

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064817.D
 Acq On : 19 Nov 2025 15:57
 Operator : RC/JU
 Sample : Q3530-08
 Misc : LOQ-WATER-2.5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 19 16:33:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

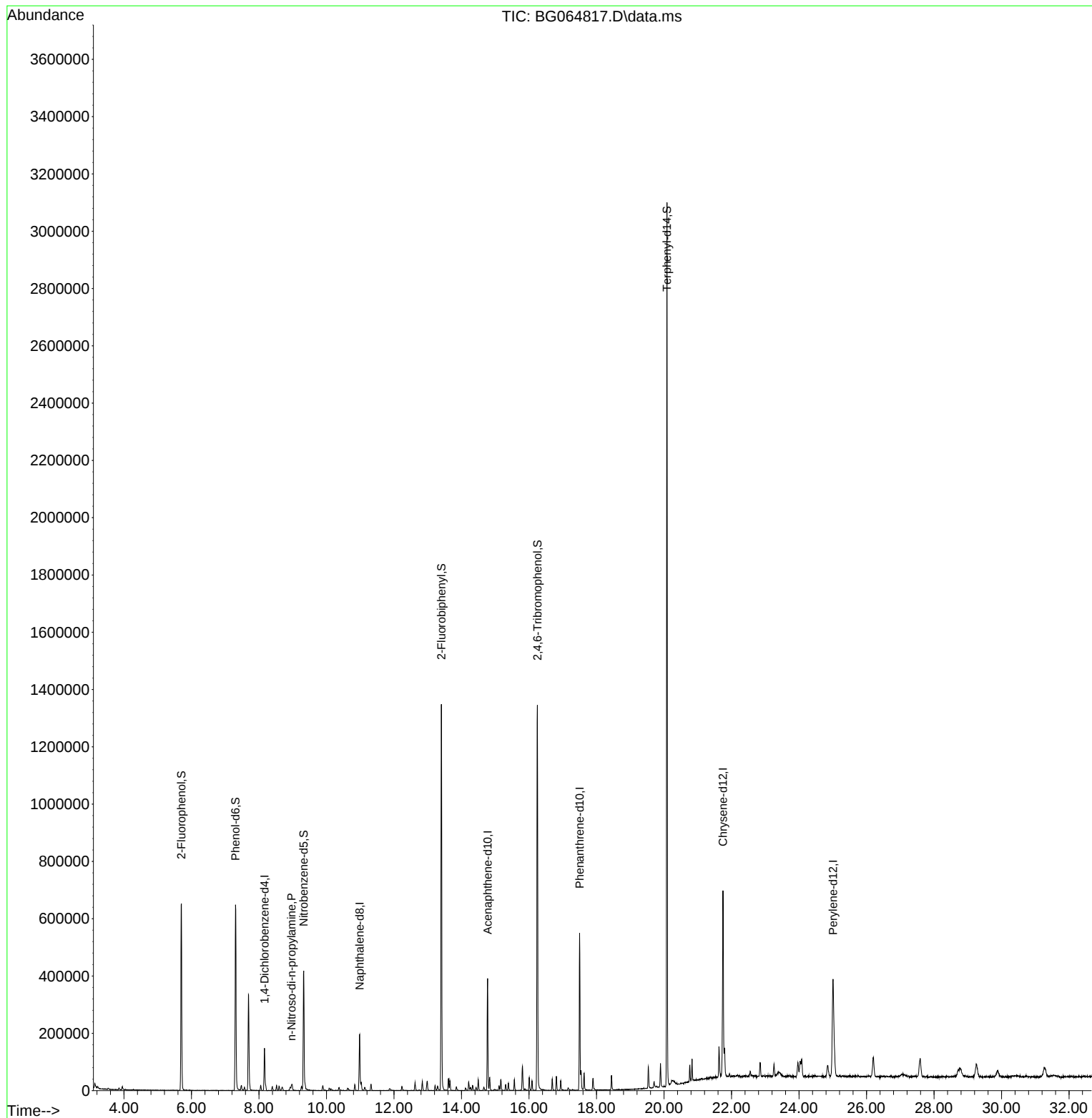
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	44497	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	177607	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	150709	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	371324	20.000	ng	0.00
76) Chrysene-d12	21.748	240	443925	20.000	ng	# 0.00
86) Perylene-d12	25.009	264	425566	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	291003	114.200	ng	0.00
7) Phenol-d6	7.306	99	386865	114.146	ng	0.00
23) Nitrobenzene-d5	9.327	82	258462	71.952	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	341932	116.331	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	748587	69.308	ng	0.00
79) Terphenyl-d14	20.091	244	1720879	76.254	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.963	70	5039	2.199	ng	Qvalue # 92

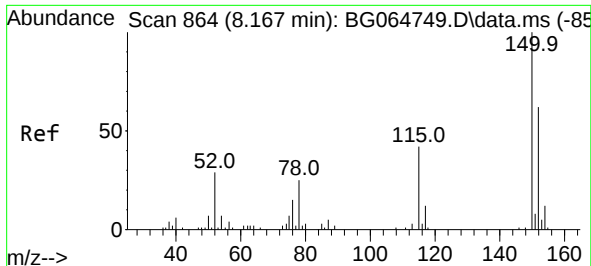
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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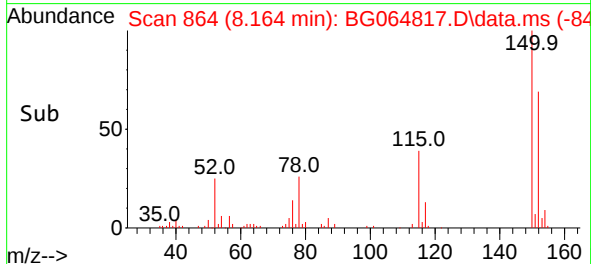
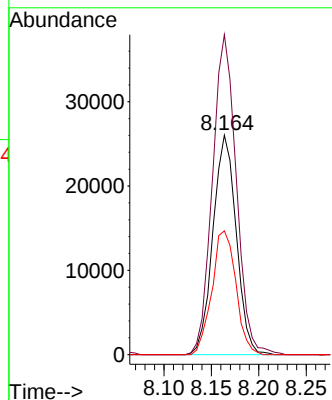
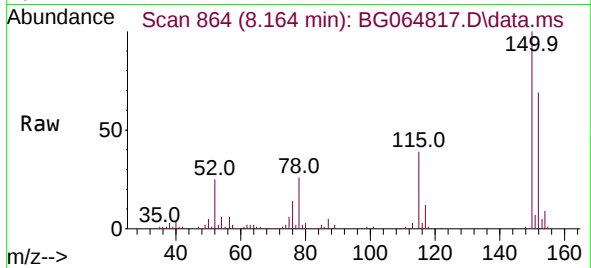




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: BG064817.D
 Acq: 19 Nov 2025 15:57

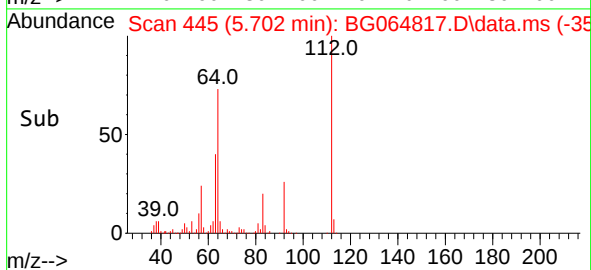
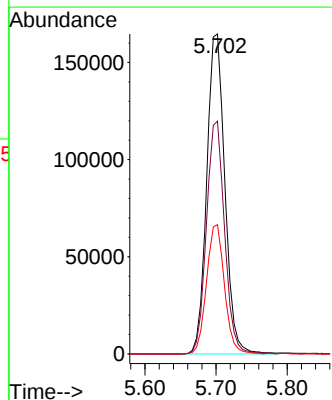
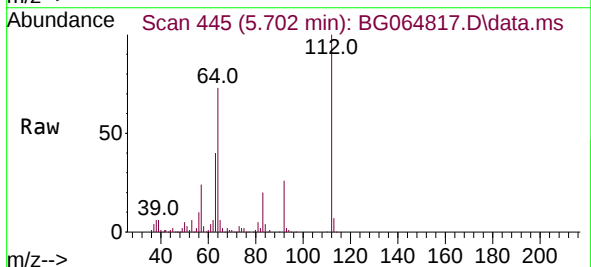
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

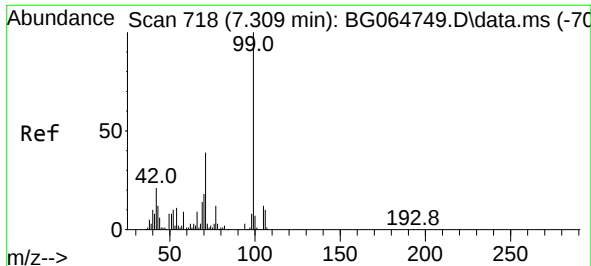
Tgt Ion:152 Resp: 44497
 Ion Ratio Lower Upper
 152 100
 150 145.8 129.2 193.8
 115 56.4 53.7 80.5



#5
 2-Fluorophenol
 Concen: 114.200 ng
 RT: 5.702 min Scan# 445
 Delta R.T. 0.002 min
 Lab File: BG064817.D
 Acq: 19 Nov 2025 15:57

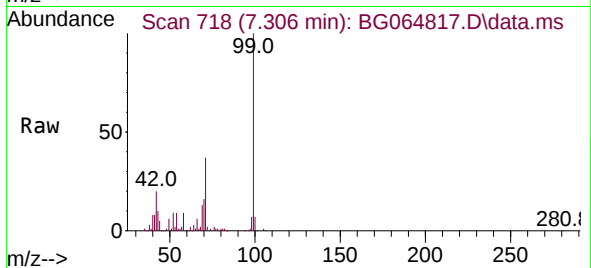
Tgt Ion:112 Resp: 291003
 Ion Ratio Lower Upper
 112 100
 64 72.8 61.0 91.4
 63 40.4 33.3 49.9



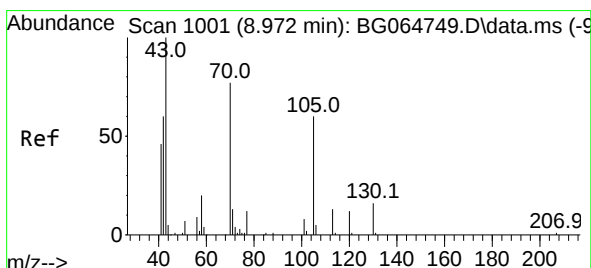
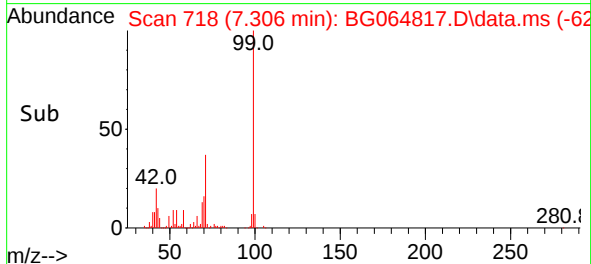
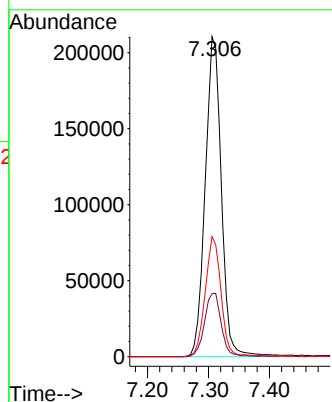


#7
Phenol-d6
Concen: 114.146 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

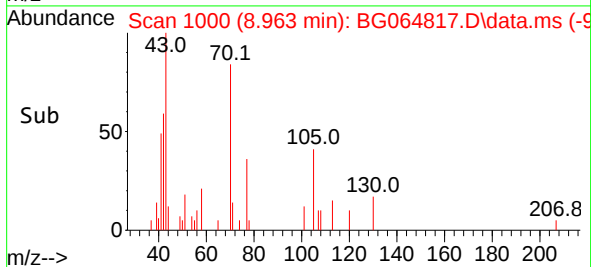
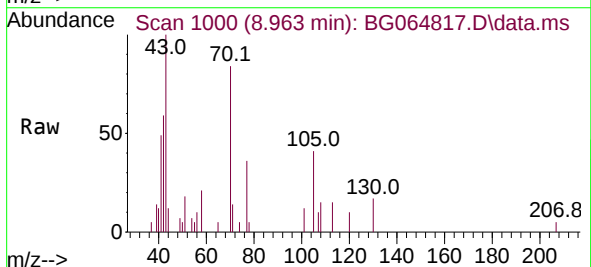
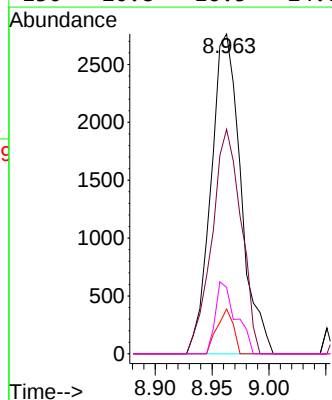


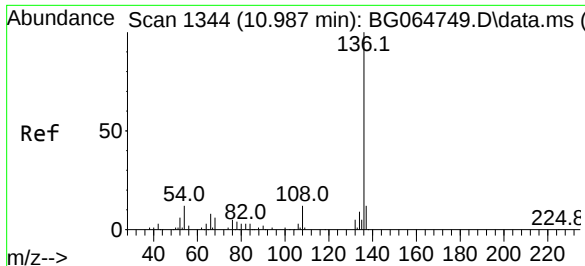
Tgt Ion: 99 Resp: 386865
Ion Ratio Lower Upper
99 100
42 19.7 16.8 25.2
71 37.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.199 ng
RT: 8.963 min Scan# 1000
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion: 70 Resp: 5039
Ion Ratio Lower Upper
70 100
42 70.2 62.6 93.8
101 14.0 8.0 12.0#
130 20.8 16.5 24.7

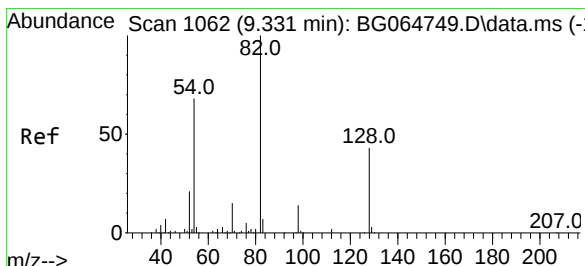
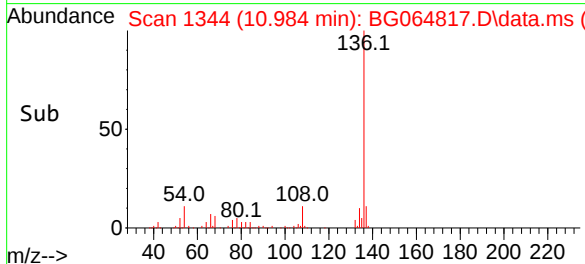
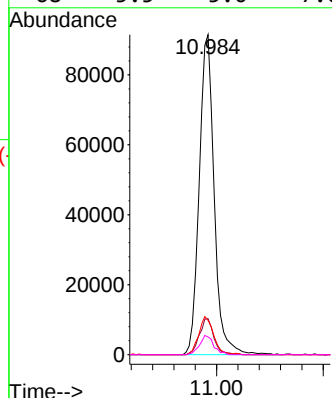
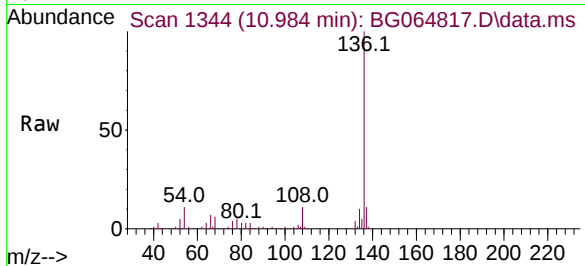




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

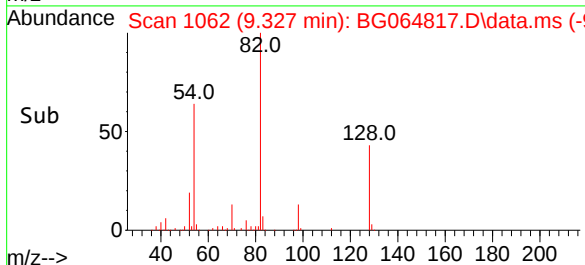
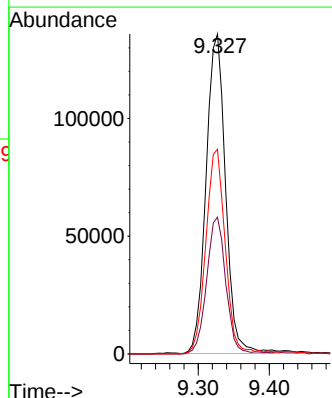
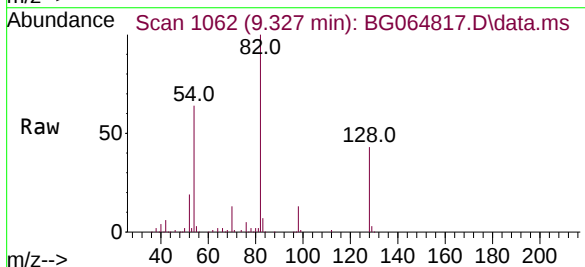
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

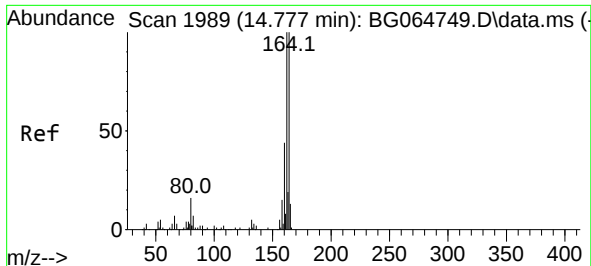
Tgt Ion:136	Resp: 177607
Ion Ratio	Lower Upper
136 100	
137 11.2	9.3 13.9
54 10.7	9.3 13.9
68 5.5	5.0 7.6



#23
Nitrobenzene-d5
Concen: 71.952 ng
RT: 9.327 min Scan# 1062
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion: 82	Resp: 258462
Ion Ratio	Lower Upper
82 100	
128 42.7	34.1 51.1
54 64.0	54.3 81.5

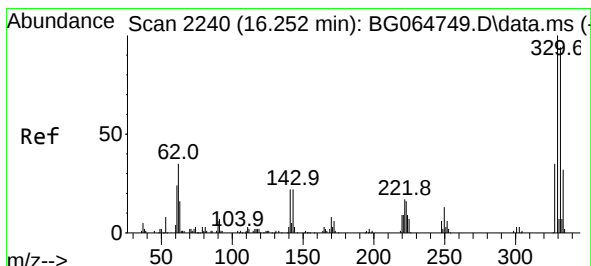
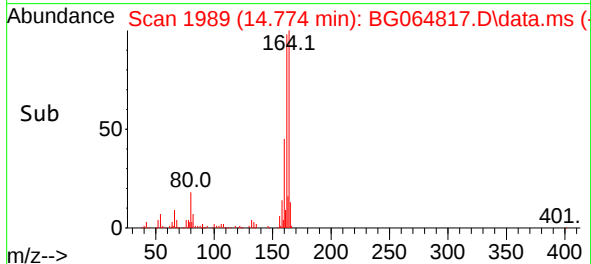
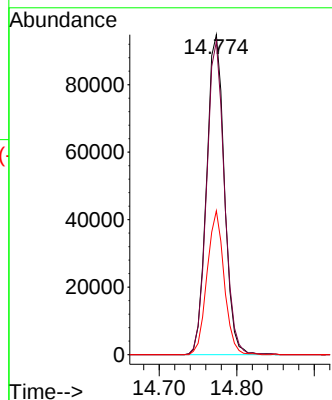
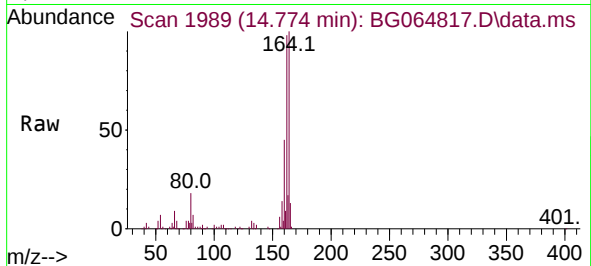




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

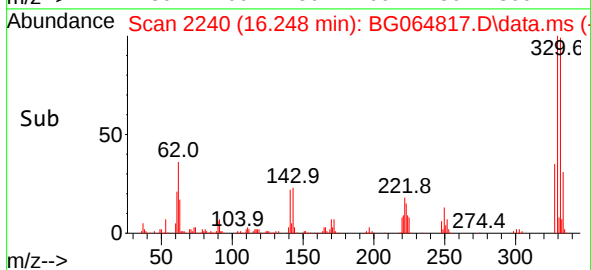
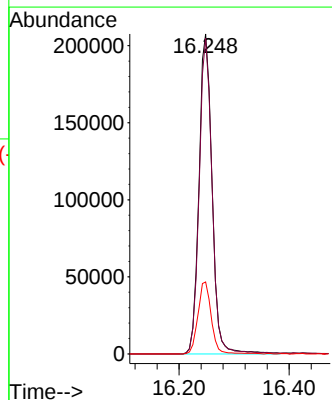
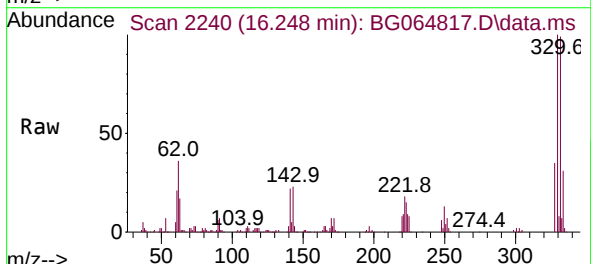
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BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2025

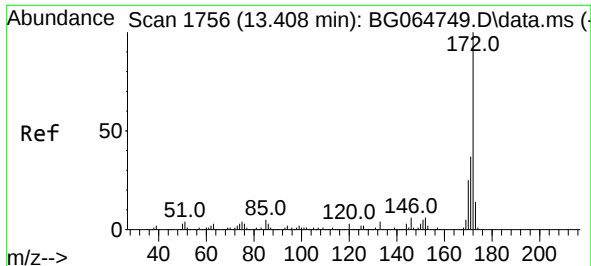
Tgt Ion:164 Resp: 150709
Ion Ratio Lower Upper
164 100
162 97.8 79.8 119.6
160 44.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 116.331 ng
RT: 16.248 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:330 Resp: 341932
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 22.9 18.2 27.2

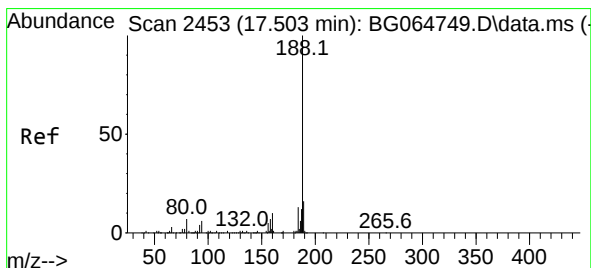
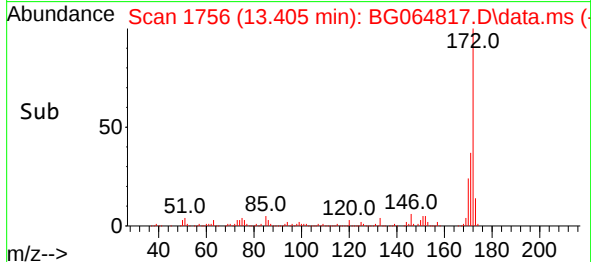
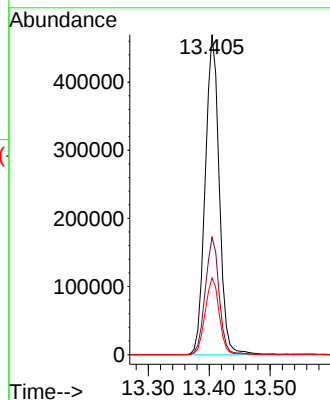
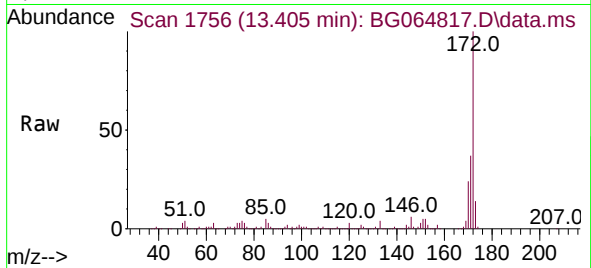




#45
2-Fluorobiphenyl
Concen: 69.308 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

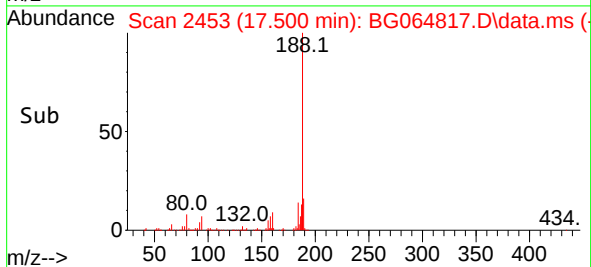
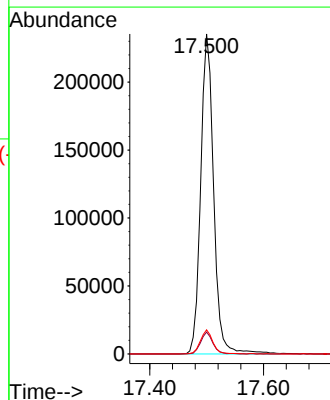
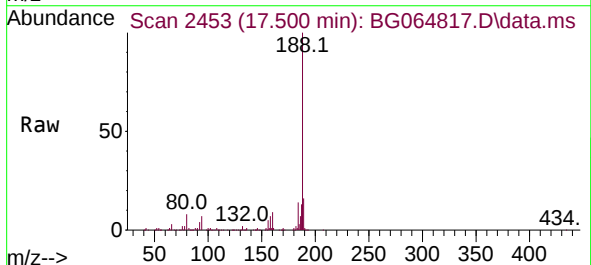
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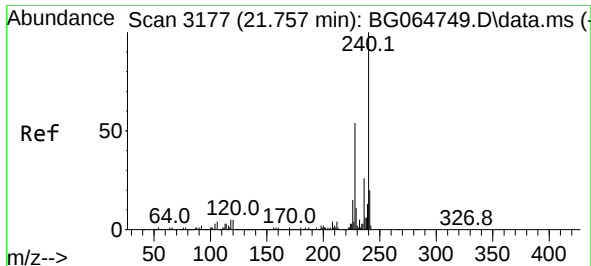
Tgt Ion:172 Resp: 748587
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.0 19.8 29.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:188 Resp: 371324
Ion Ratio Lower Upper
188 100
94 6.8 4.7 7.1
80 7.5 5.4 8.2

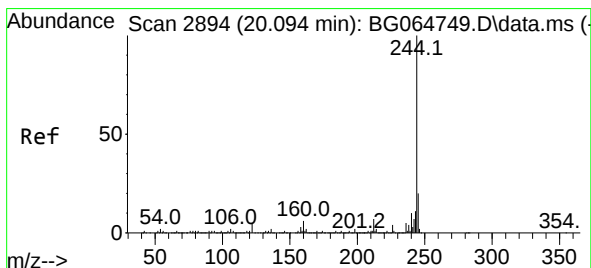
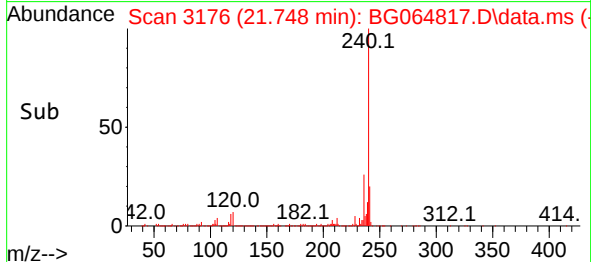
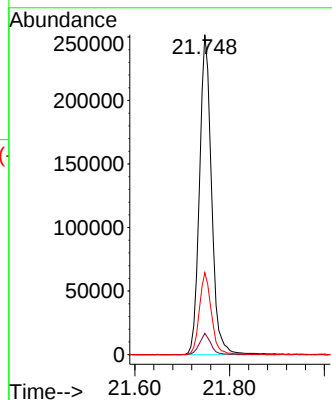
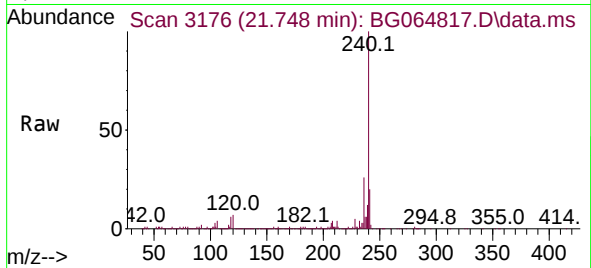




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3177
Delta R.T. -0.009 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

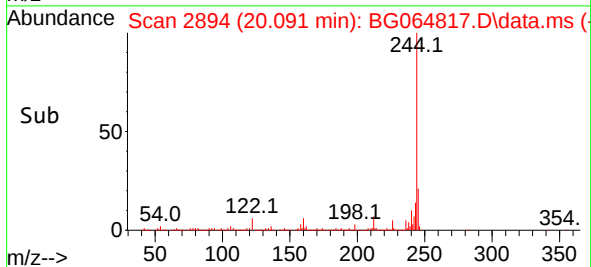
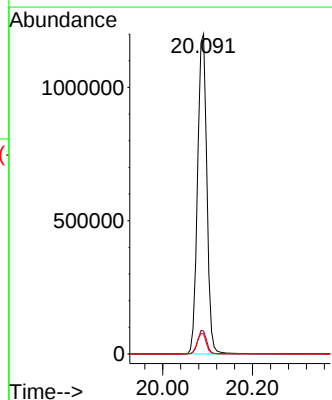
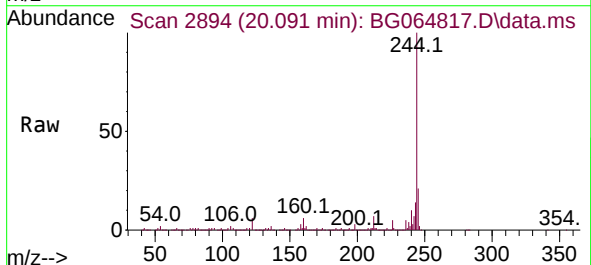
Instrument :
BNA_G
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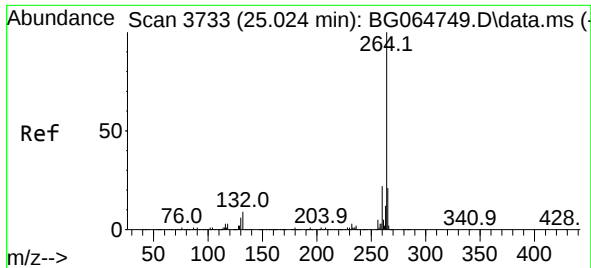
Tgt Ion:240 Resp: 443925
Ion Ratio Lower Upper
240 100
120 6.6 4.2 6.4#
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 76.254 ng
RT: 20.091 min Scan# 2894
Delta R.T. -0.004 min
Lab File: BG064817.D
Acq: 19 Nov 2025 15:57

Tgt Ion:244 Resp: 1720879
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 6.3 4.3 6.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.009 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BG064817.D
 Acq: 19 Nov 2025 15:57

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Tgt Ion:264	Resp:	425566
Ion Ratio	Lower	Upper
264	100	
260	25.3	17.2 25.8
265	22.5	16.6 25.0

