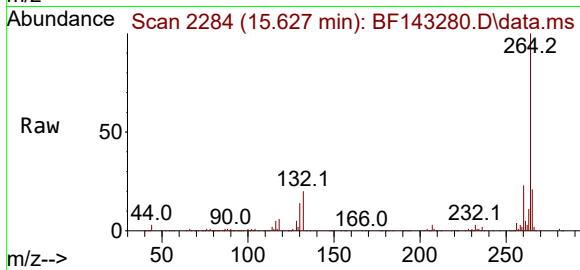
122 10.5 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143280.D
 Acq: 01 Aug 2025 14:08

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



Tgt Ion:264 Resp: 219922
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 21.4 17.4 26.2

