

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
 Data File : BN037680.D
 Acq On : 10 Sep 2025 12:55
 Operator : RC/JU
 Sample : Q2893-08
 Misc : LOQ-WATER 0.2 ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Quant Time: Sep 10 13:21:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 10 02:02:04 2025
 Response via : Initial Calibration

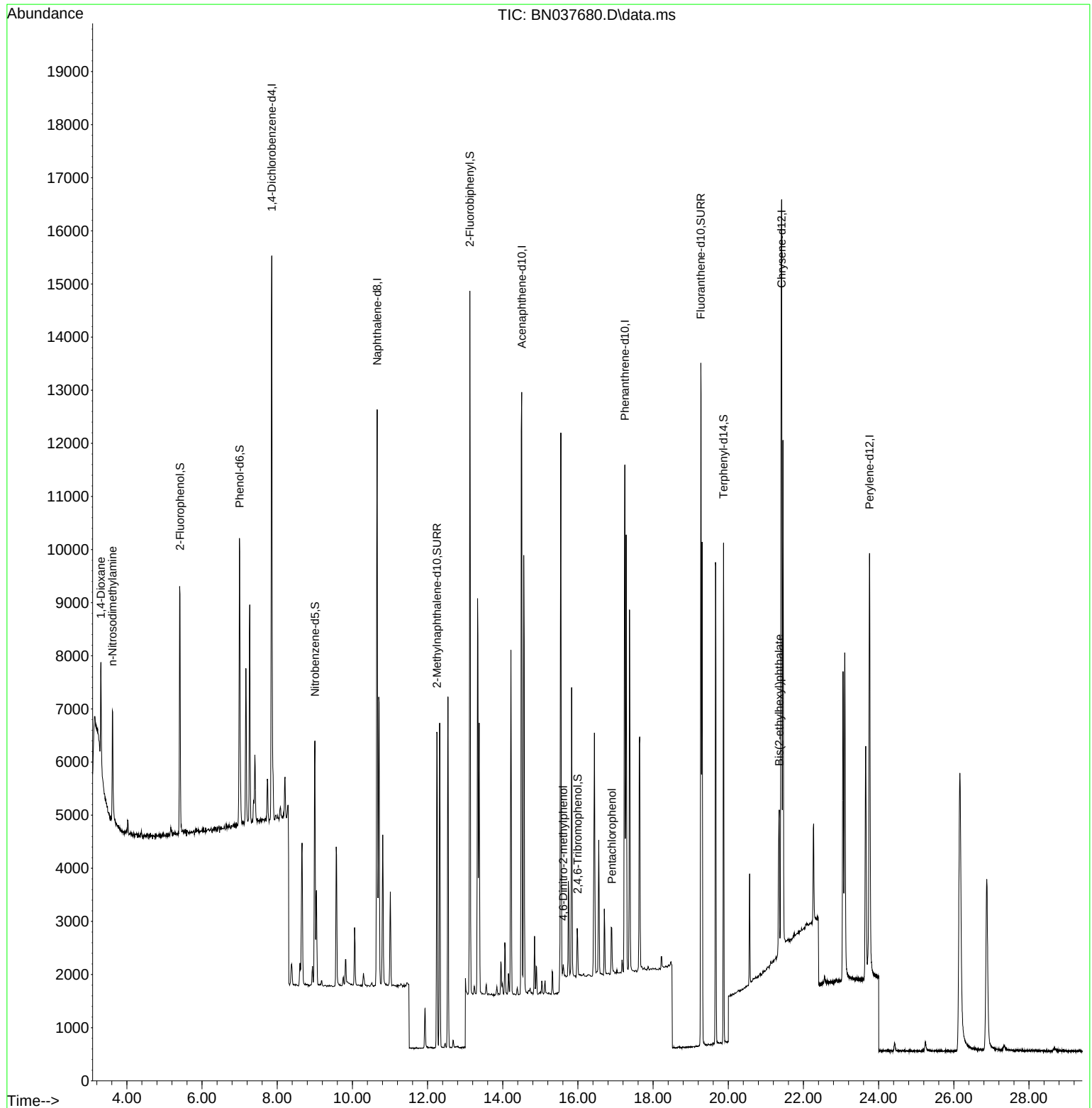
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.854	152	5172	0.400 ng	0.00
7) Naphthalene-d8	10.658	136	14178	0.400 ng	# 0.01
13) Acenaphthene-d10	14.505	164	6820	0.400 ng	0.01
19) Phenanthrene-d10	17.248	188	12893	0.400 ng	0.00
29) Chrysene-d12	21.420	240	10626	0.400 ng	# 0.00
35) Perylene-d12	23.759	264	10909	0.400 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.413	112	3950	0.298 ng	0.00
5) Phenol-d6	7.002	99	5091	0.306 ng	0.01
8) Nitrobenzene-d5	9.003	82	3692	0.423 ng	0.01
11) 2-Methylnaphthalene-d10	12.248	152	7971	0.400 ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	566	0.298 ng	0.01
15) 2-Fluorobiphenyl	13.126	172	10847	0.404 ng	0.00
27) Fluoranthene-d10	19.271	212	13712	0.412 ng	0.00
31) Terphenyl-d14	19.875	244	8806	0.393 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.312	88	1224	0.218 ng	Qvalue 97
3) n-Nitrosodimethylamine	3.615	42	1431	0.202 ng	# 93
20) 4,6-Dinitro-2-methylph...	15.609	198	164	0.228 ng	# 66
24) Pentachlorophenol	16.900	266	564	0.188 ng	96
34) Bis(2-ethylhexyl)phtha...	21.358	149	2073	0.197 ng	# 96

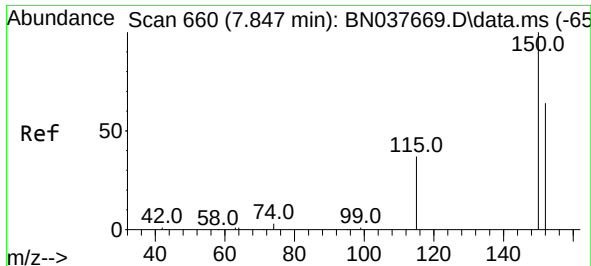
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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LOQ-WATER-02-QT3-2025

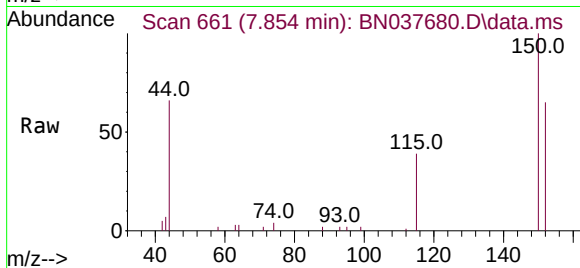
Quant Time: Sep 10 13:21:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



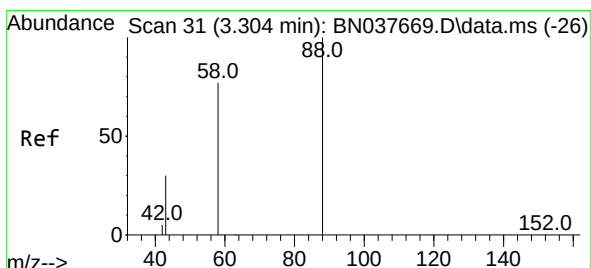
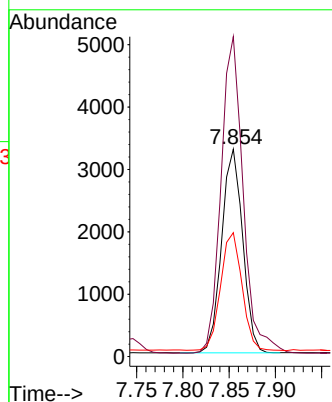
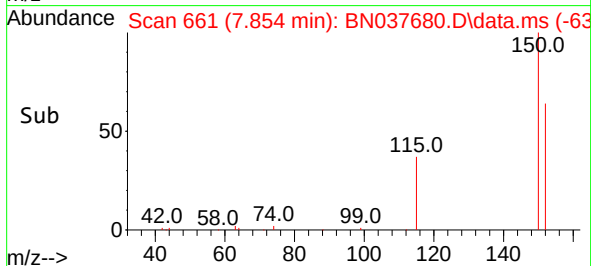


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN037680.D
 Acq: 10 Sep 2025 12:55

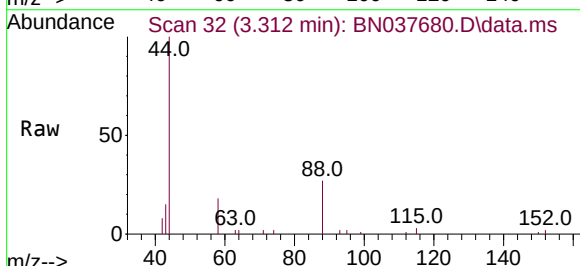
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2025



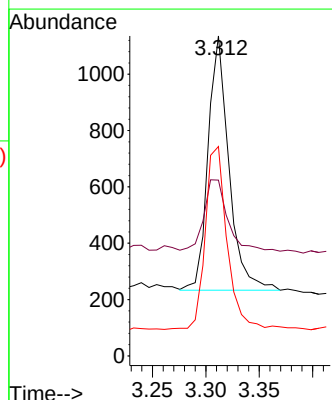
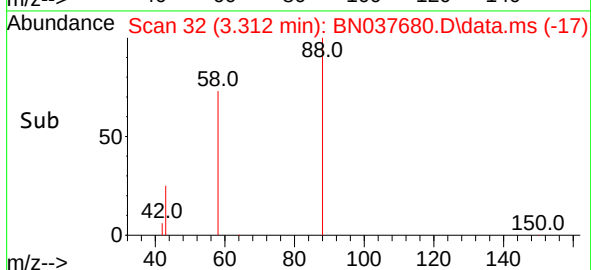
Tgt Ion:152 Resp: 5172
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.2 184.8
 115 59.7 49.0 73.4

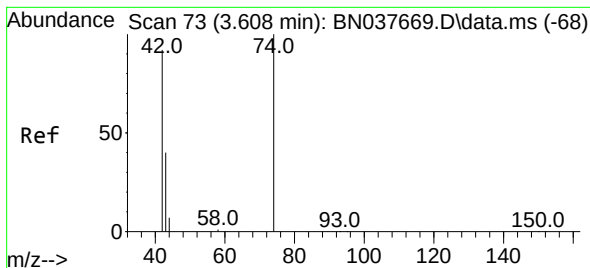


#2
 1,4-Dioxane
 Concen: 0.218 ng
 RT: 3.312 min Scan# 32
 Delta R.T. 0.007 min
 Lab File: BN037680.D
 Acq: 10 Sep 2025 12:55



Tgt Ion: 88 Resp: 1224
 Ion Ratio Lower Upper
 88 100
 43 31.6 26.8 40.2
 58 75.7 62.6 93.8





#3

n-Nitrosodimethylamine

Concen: 0.202 ng

RT: 3.615 min Scan# 74

Delta R.T. 0.007 min

Lab File: BN037680.D

Acq: 10 Sep 2025 12:55

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2025

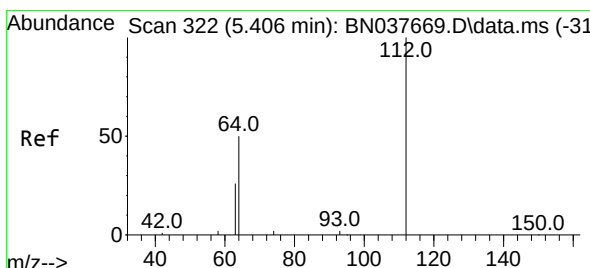
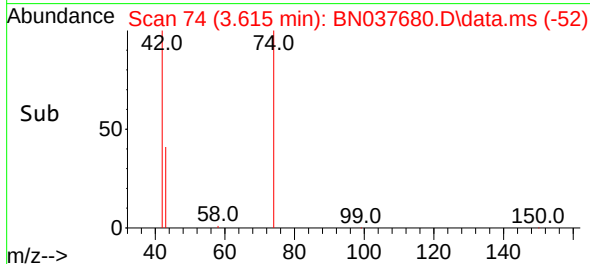
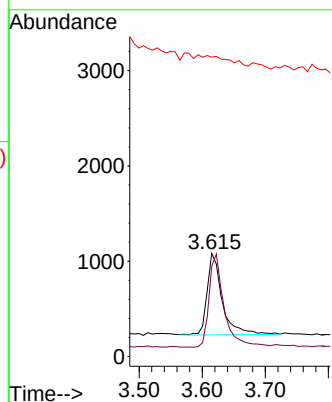
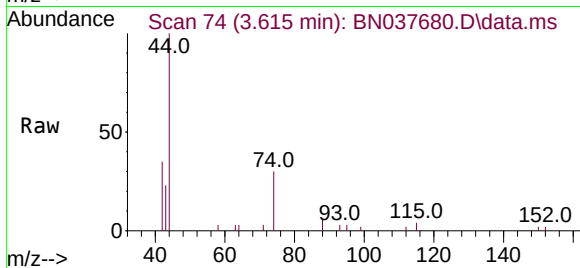
Tgt Ion: 42 Resp: 1431

Ion Ratio Lower Upper

42 100

74 114.2 94.9 142.3

44 0.0 10.6 16.0#



#4

2-Fluorophenol

Concen: 0.298 ng

RT: 5.413 min Scan# 323

Delta R.T. 0.007 min

Lab File: BN037680.D

Acq: 10 Sep 2025 12:55

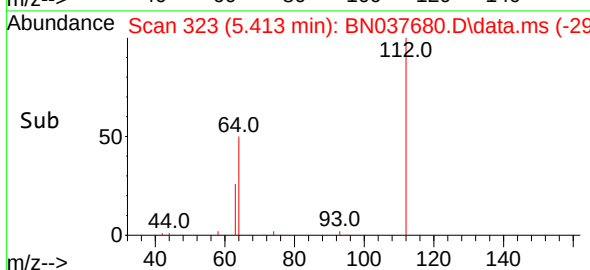
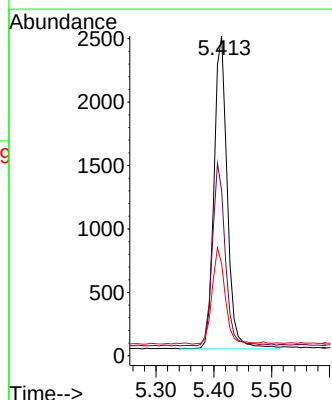
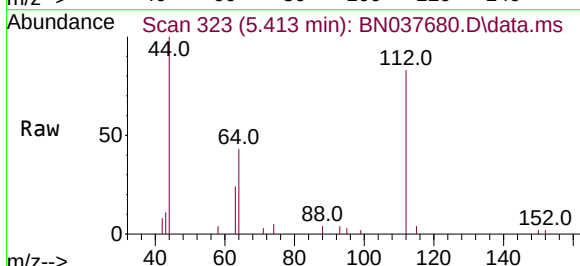
Tgt Ion: 112 Resp: 3950

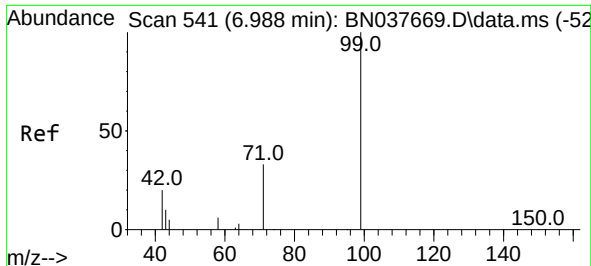
Ion Ratio Lower Upper

112 100

64 56.6 45.4 68.2

63 30.0 23.7 35.5

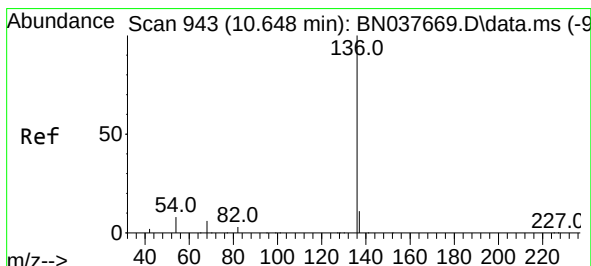
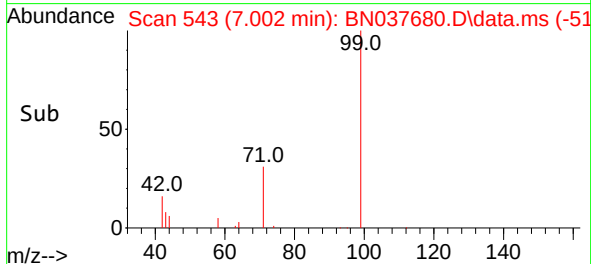
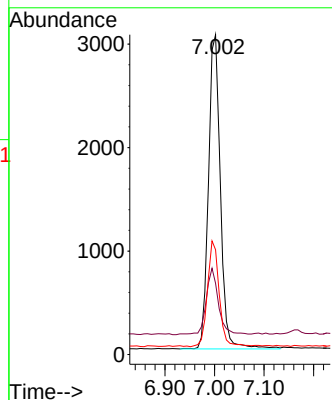
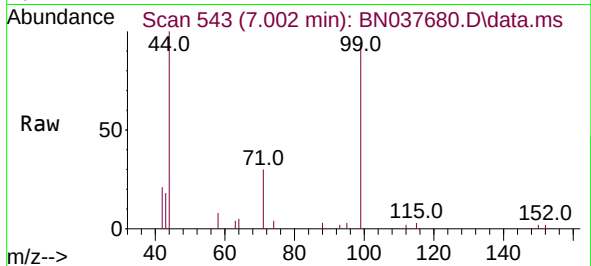




#5
Phenol-d6
Concen: 0.306 ng
RT: 7.002 min Scan# 541
Delta R.T. 0.015 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

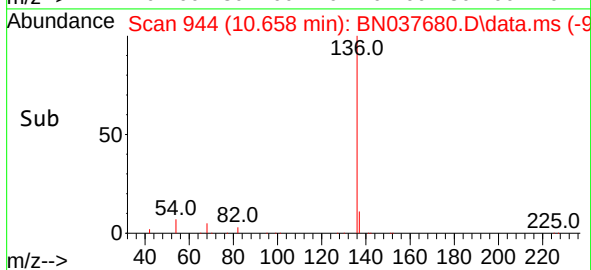
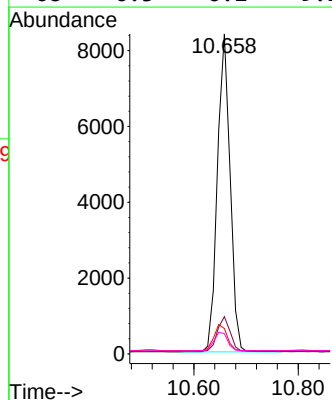
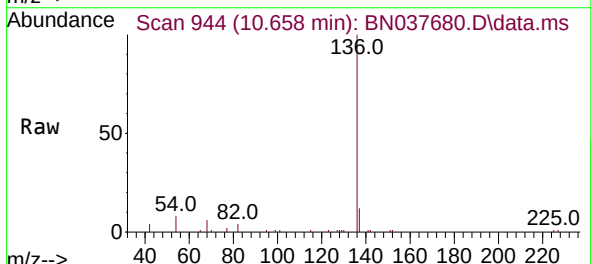
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

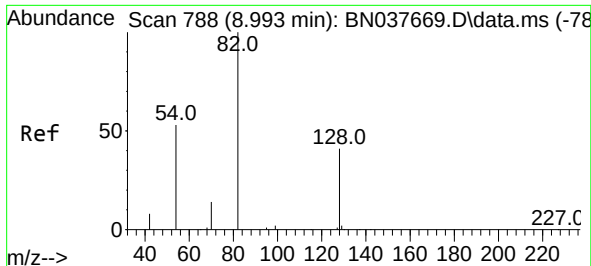
Tgt Ion:	99	Resp:	5091
Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.7	26.5
71	33.5	26.7	40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:	136	Resp:	14178
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.9	8.1	12.1
68	6.3	6.2	9.2

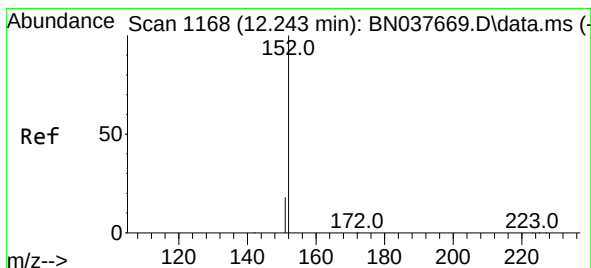
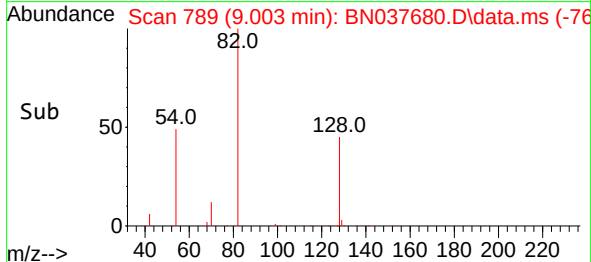
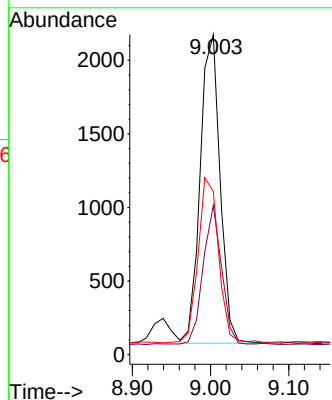
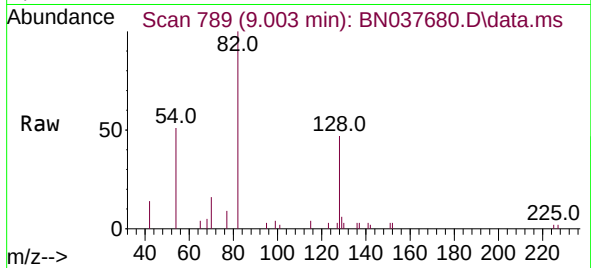




#8
Nitrobenzene-d5
Concen: 0.423 ng
RT: 9.003 min Scan# 788
Delta R.T. 0.011 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

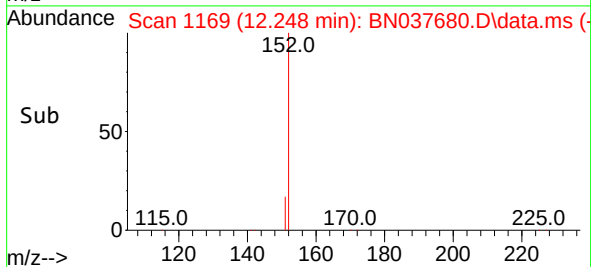
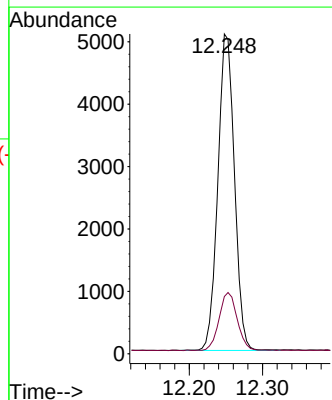
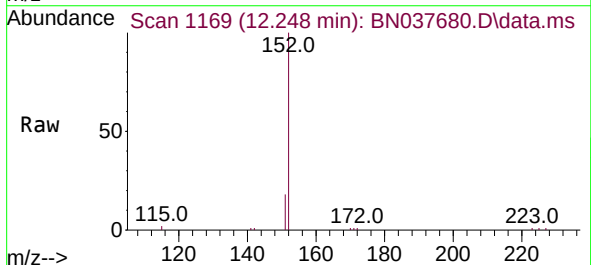
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

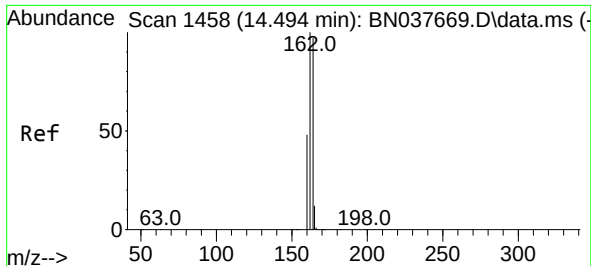
Tgt Ion: 82 Resp: 3692
Ion Ratio Lower Upper
82 100
128 46.6 34.3 51.5
54 51.0 45.5 68.3



#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.248 min Scan# 1169
Delta R.T. 0.005 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion: 152 Resp: 7971
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1

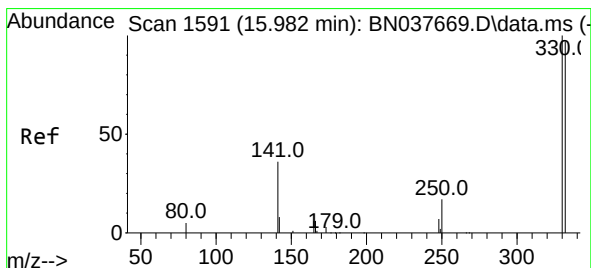
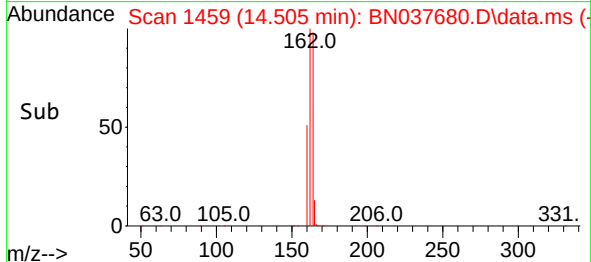
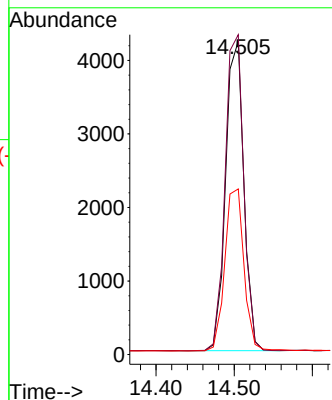
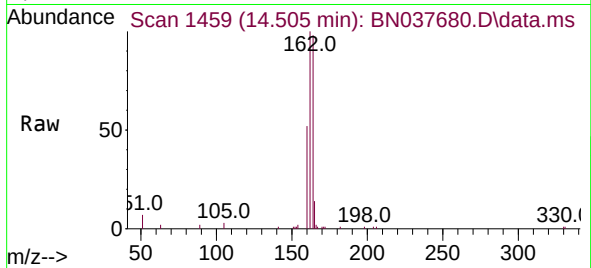




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.505 min Scan# 1459
Delta R.T. 0.011 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

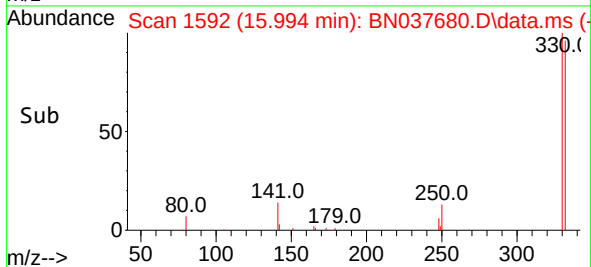
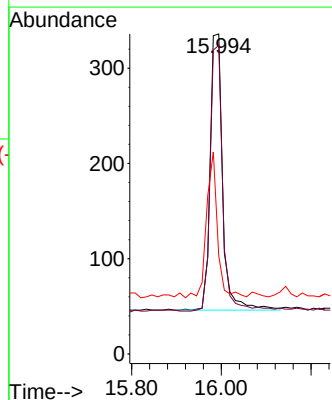
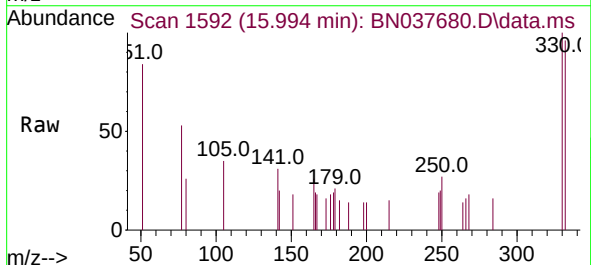
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LOQ-WATER-02-QT3-2025

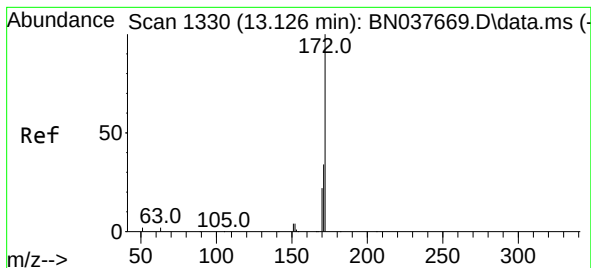
Tgt Ion:164 Resp: 6820
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 52.9 39.7 59.5



#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.994 min Scan# 1592
Delta R.T. 0.013 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:330 Resp: 566
Ion Ratio Lower Upper
330 100
332 96.5 78.8 118.2
141 45.9 37.8 56.6





#15

2-Fluorobiphenyl

Concen: 0.404 ng

RT: 13.126 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BN037680.D

Acq: 10 Sep 2025 12:55

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2025

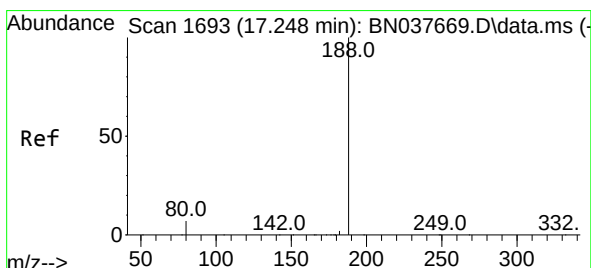
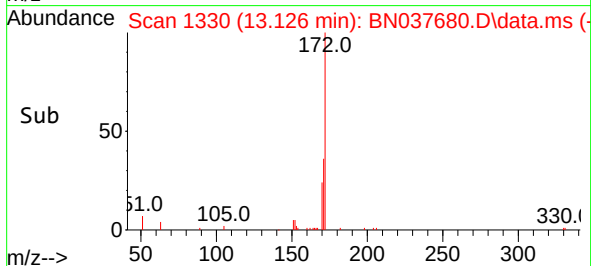
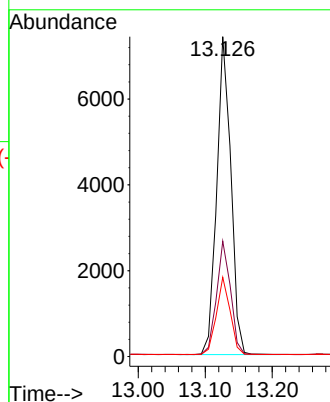
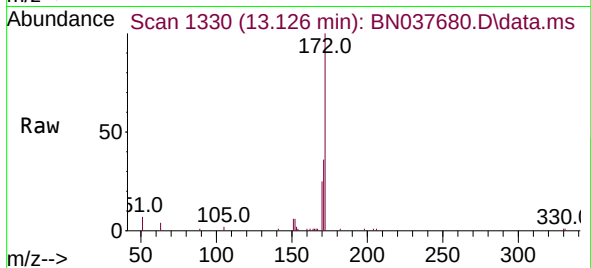
Tgt Ion:172 Resp: 10847

Ion Ratio Lower Upper

172 100

171 36.1 27.8 41.8

170 24.8 18.4 27.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.248 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BN037680.D

Acq: 10 Sep 2025 12:55

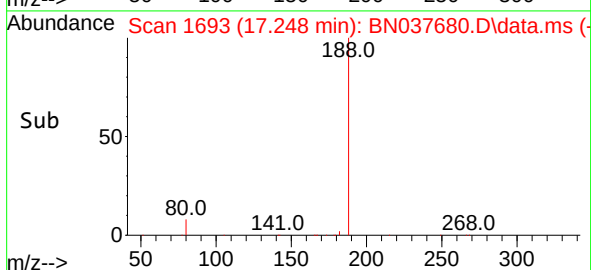
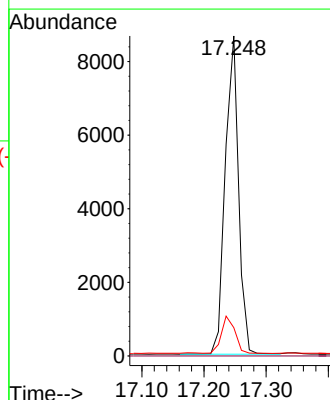
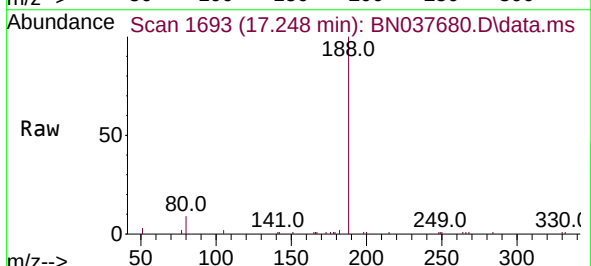
Tgt Ion:188 Resp: 12893

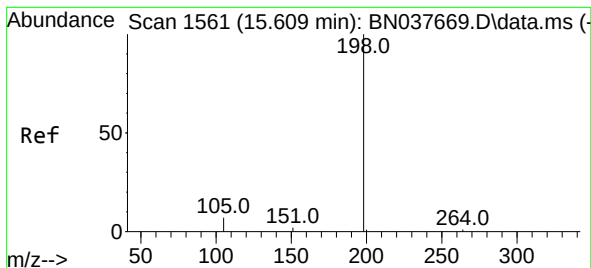
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 6.3 9.5

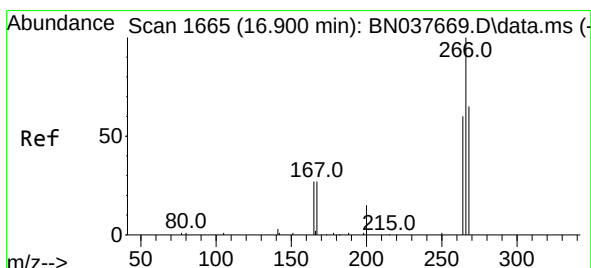
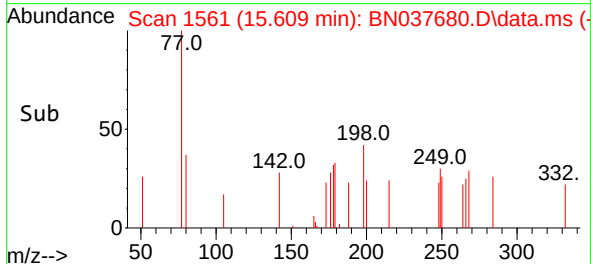
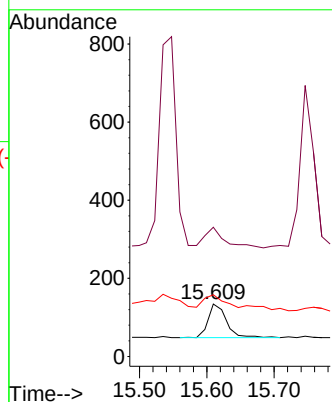
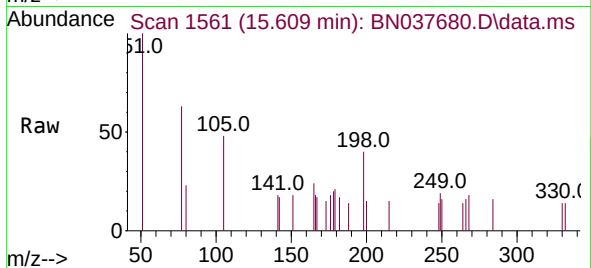




#20
4,6-Dinitro-2-methylphenol
Concen: 0.228 ng
RT: 15.609 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

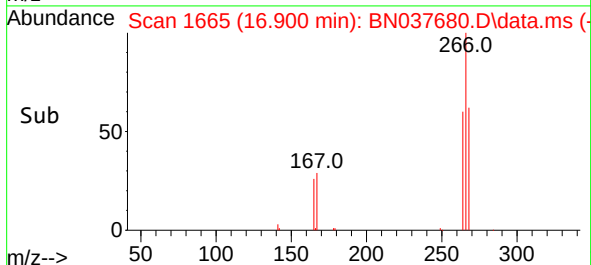
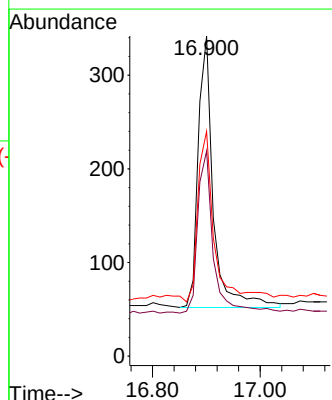
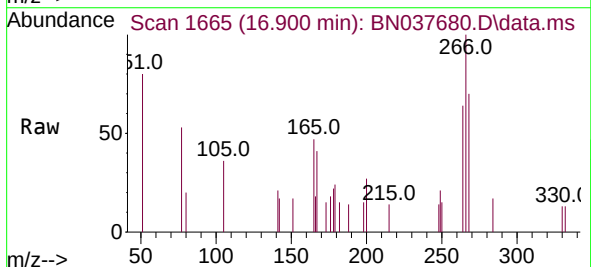
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

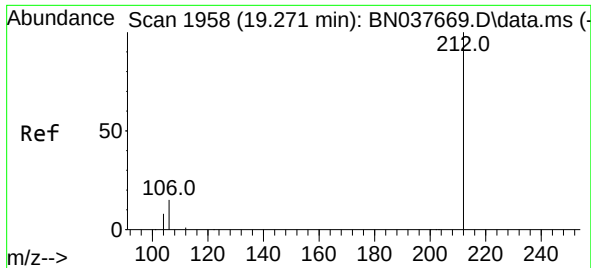
Tgt Ion:198 Resp: 164
Ion Ratio Lower Upper
198 100
51 247.0 144.8 217.2#
105 117.9 110.7 166.1



#24
Pentachlorophenol
Concen: 0.188 ng
RT: 16.900 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:266 Resp: 564
Ion Ratio Lower Upper
266 100
264 59.6 49.7 74.5
268 64.9 48.7 73.1

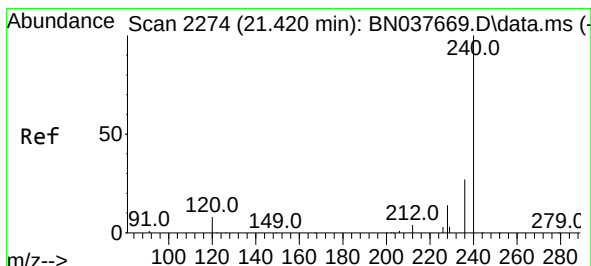
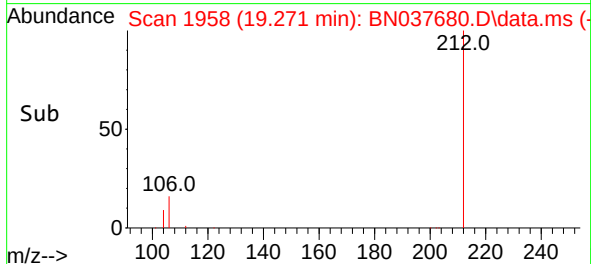
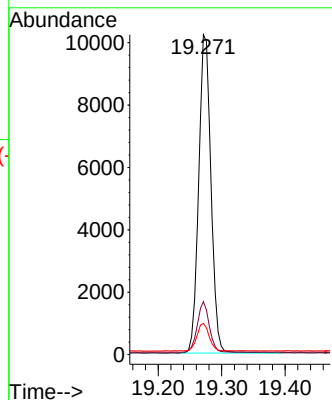
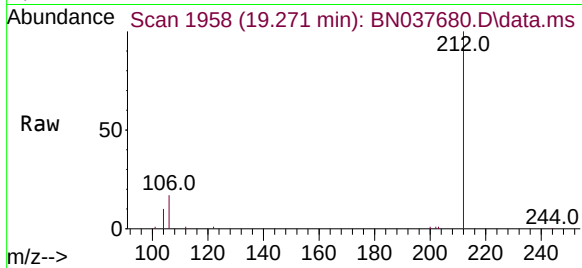




#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.271 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

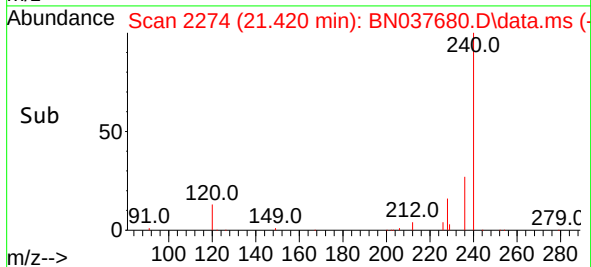
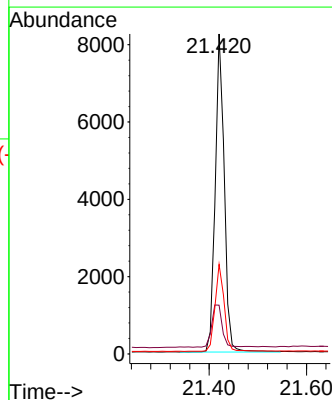
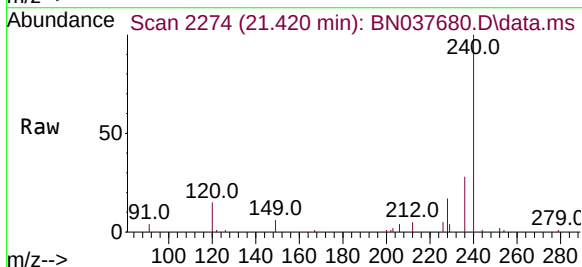
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2025

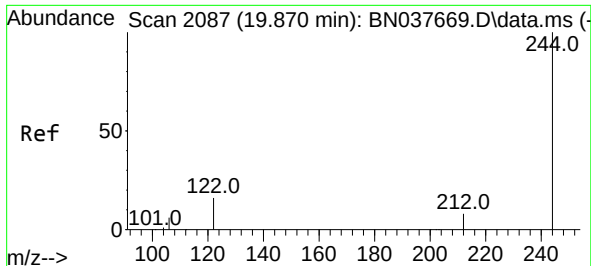
Tgt Ion:212 Resp: 13712
Ion Ratio Lower Upper
212 100
106 15.4 11.8 17.6
104 8.5 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:240 Resp: 10626
Ion Ratio Lower Upper
240 100
120 15.2 8.5 12.7#
236 28.0 22.5 33.7

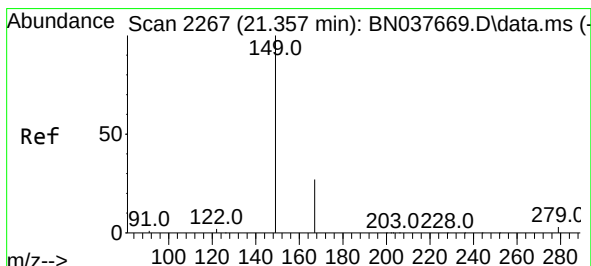
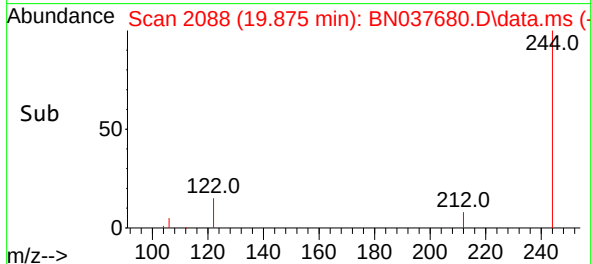
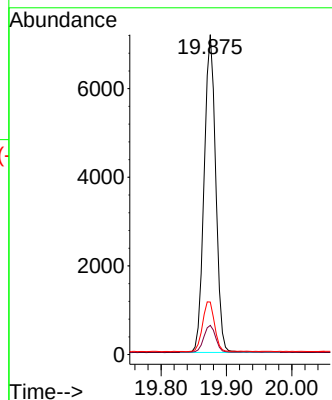
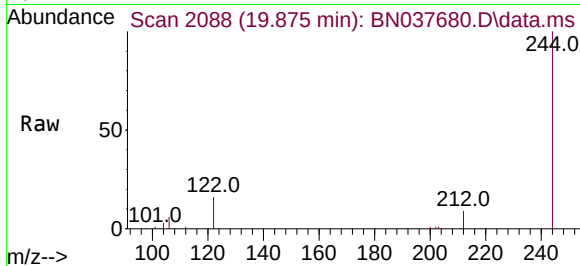




#31
 Terphenyl-d14
 Concen: 0.393 ng
 RT: 19.875 min Scan# 2087
 Delta R.T. 0.005 min
 Lab File: BN037680.D
 Acq: 10 Sep 2025 12:55

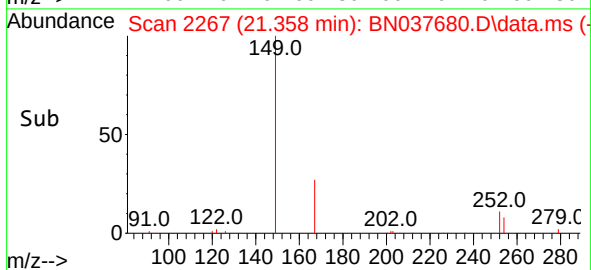
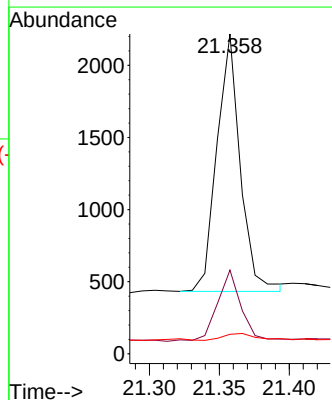
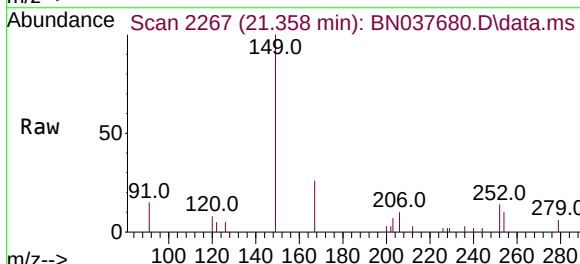
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

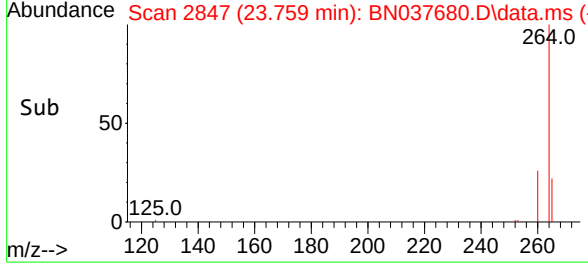
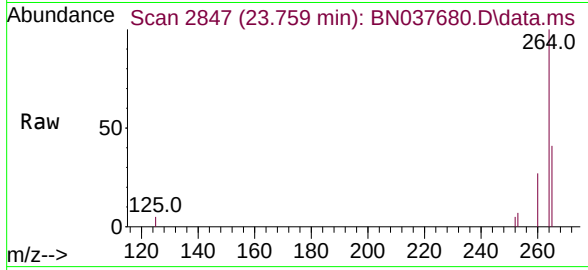
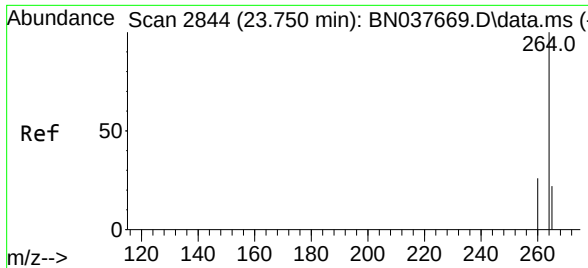
Tgt Ion:244 Resp: 8806
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.0 10.4
 122 16.4 13.4 20.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.197 ng
 RT: 21.358 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BN037680.D
 Acq: 10 Sep 2025 12:55

Tgt Ion:149 Resp: 2073
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.4 32.0
 279 4.4 2.6 3.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.759 min Scan# 2847
 Delta R.T. 0.009 min
 Lab File: BN037680.D
 Acq: 10 Sep 2025 12:55

Instrument : BNA_N
 ClientSampleId : LOQ-WATER-02-QT3-2025

Tgt Ion:	264	Resp:	10909
Ion Ratio	Lower	Upper	
264	100		
260	26.8	21.2	31.8
265	41.0	28.2	42.4

