

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
 Data File : BN037458.D
 Acq On : 10 Jul 2025 15:05
 Operator : RC/JU
 Sample : Q2126-08
 Misc : LOQ-WATER -0.2ng
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 10 16:20:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 10 00:48:38 2025
 Response via : Initial Calibration

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

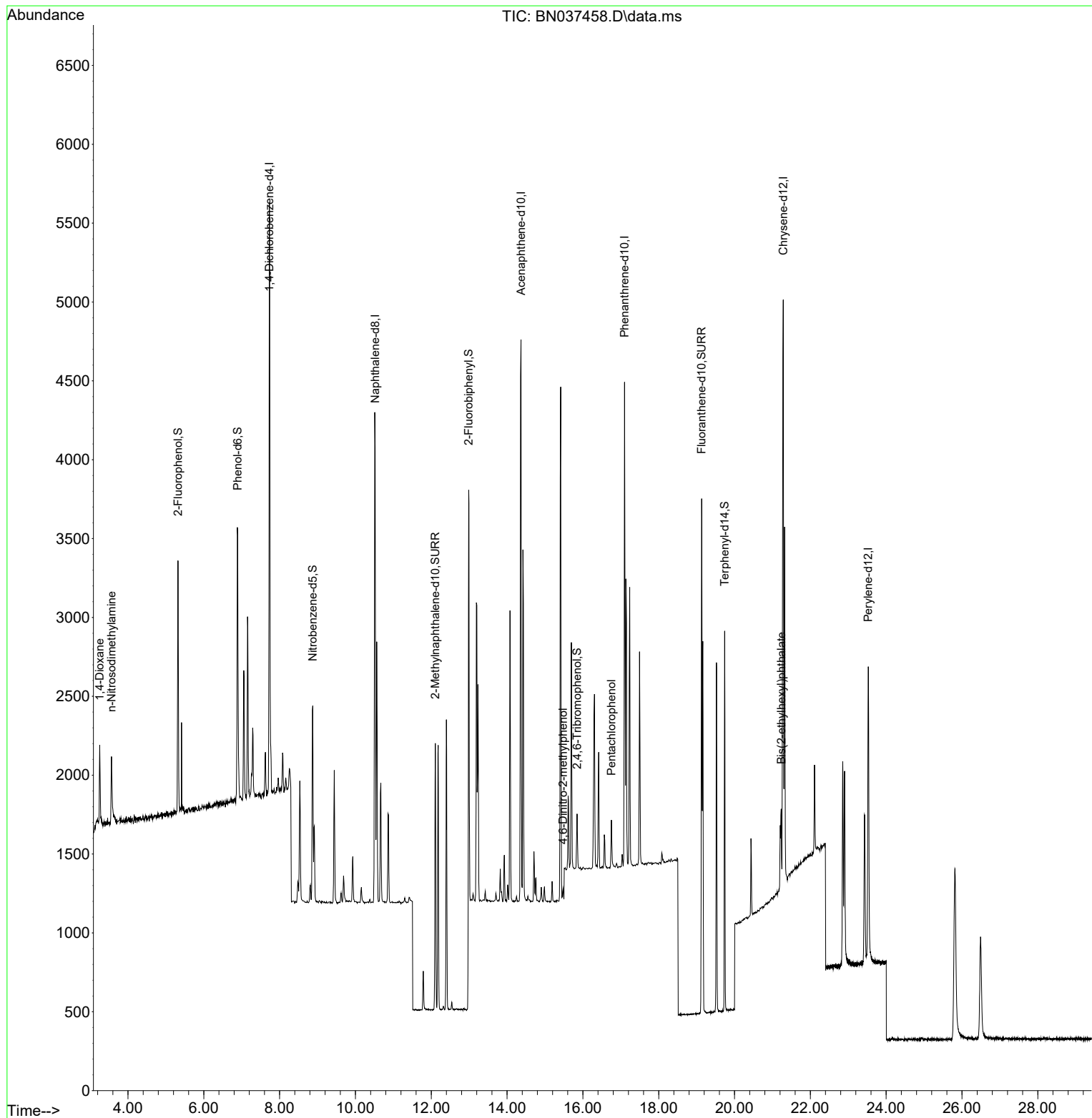
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1760	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4307	0.400	ng	# 0.00
13) Acenaphthene-d10	14.366	164	2098	0.400	ng	# 0.00
19) Phenanthrene-d10	17.099	188	3751	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	2787	0.400	ng	# 0.00
35) Perylene-d12	23.528	264	2540	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1258	0.266	ng	0.00
5) Phenol-d6	6.894	99	1579	0.271	ng	0.00
8) Nitrobenzene-d5	8.875	82	1023	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2246	0.373	ng	-0.01
14) 2,4,6-Tribromophenol	15.845	330	187	0.218	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	3862	0.334	ng	-0.01
27) Fluoranthene-d10	19.132	212	3583	0.372	ng	0.00
31) Terphenyl-d14	19.740	244	2149	0.366	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	331	0.194	ng	90
3) n-Nitrosodimethylamine	3.564	42	375	0.187	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.478	198	66	0.222	ng	# 77
24) Pentachlorophenol	16.751	266	156	0.122	ng	95
34) Bis(2-ethylhexyl)phtha...	21.232	149	518	0.235	ng	# 98

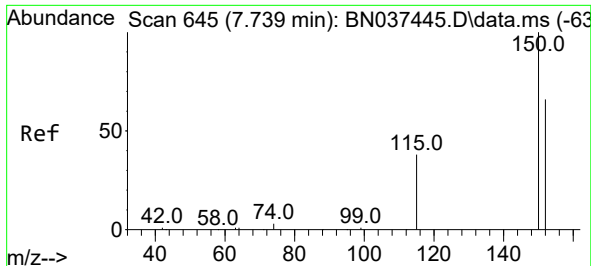
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
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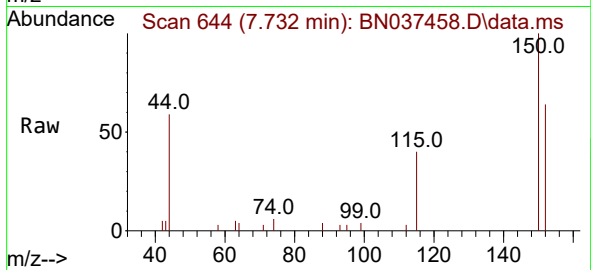
Quant Time: Jul 10 16:20:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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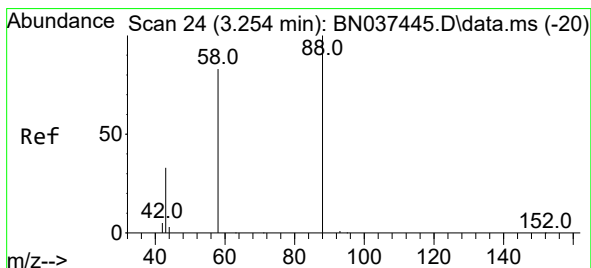
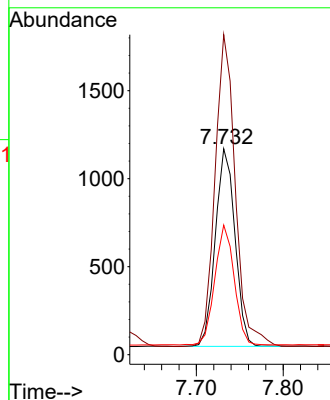
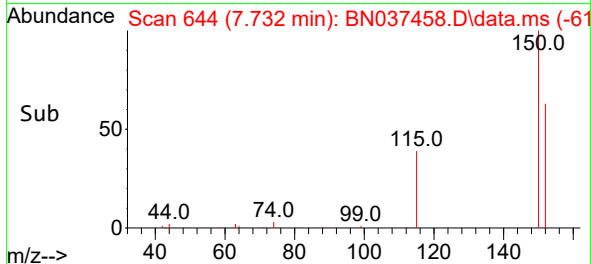


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037458.D
 Acq: 10 Jul 2025 15:05

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

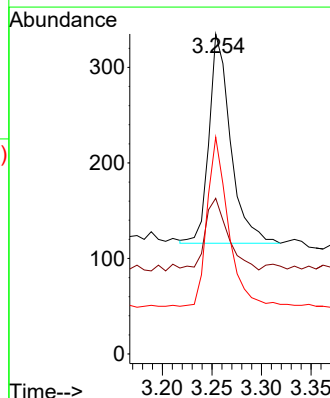
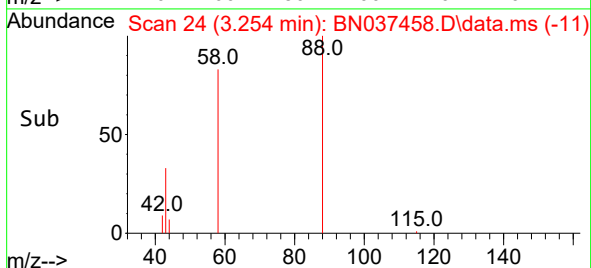
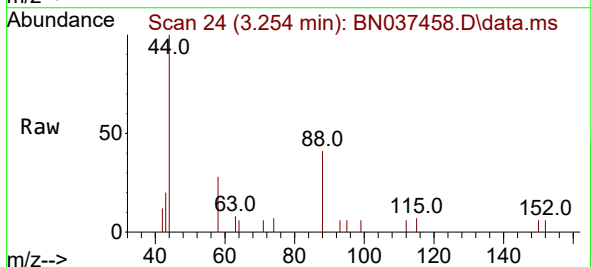


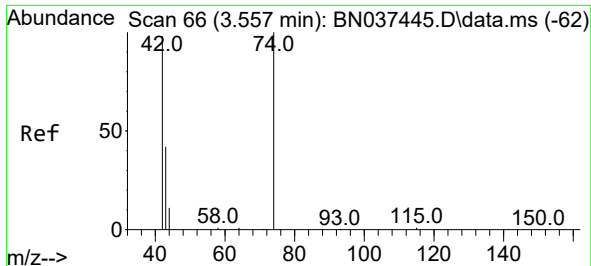
Tgt Ion:152 Resp: 1760
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 62.9 50.4 75.6



#2
 1,4-Dioxane
 Concen: 0.194 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN037458.D
 Acq: 10 Jul 2025 15:05

Tgt Ion: 88 Resp: 331
 Ion Ratio Lower Upper
 88 100
 43 38.7 37.4 56.2
 58 79.2 69.3 103.9

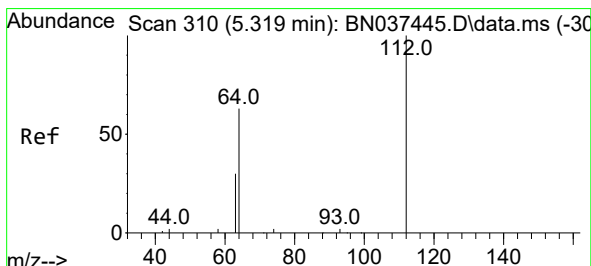
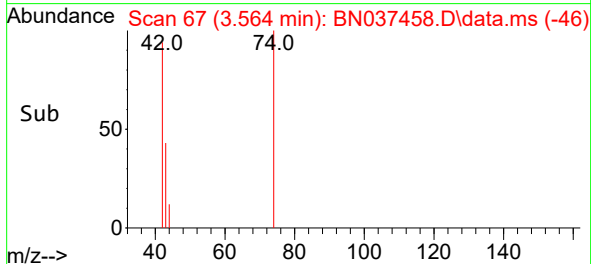
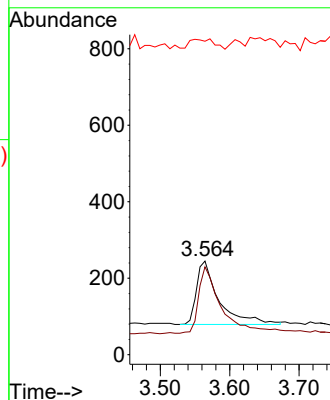
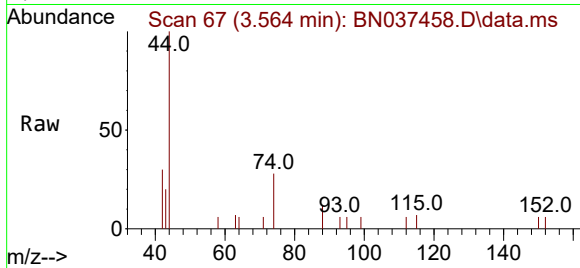




#3
n-Nitrosodimethylamine
Concen: 0.187 ng
RT: 3.564 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

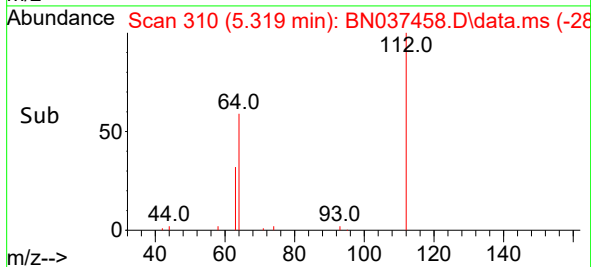
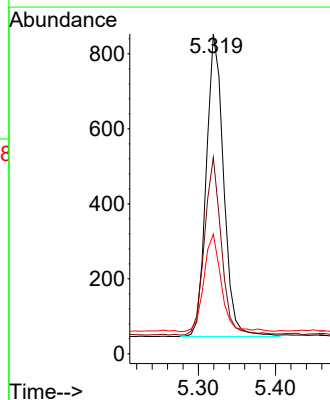
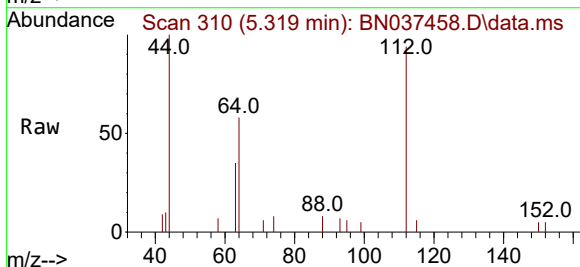
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025

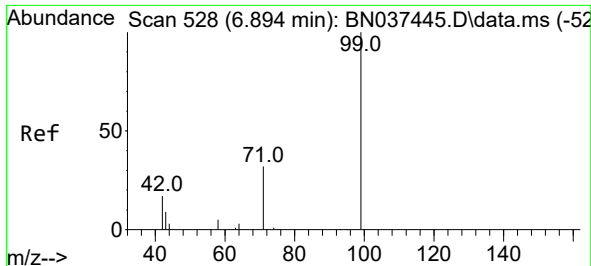
Tgt Ion: 42 Resp: 375
Ion Ratio Lower Upper
42 100
74 105.3 69.9 104.9#
44 16.5 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.266 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.007 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

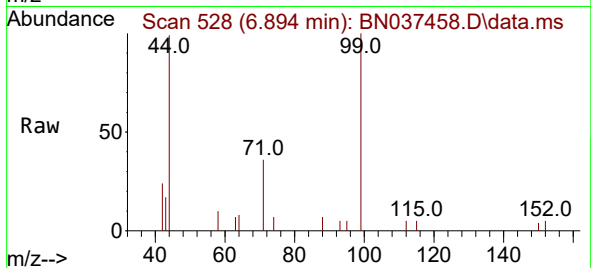
Tgt Ion: 112 Resp: 1258
Ion Ratio Lower Upper
112 100
64 57.3 49.4 74.2
63 32.3 27.2 40.8



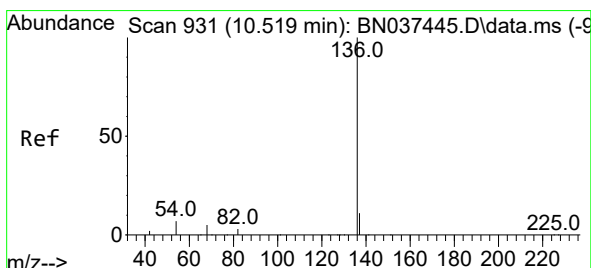
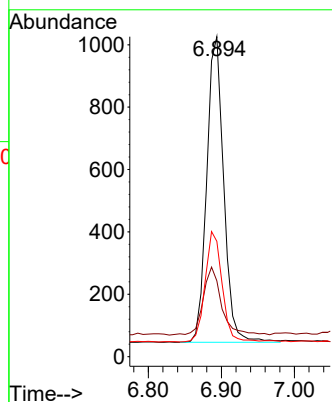
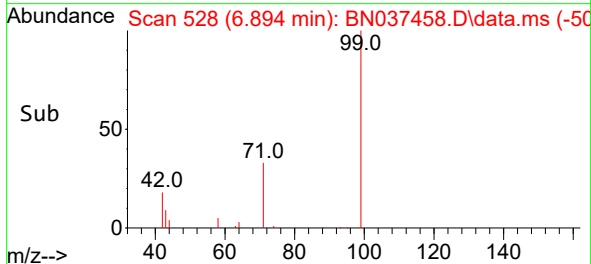


#5
Phenol-d6
Concen: 0.271 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

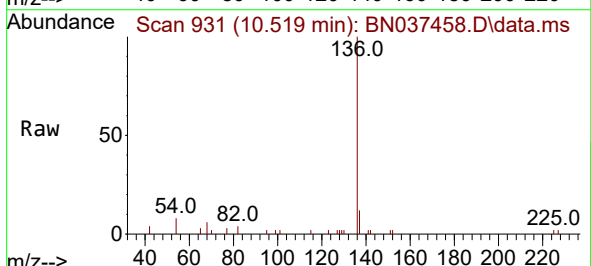
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



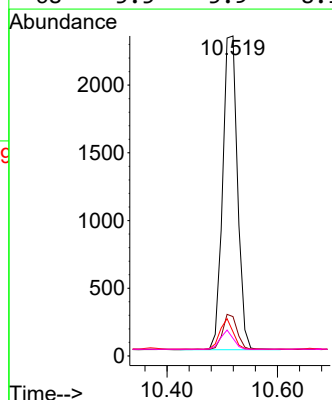
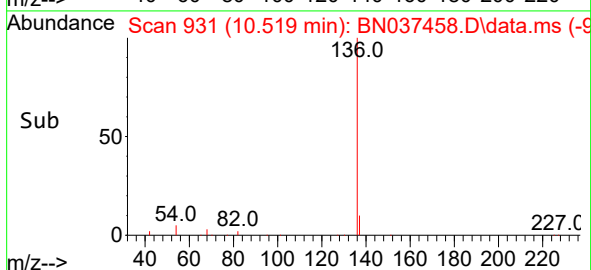
Tgt Ion:	99	Resp:	1579
Ion	Ratio	Lower	Upper
99	100		
42	24.1	22.5	33.7
71	36.1	27.8	41.6

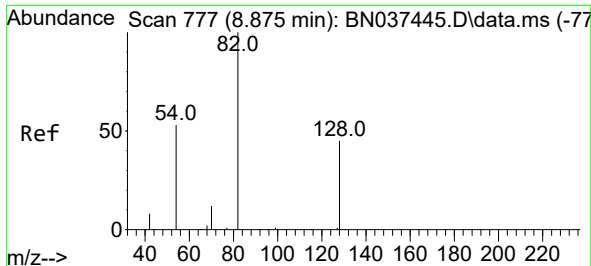


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05



Tgt Ion:	136	Resp:	4307
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	7.5	8.8	13.2#
68	5.5	5.9	8.9#

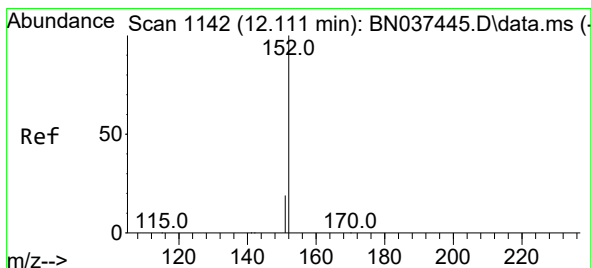
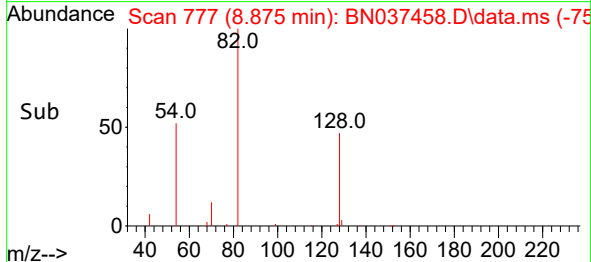
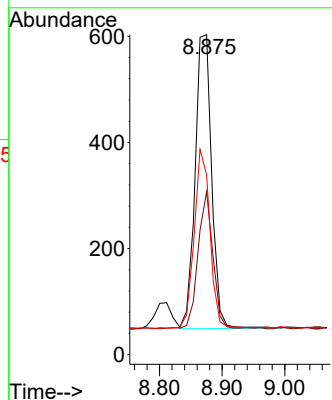
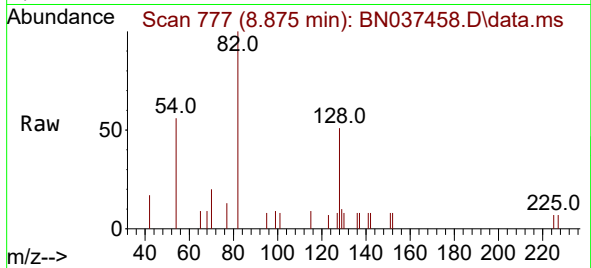




#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

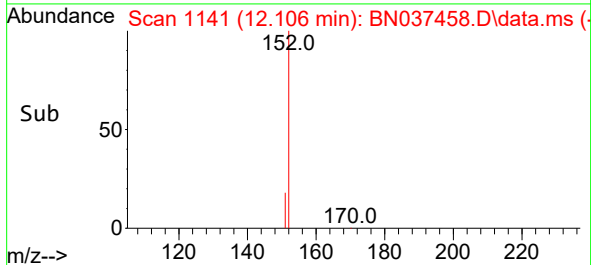
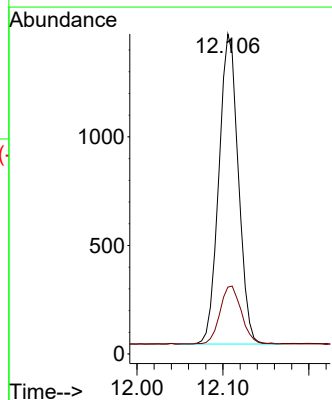
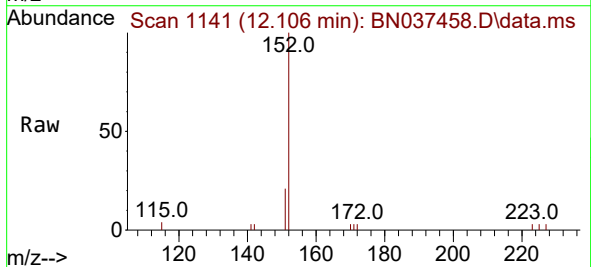
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025

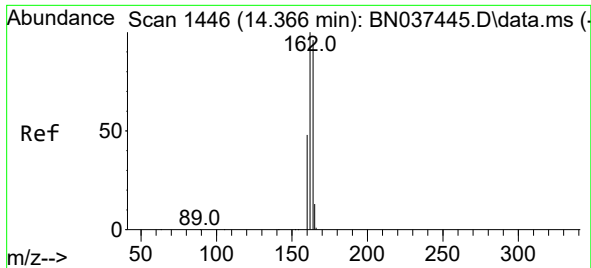
Tgt Ion: 82 Resp: 1023
Ion Ratio Lower Upper
82 100
128 50.9 31.4 47.0#
54 56.2 51.3 76.9



#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

Tgt Ion:152 Resp: 2246
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

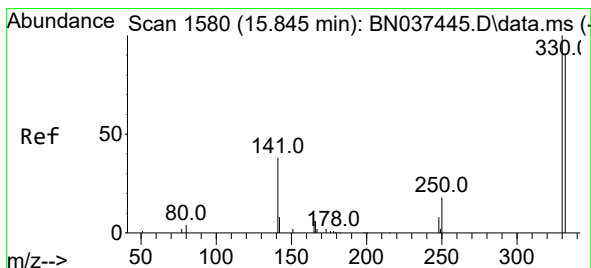
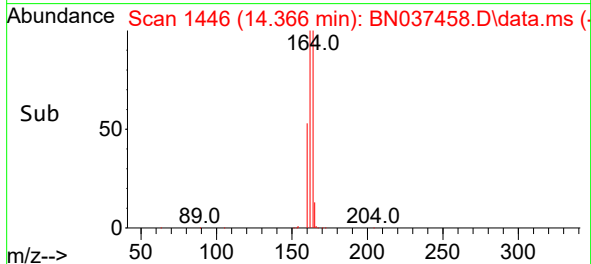
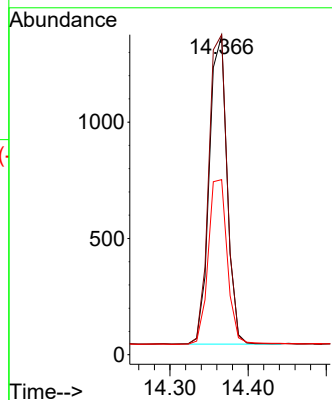
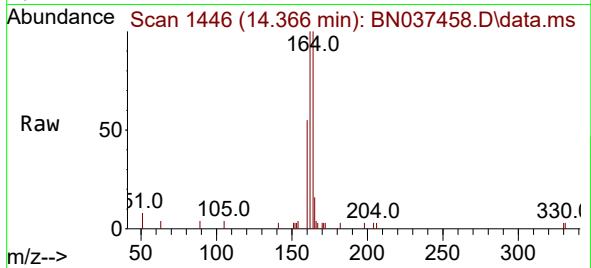




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

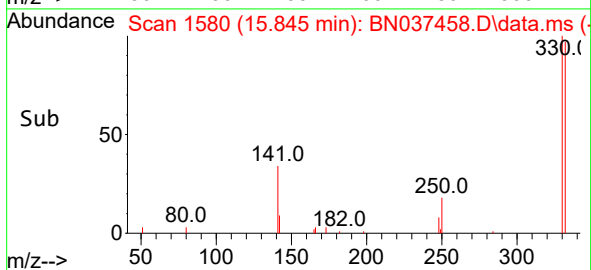
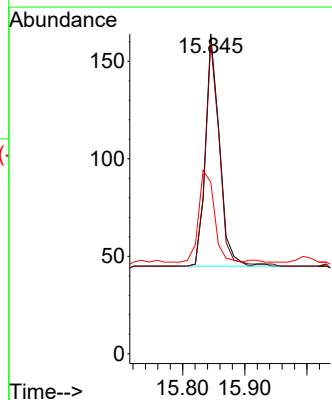
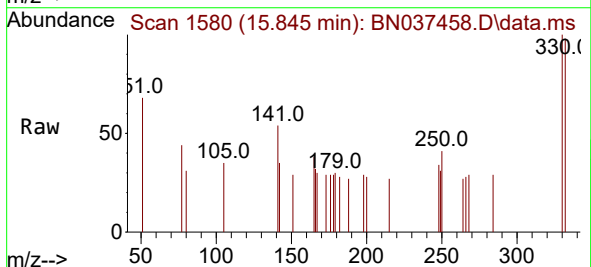
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025

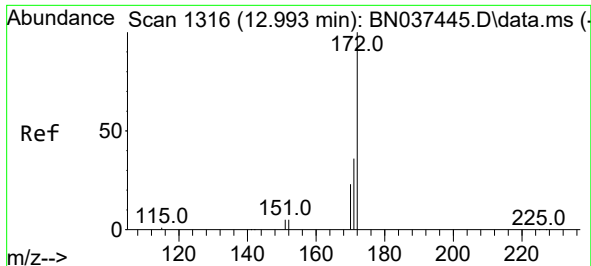
Tgt Ion:164 Resp: 2098
Ion Ratio Lower Upper
164 100
162 100.3 82.7 124.1
160 54.9 55.0 82.4#



#14
2,4,6-Tribromophenol
Concen: 0.218 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

Tgt Ion:330 Resp: 187
Ion Ratio Lower Upper
330 100
332 95.7 75.3 112.9
141 43.9 38.7 58.1

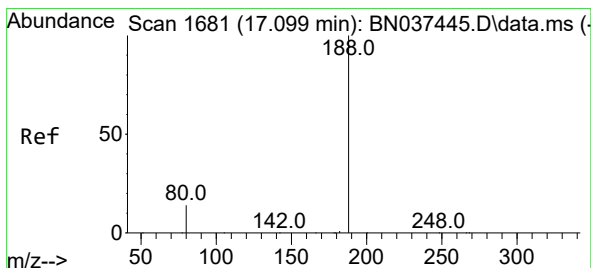
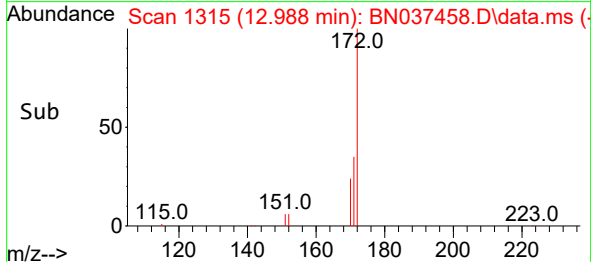
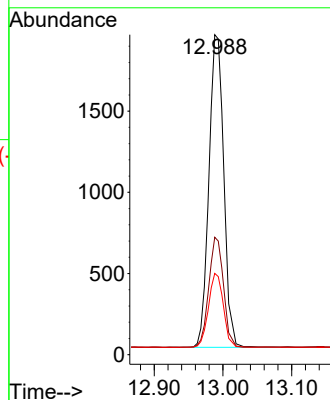
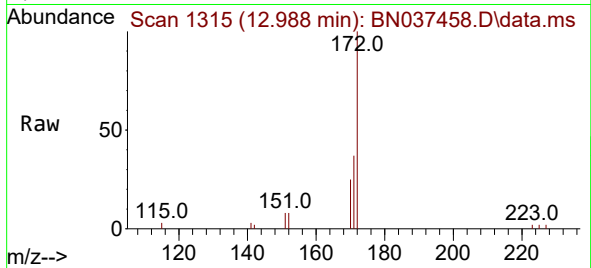




#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.988 min Scan# 1315
Delta R.T. -0.010 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

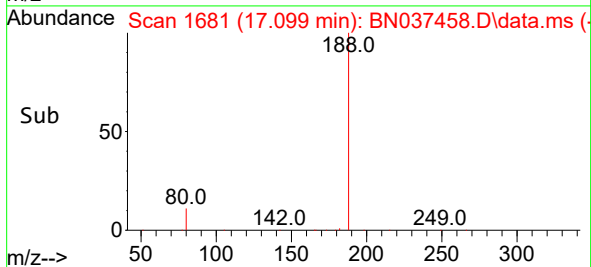
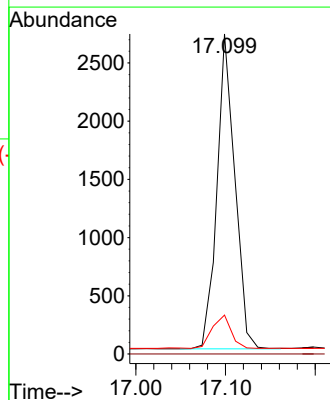
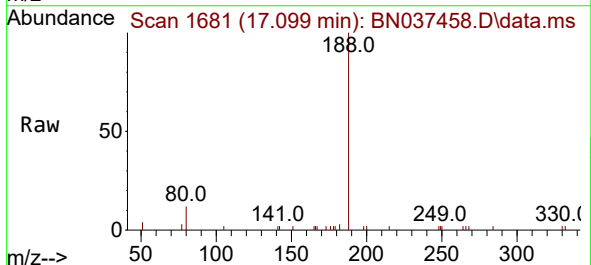
Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT2-2025

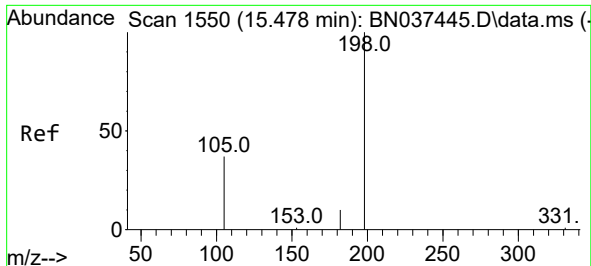
Tgt Ion:172	Resp:	3862
Ion Ratio	Lower	Upper
172	100	
171	36.7	28.4 42.6
170	25.4	18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

Tgt Ion:188	Resp:	3751
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.2	7.8 11.6

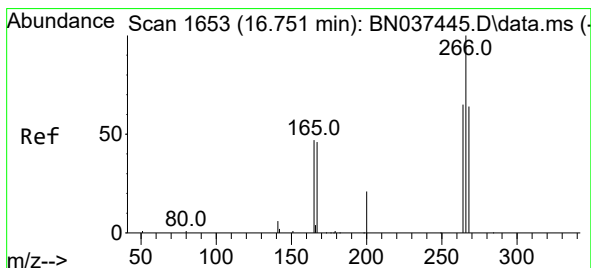
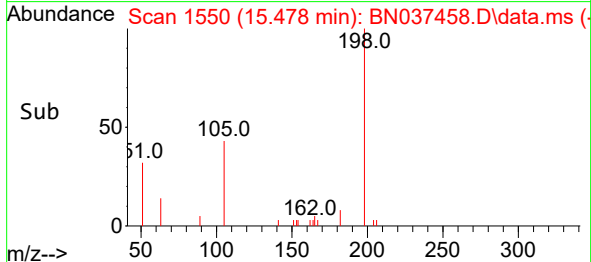
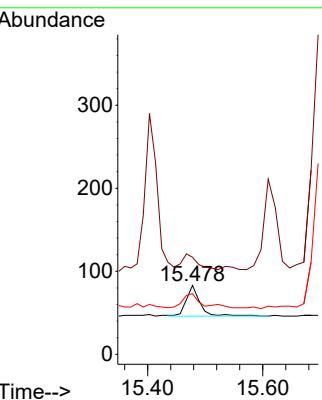
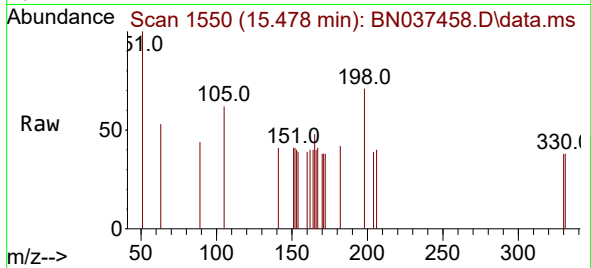




#20
4,6-Dinitro-2-methylphenol
Concen: 0.222 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

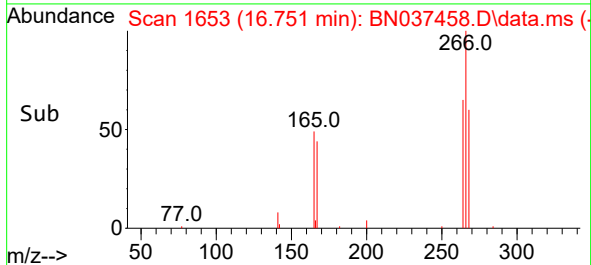
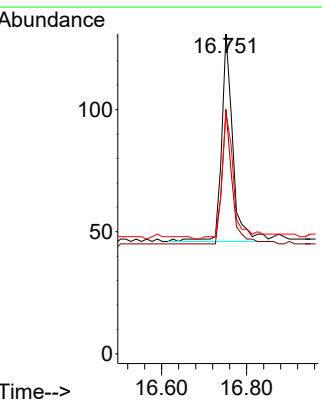
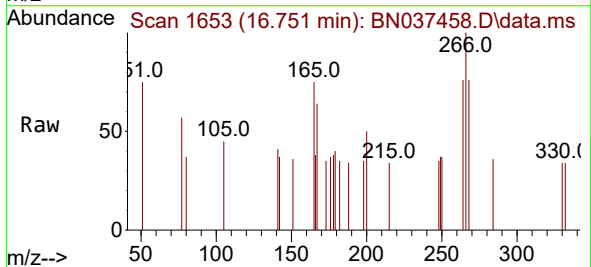
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025

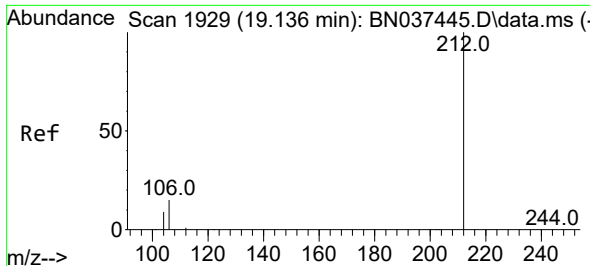
Tgt Ion:198 Resp: 66
Ion Ratio Lower Upper
198 100
51 141.0 145.5 218.3#
105 88.0 64.2 96.4



#24
Pentachlorophenol
Concen: 0.122 ng
RT: 16.751 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

Tgt Ion:266 Resp: 156
Ion Ratio Lower Upper
266 100
264 58.3 52.4 78.6
268 66.7 53.9 80.9

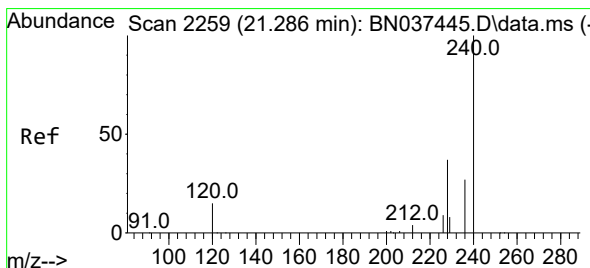
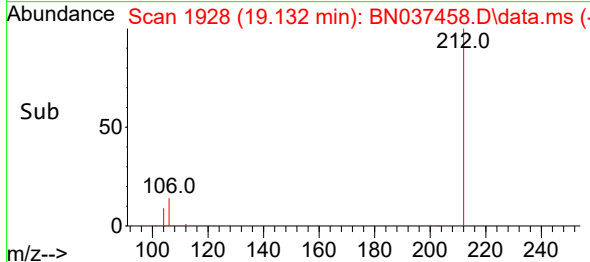
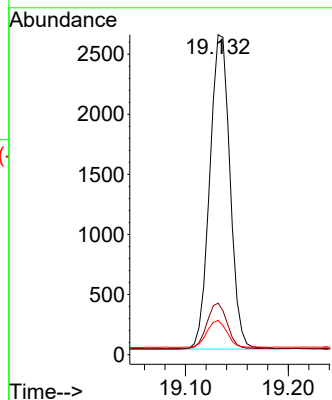
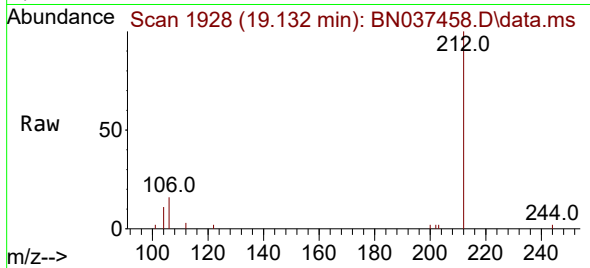




#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

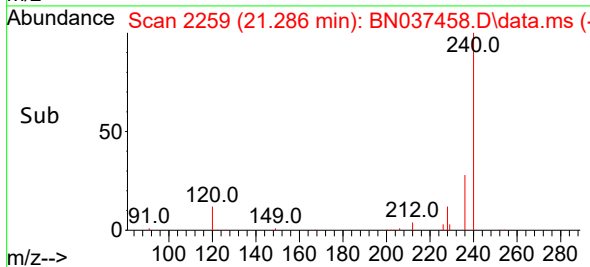
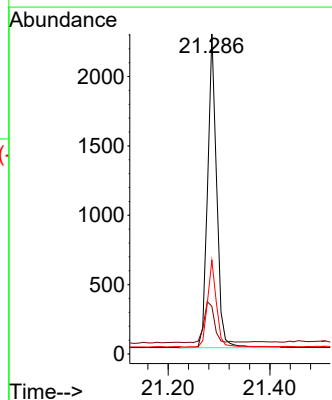
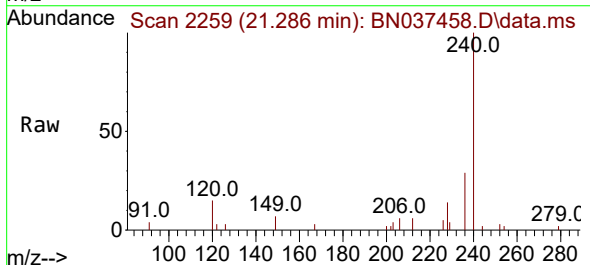
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025

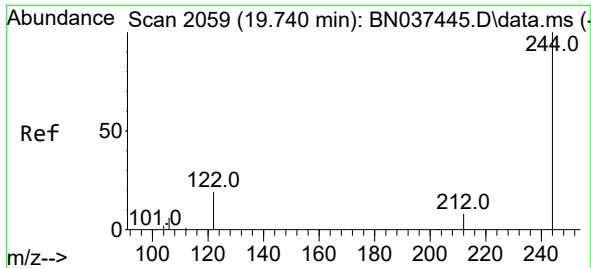
Tgt Ion:212 Resp: 3583
Ion Ratio Lower Upper
212 100
106 14.5 13.4 20.0
104 8.4 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.009 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

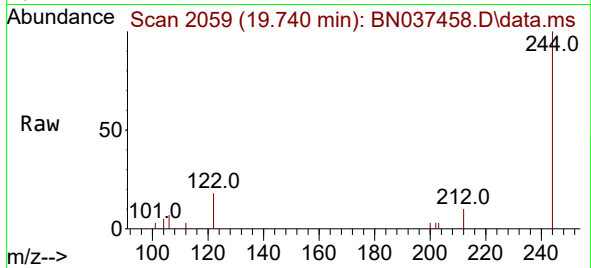
Tgt Ion:240 Resp: 2787
Ion Ratio Lower Upper
240 100
120 14.9 16.4 24.6#
236 29.3 23.3 34.9



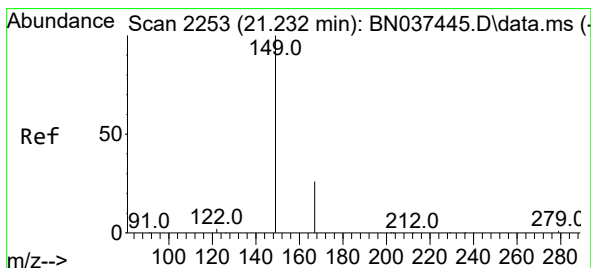
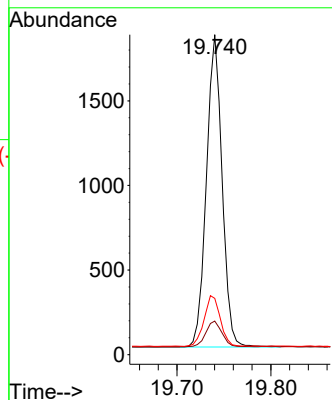


#31
 Terphenyl-d14
 Concen: 0.366 ng
 RT: 19.740 min Scan# 2059
 Delta R.T. -0.009 min
 Lab File: BN037458.D
 Acq: 10 Jul 2025 15:05

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

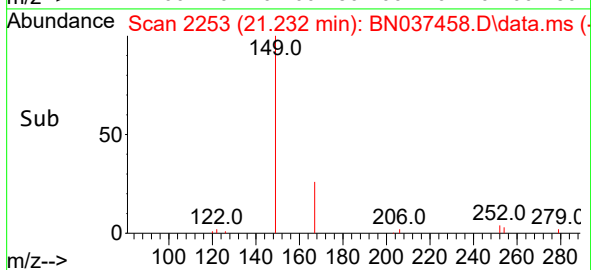
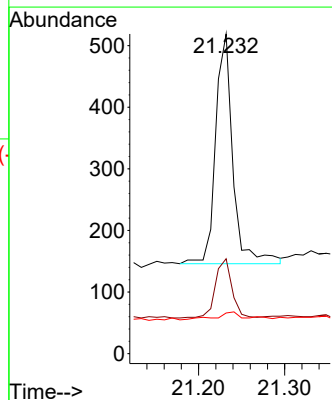
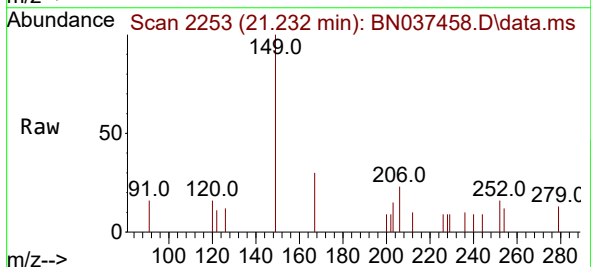


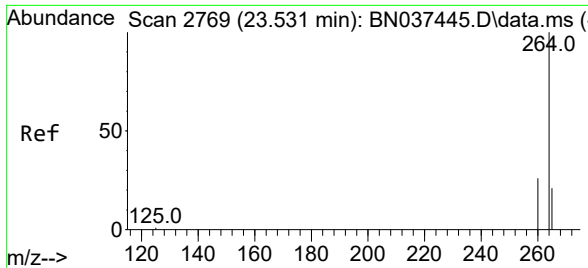
Tgt Ion:	244	Resp:	2149
Ion Ratio	Lower	Upper	
244	100		
212	10.5	9.0	13.4
122	17.6	15.0	22.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.235 ng
 RT: 21.232 min Scan# 2253
 Delta R.T. -0.009 min
 Lab File: BN037458.D
 Acq: 10 Jul 2025 15:05

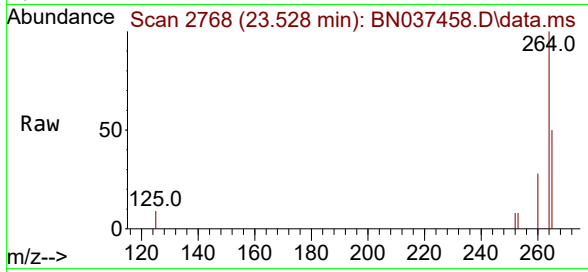
Tgt Ion:	149	Resp:	518
Ion Ratio	Lower	Upper	
149	100		
167	24.7	20.6	30.8
279	4.6	2.2	3.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.528 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN037458.D
Acq: 10 Jul 2025 15:05

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



Tgt Ion:264 Resp: 2540

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.1	33.1
265	50.3	30.1	45.1#

