

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064256.D
 Acq On : 3 Sep 2025 16:26
 Operator : RC/JU
 Sample : Q2126-08
 Misc : LOQ-WATER 2.5PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 03 17:02:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

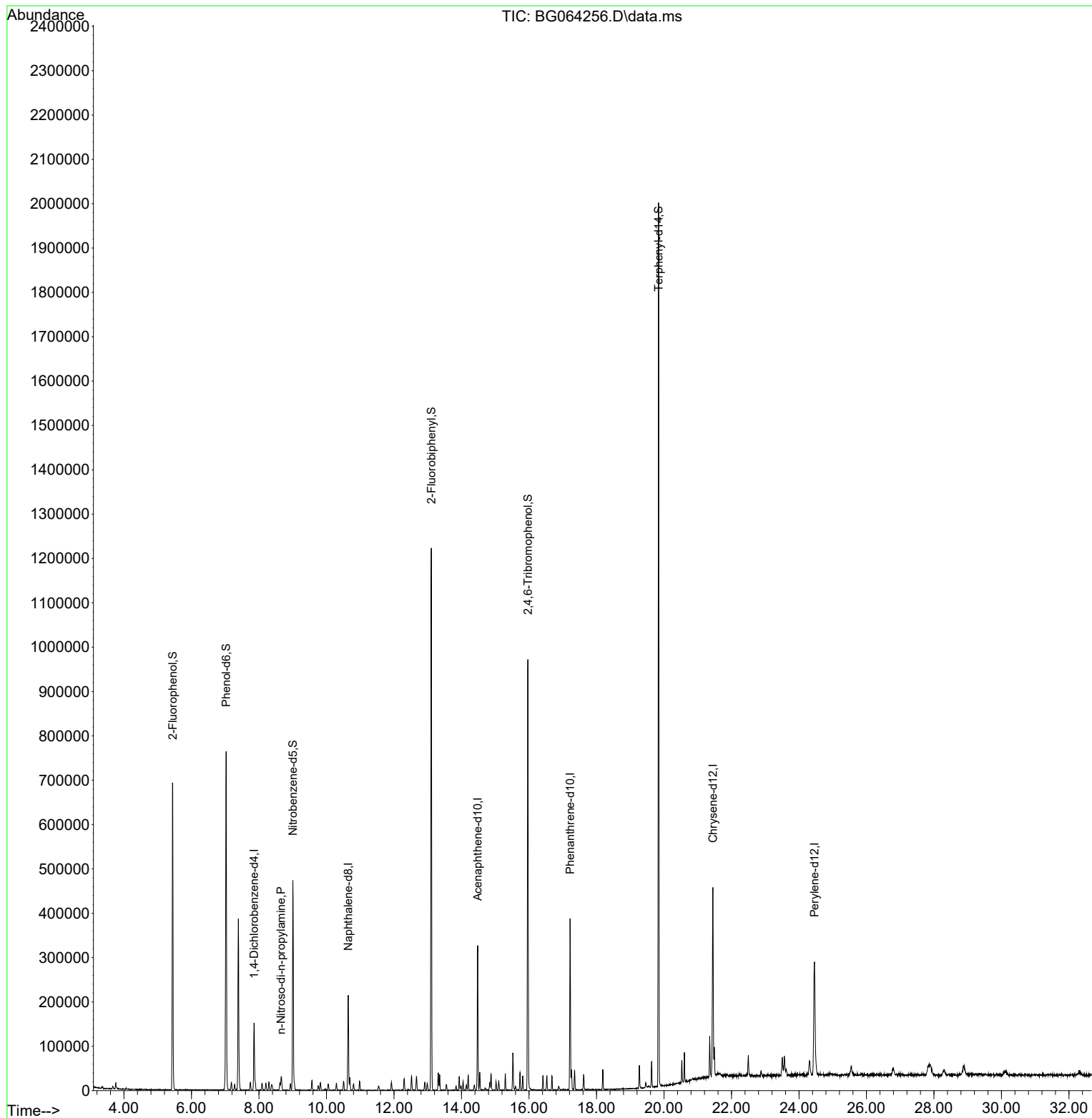
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	37515	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	168448	20.000	ng	# 0.00
39) Acenaphthene-d10	14.482	164	112182	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	227528	20.000	ng	0.00
76) Chrysene-d12	21.450	240	238856	20.000	ng	0.00
86) Perylene-d12	24.458	264	259012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	274934	131.483	ng	0.00
7) Phenol-d6	7.026	99	383540	133.511	ng	0.00
23) Nitrobenzene-d5	9.006	82	249333	82.550	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	177655	119.560	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	590296	80.316	ng	0.00
79) Terphenyl-d14	19.840	244	908474	79.353	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.653	70	5181	2.357	ng	# 96

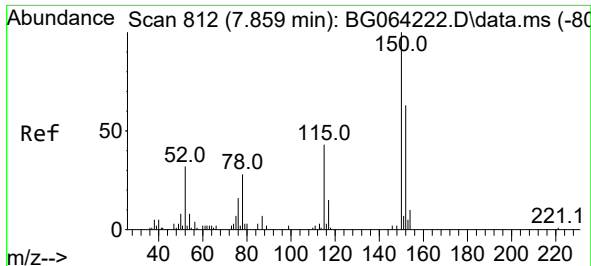
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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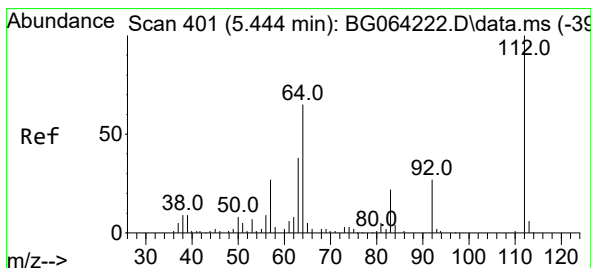
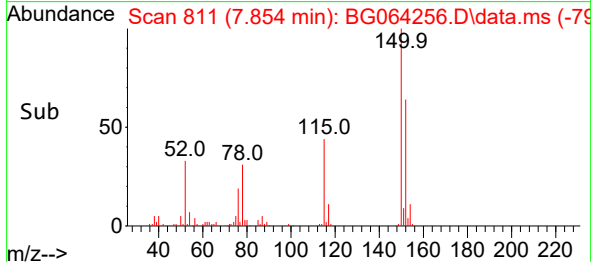
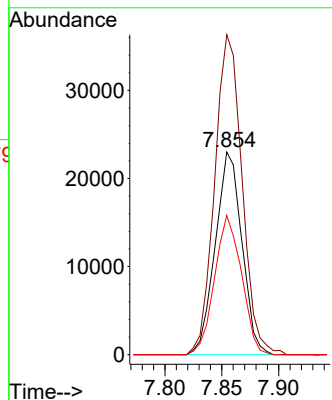
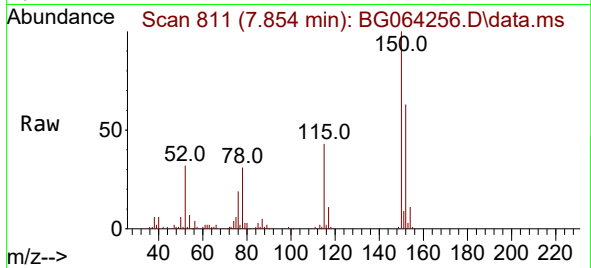




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG064256.D
Acq: 3 Sep 2025 16:26

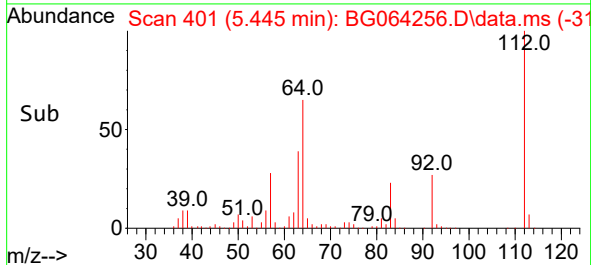
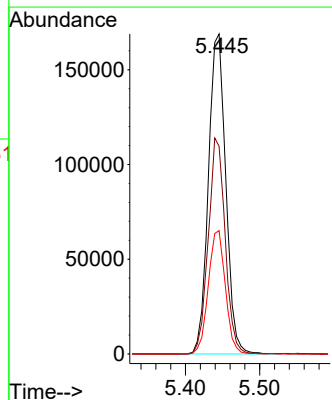
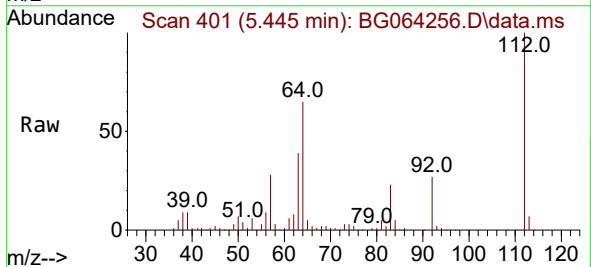
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2025

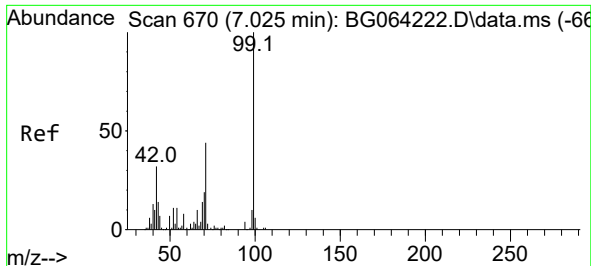
Tgt Ion:152 Resp: 37515
Ion Ratio Lower Upper
152 100
150 157.9 128.0 192.0
115 68.7 55.7 83.5



#5
2-Fluorophenol
Concen: 131.483 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.001 min
Lab File: BG064256.D
Acq: 3 Sep 2025 16:26

Tgt Ion:112 Resp: 274934
Ion Ratio Lower Upper
112 100
64 64.9 51.8 77.6
63 38.5 30.6 45.8

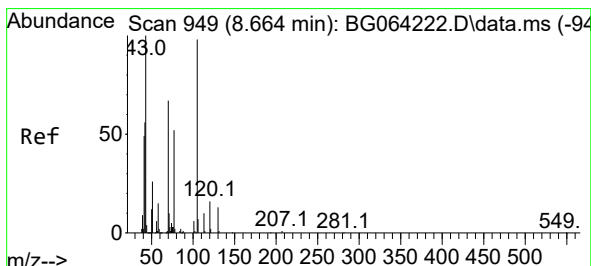
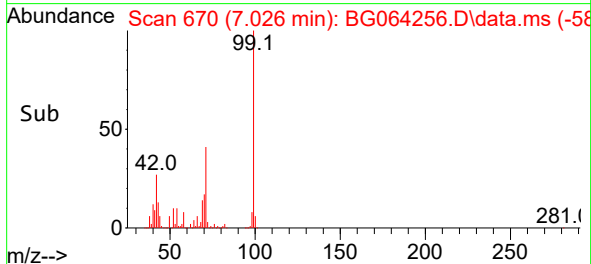
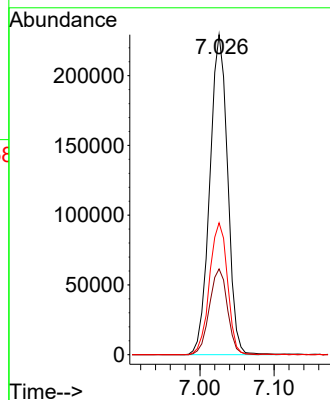
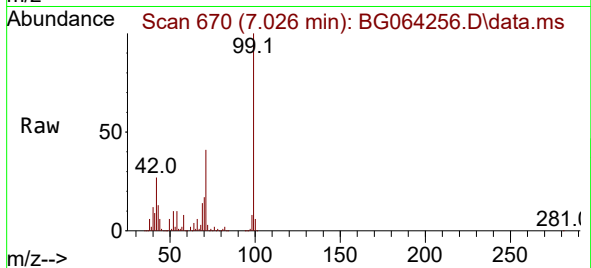




#7
Phenol-d6
Concen: 133.511 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064256.D
Acq: 3 Sep 2025 16:26

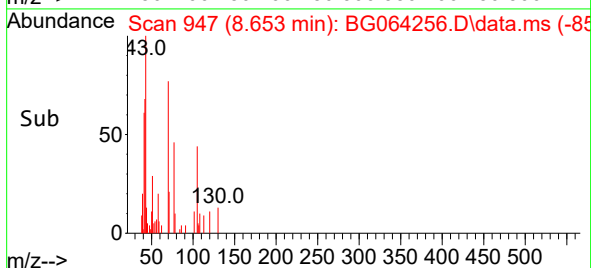
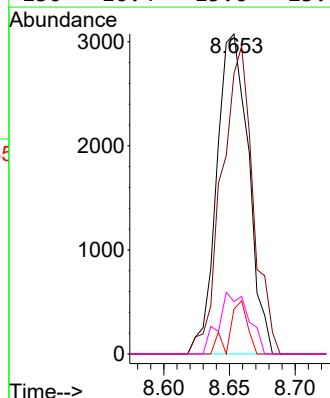
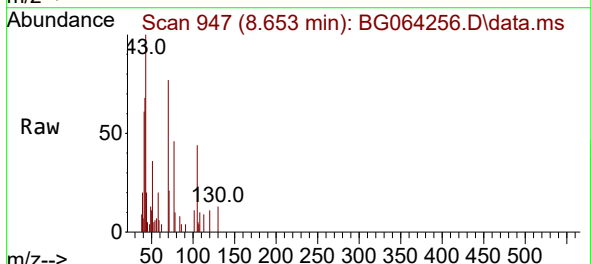
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2025

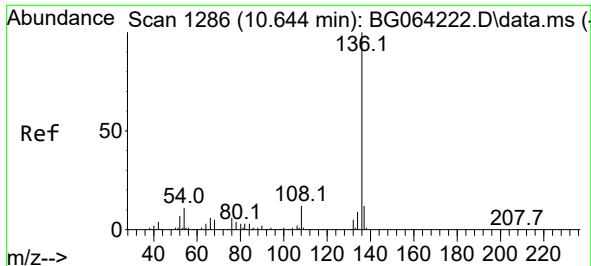
Tgt Ion: 99 Resp: 383540
Ion Ratio Lower Upper
99 100
42 26.8 25.8 38.8
71 41.2 35.2 52.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.357 ng
RT: 8.653 min Scan# 947
Delta R.T. -0.011 min
Lab File: BG064256.D
Acq: 3 Sep 2025 16:26

Tgt Ion: 70 Resp: 5181
Ion Ratio Lower Upper
70 100
42 87.6 67.9 101.9
101 14.0 7.3 10.9#
130 16.4 15.6 23.4

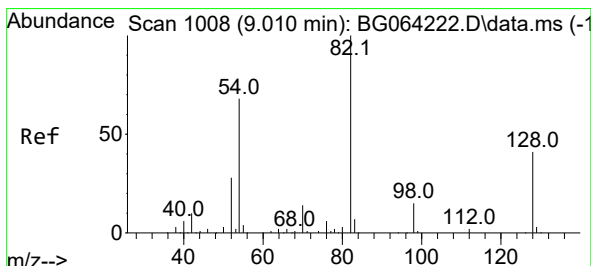
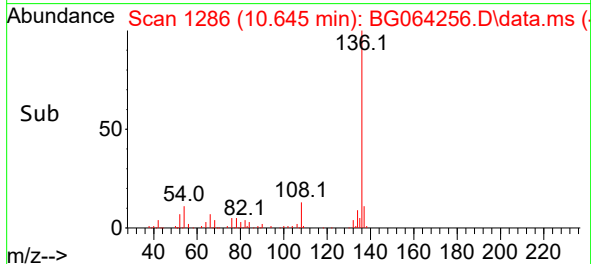
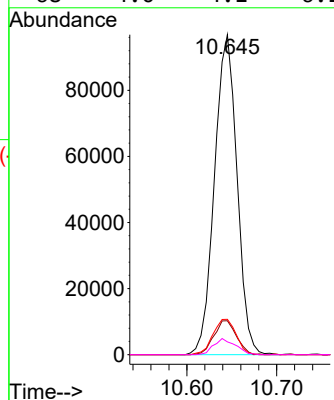
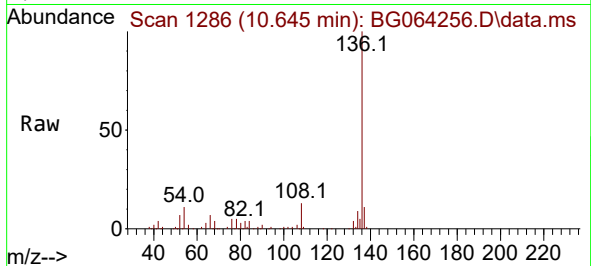




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064256.D
Acq: 3 Sep 2025 16:26

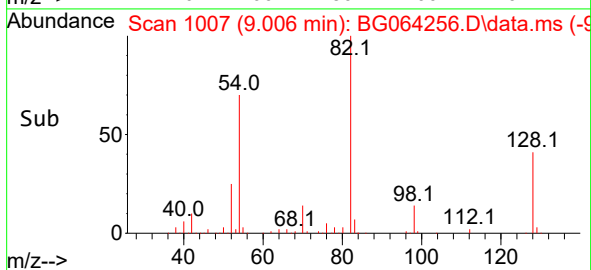
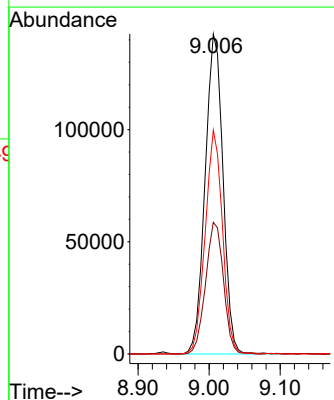
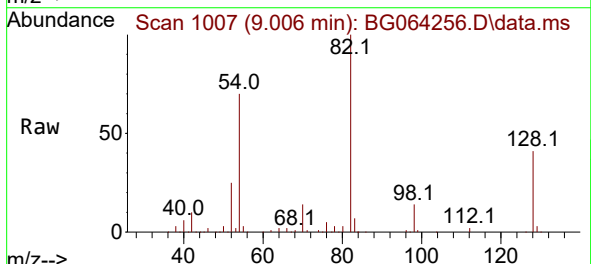
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT2-2025

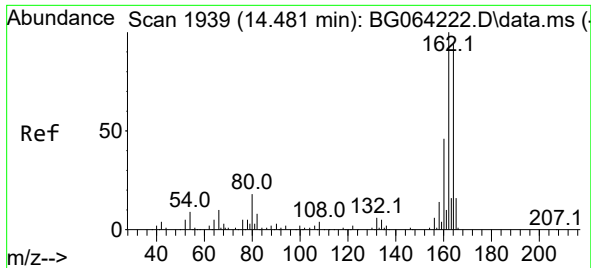
Tgt Ion:136 Resp: 168448
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 11.0 8.8 13.2
68 4.0 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 82.550 ng
RT: 9.006 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG064256.D
Acq: 3 Sep 2025 16:26

Tgt Ion: 82 Resp: 249333
Ion Ratio Lower Upper
82 100
128 41.1 32.6 48.8
54 70.0 54.7 82.1

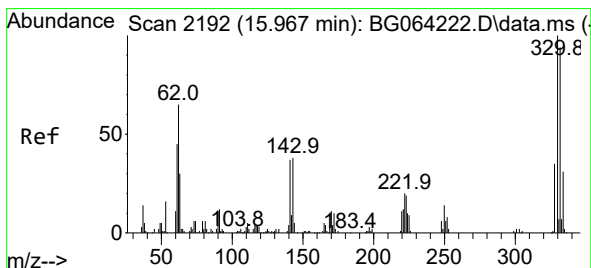
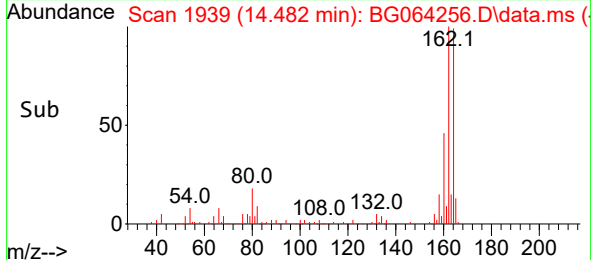
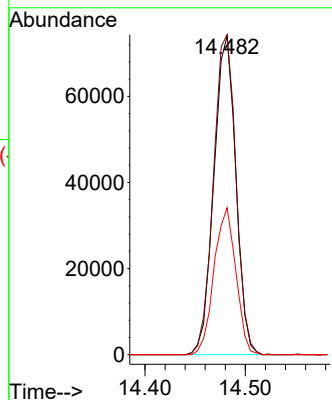
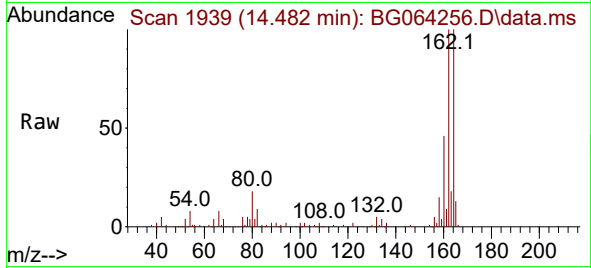




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG064256.D
Acq: 3 Sep 2025 16:26

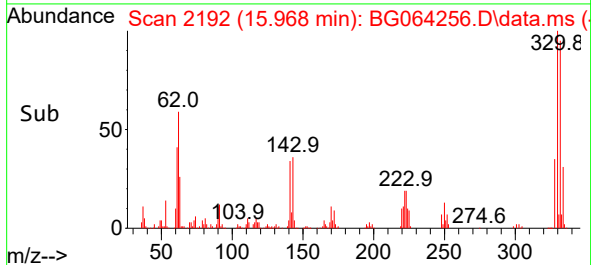
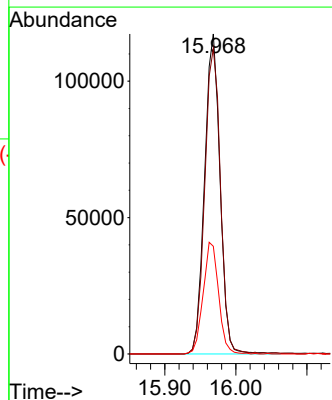
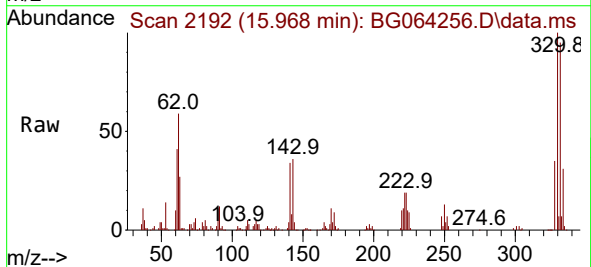
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2025

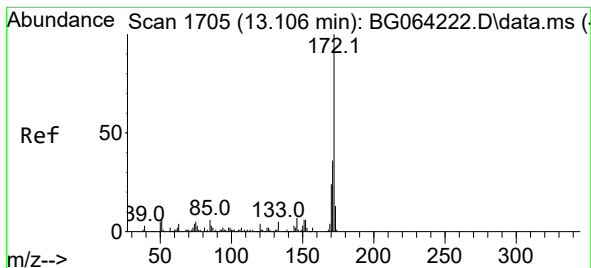
Tgt Ion:164 Resp: 112182
Ion Ratio Lower Upper
164 100
162 100.5 85.4 128.0
160 46.1 39.2 58.8



#42
2,4,6-Tribromophenol
Concen: 119.560 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064256.D
Acq: 3 Sep 2025 16:26

Tgt Ion:330 Resp: 177655
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 34.9 29.8 44.6





#45

2-Fluorobiphenyl

Concen: 80.316 ng

RT: 13.107 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064256.D

Acq: 3 Sep 2025 16:26

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2025

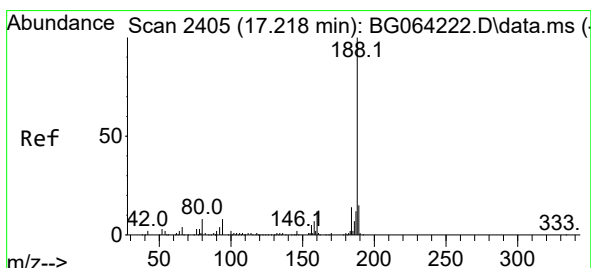
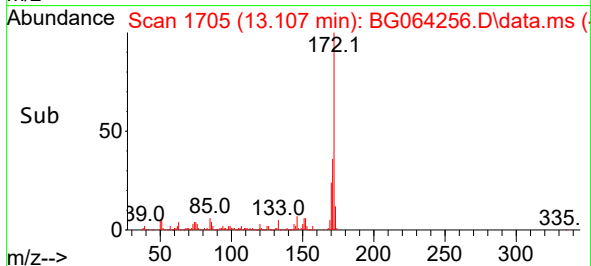
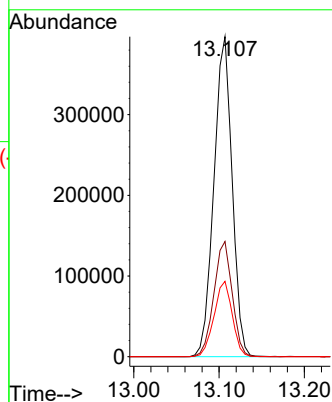
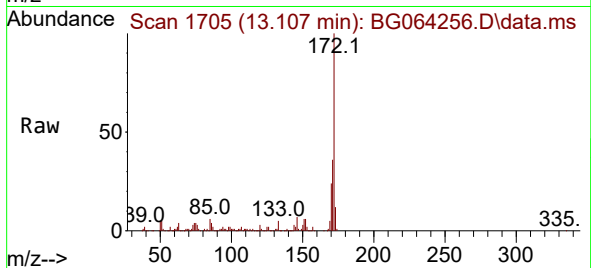
Tgt Ion:172 Resp: 590296

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.5 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.220 min Scan# 2405

Delta R.T. -0.005 min

Lab File: BG064256.D

Acq: 3 Sep 2025 16:26

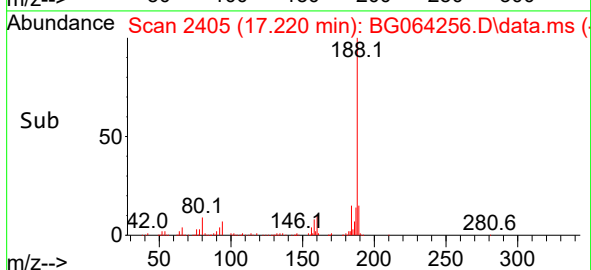
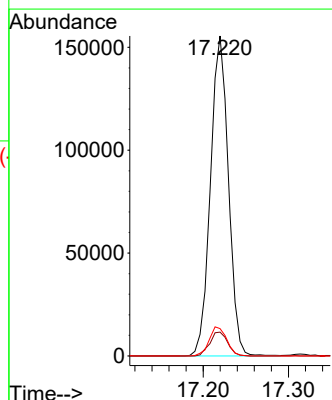
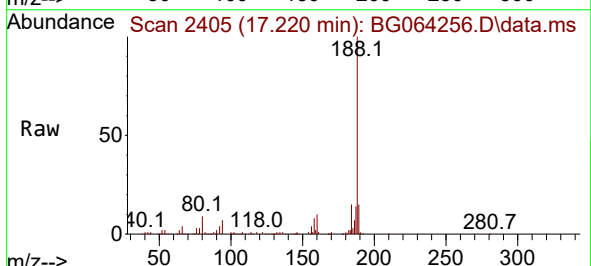
Tgt Ion:188 Resp: 227528

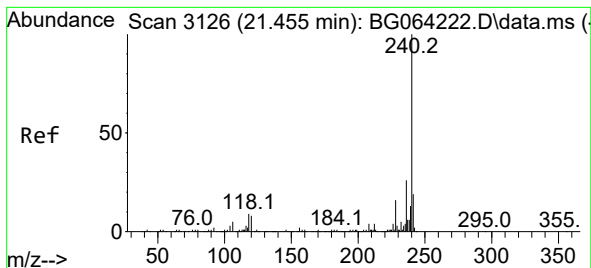
Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

80 8.5 6.8 10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG064256.D

Acq: 3 Sep 2025 16:26

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2025

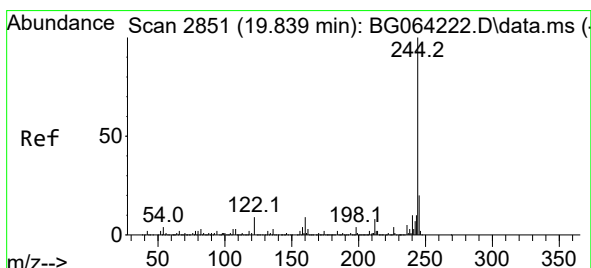
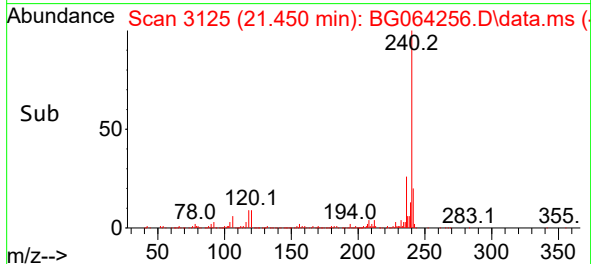
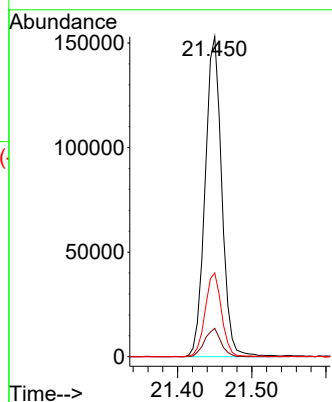
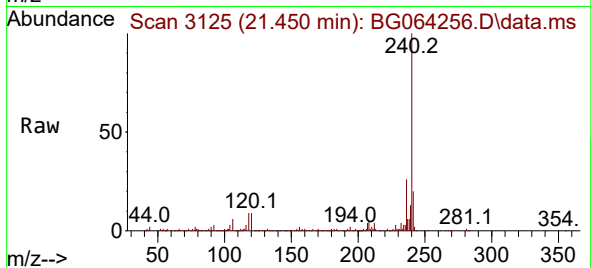
Tgt Ion:240 Resp: 238856

Ion Ratio Lower Upper

240 100

120 8.8 6.2 9.4

236 26.1 20.5 30.7



#79

Terphenyl-d14

Concen: 79.353 ng

RT: 19.840 min Scan# 2851

Delta R.T. -0.005 min

Lab File: BG064256.D

Acq: 3 Sep 2025 16:26

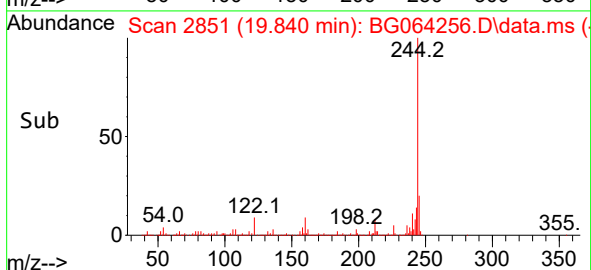
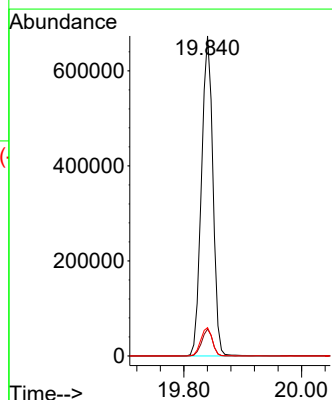
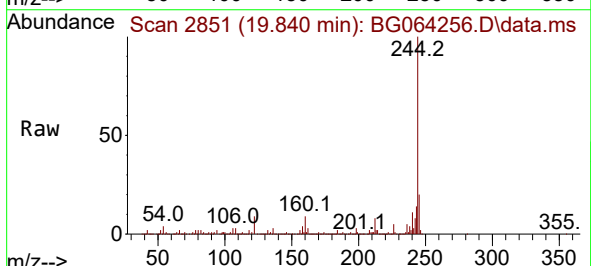
Tgt Ion:244 Resp: 908474

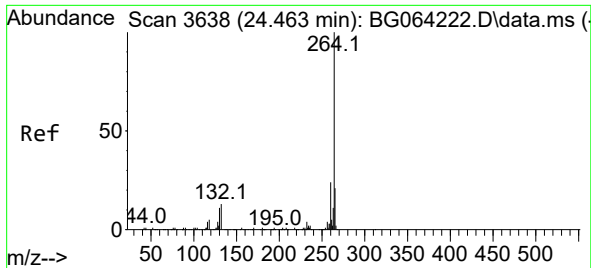
Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 8.9 7.0 10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG064256.D
Acq: 3 Sep 2025 16:26

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

Tgt Ion:264 Resp: 259012

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	21.3	16.7	25.1

