

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060100.D
 Acq On : 20 Dec 2023 12:00
 Operator : MA/JU
 Sample : PB157861BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157861BL

Quant Time: Dec 20 13:00:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

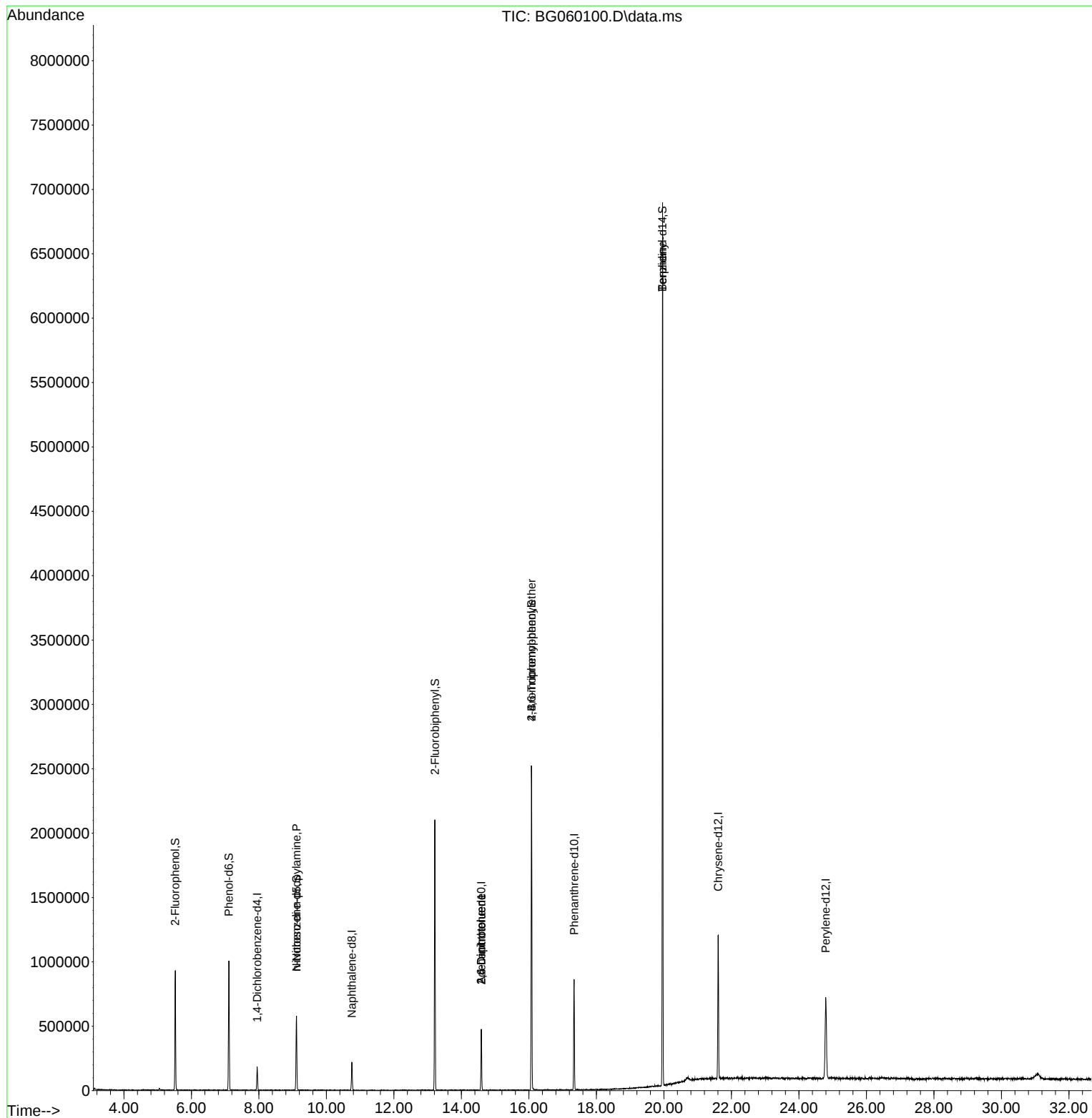
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	44140	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	161412	20.000	ng	# 0.00
39) Acenaphthene-d10	14.589	164	163009	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	597647	20.000	ng	# 0.00
76) Chrysene-d12	21.604	240	774439	20.000	ng	#-0.01
86) Perylene-d12	24.794	264	799781	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	284175	110.210	ng	0.00
7) Phenol-d6	7.109	99	433140	119.419	ng	0.00
23) Nitrobenzene-d5	9.113	82	315861	88.858	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	629637	165.743	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	1140770	85.651	ng	0.00
79) Terphenyl-d14	19.959	244	3791127	89.374	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.113	70	46609	19.918	ng	# 80
51) 2,6-Dinitrotoluene	14.589	165	22430	8.558	ng	# 23
57) 2,4-Dinitrotoluene	14.589	165	22430	6.088	ng	# 26
67) 4-Bromophenyl-phenylether	16.075	248	39039	4.630	ng	# 1
69) Atrazine	17.086	200	142	Below Cal		77
77) Benzidine	19.959	184	64517	6.486	ng	# 89

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

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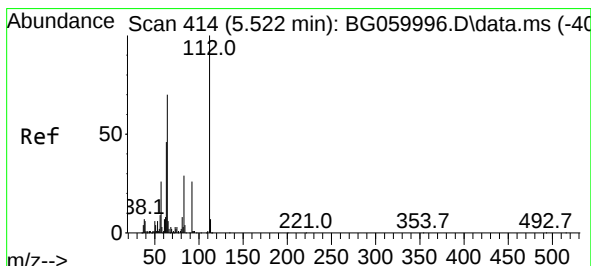
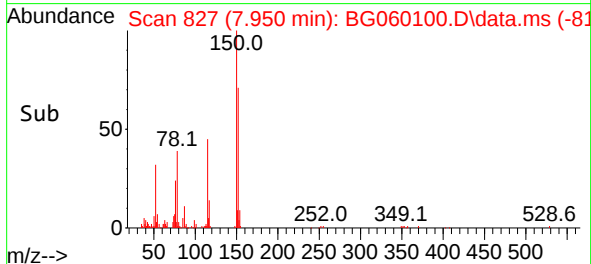
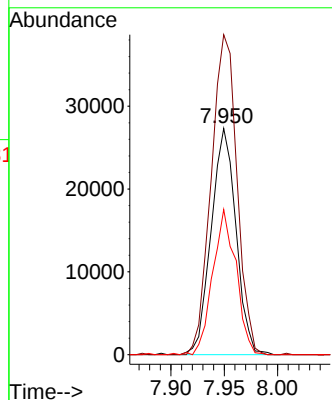
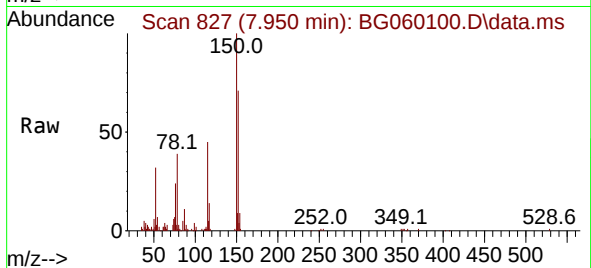




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

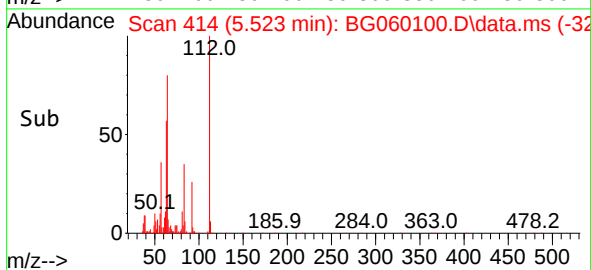
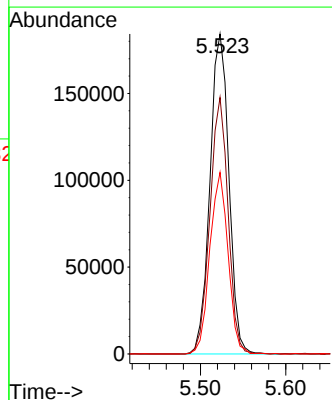
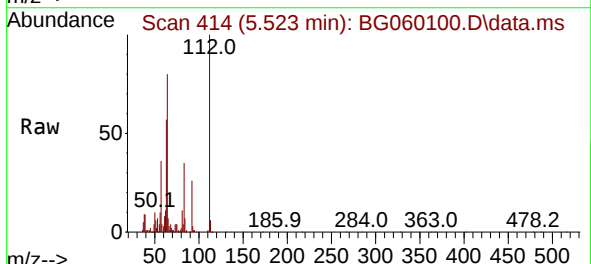
Instrument :
BNA_G
ClientSampleId :
PB157861BL

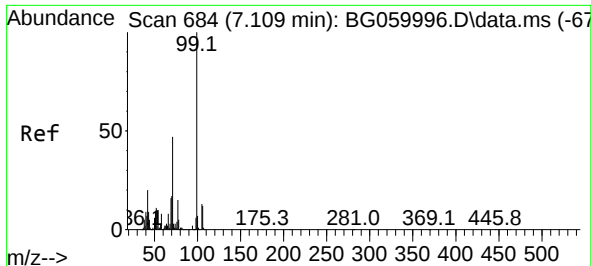
Tgt Ion:152 Resp: 44140
Ion Ratio Lower Upper
152 100
150 141.4 127.0 190.6
115 64.1 45.7 68.5



#5
2-Fluorophenol
Concen: 110.210 ng
RT: 5.523 min Scan# 414
Delta R.T. -0.003 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

Tgt Ion:112 Resp: 284175
Ion Ratio Lower Upper
112 100
64 80.1 55.9 83.9
63 56.8 36.5 54.7#

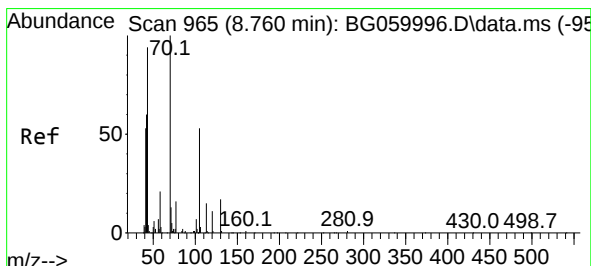
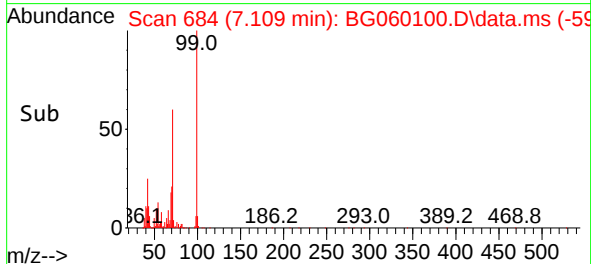
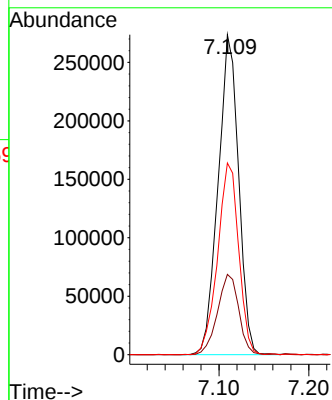
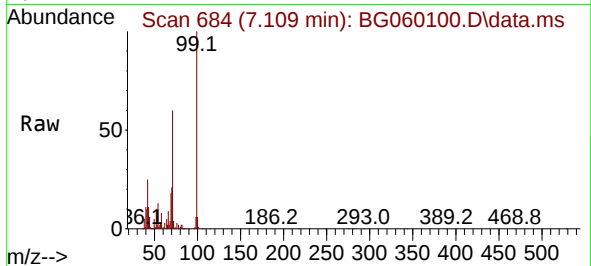




#7
Phenol-d6
Concen: 119.419 ng
RT: 7.109 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

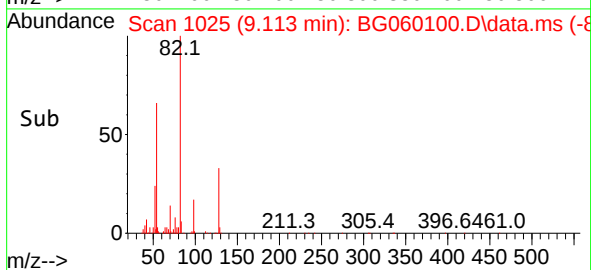
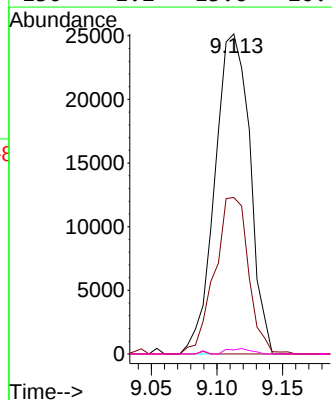
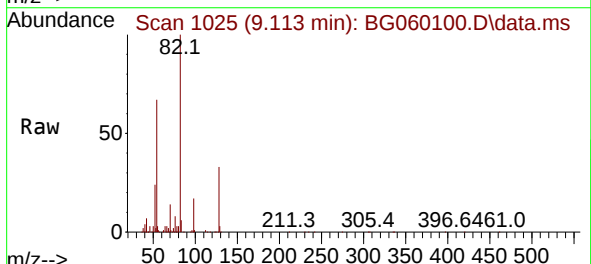
Instrument :
BNA_G
ClientSampleId :
PB157861BL

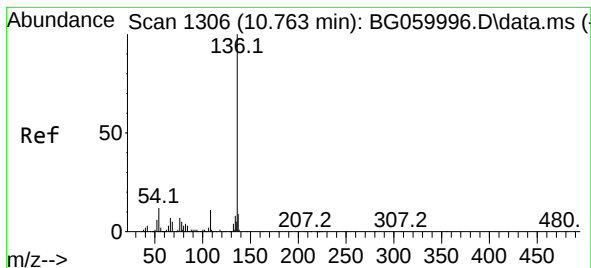
Tgt Ion: 99 Resp: 433140
Ion Ratio Lower Upper
99 100
42 25.1 16.2 24.4#
71 59.9 37.6 56.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.918 ng
RT: 9.113 min Scan# 1025
Delta R.T. 0.349 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

Tgt Ion: 70 Resp: 46609
Ion Ratio Lower Upper
70 100
42 48.9 48.6 73.0
101 0.0 5.7 8.5#
130 1.2 13.6 20.4#

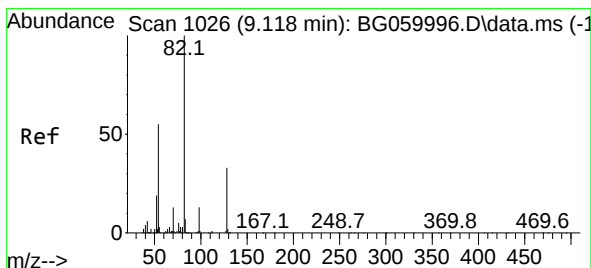
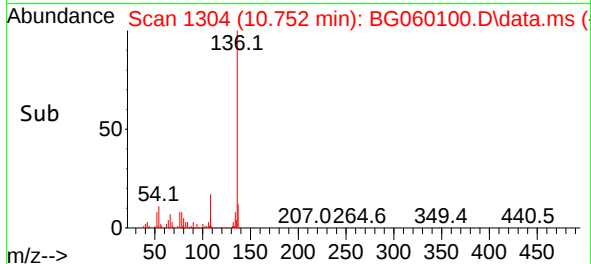
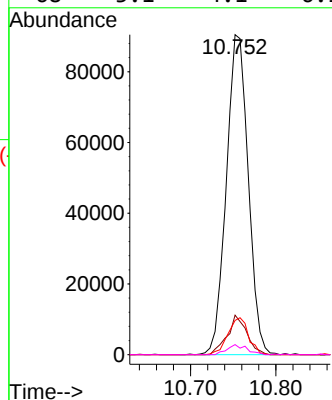
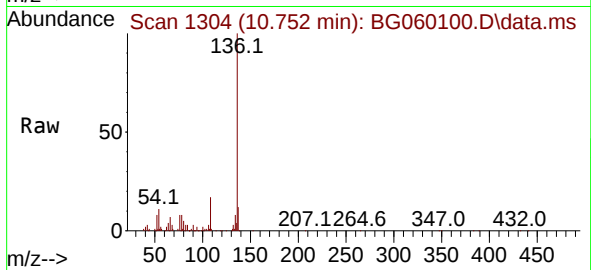




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

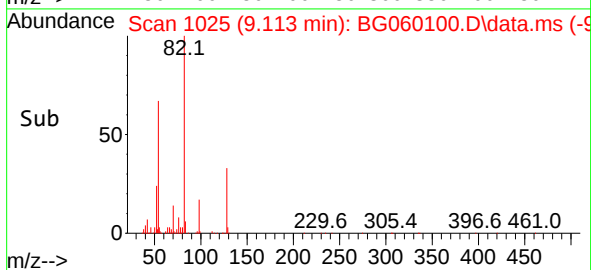
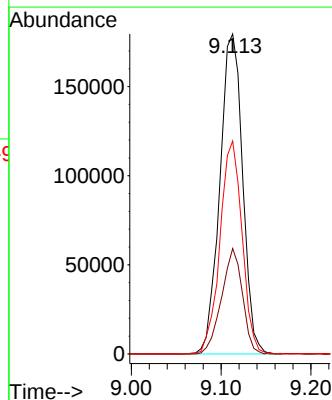
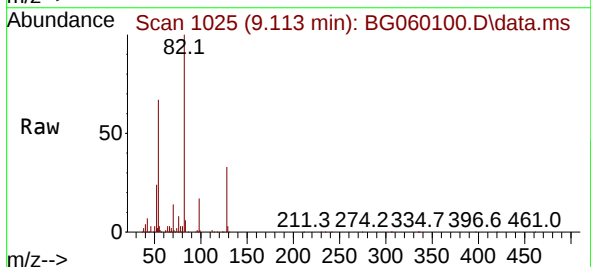
Instrument :
BNA_G
ClientSampleId :
PB157861BL

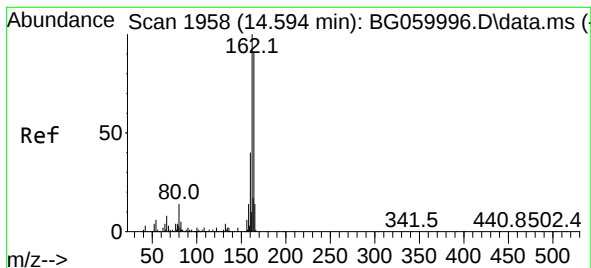
Tgt Ion:136 Resp: 161412
Ion Ratio Lower Upper
136 100
137 12.4 7.3 10.9#
54 10.7 9.6 14.4
68 3.1 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 88.858 ng
RT: 9.113 min Scan# 1025
Delta R.T. -0.009 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

Tgt Ion: 82 Resp: 315861
Ion Ratio Lower Upper
82 100
128 33.0 26.3 39.5
54 66.5 44.3 66.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.589 min Scan# 1957

Delta R.T. -0.009 min

Lab File: BG060100.D

Acq: 20 Dec 2023 12:00

Instrument :

BNA_G

ClientSampleId :

PB157861BL

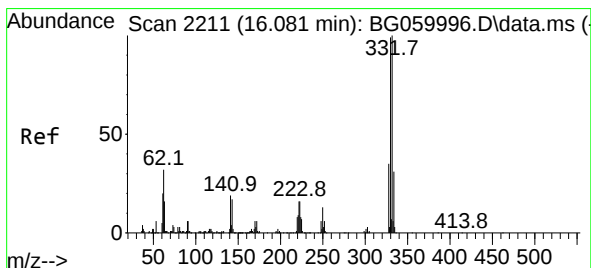
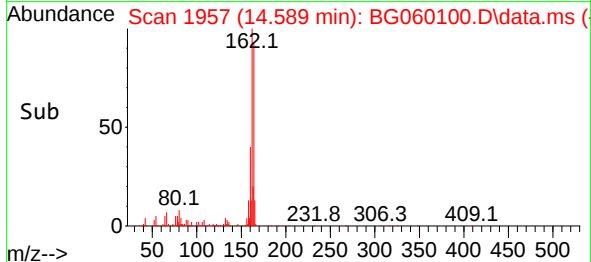
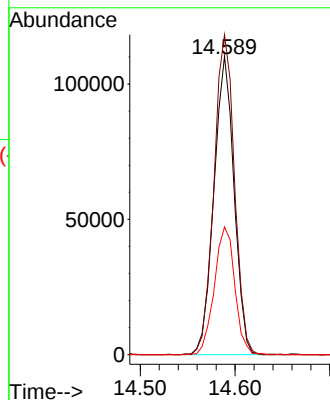
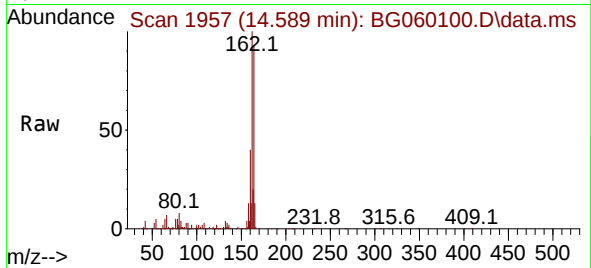
Tgt Ion:164 Resp: 163009

Ion Ratio Lower Upper

164 100

162 107.2 88.1 132.1

160 42.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 165.743 ng

RT: 16.075 min Scan# 2210

Delta R.T. -0.009 min

Lab File: BG060100.D

Acq: 20 Dec 2023 12:00

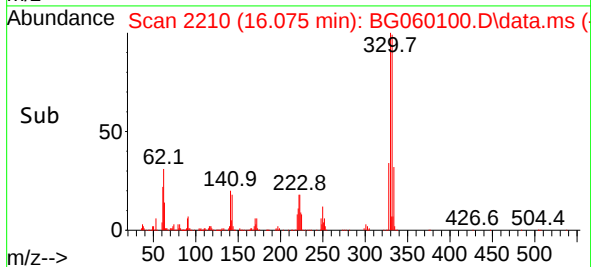
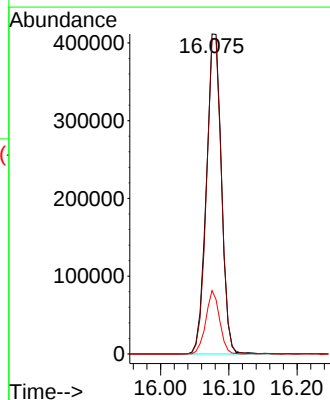
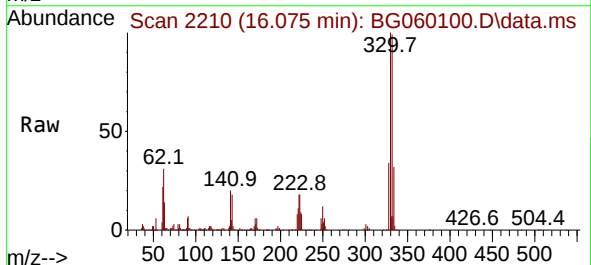
Tgt Ion:330 Resp: 629637

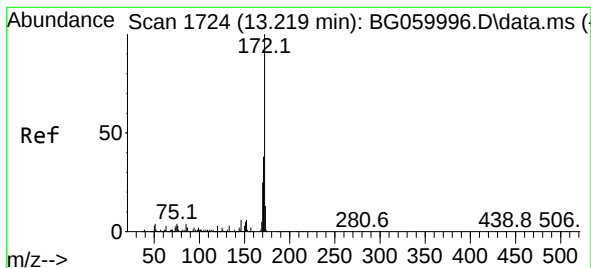
Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

141 18.1 14.3 21.5

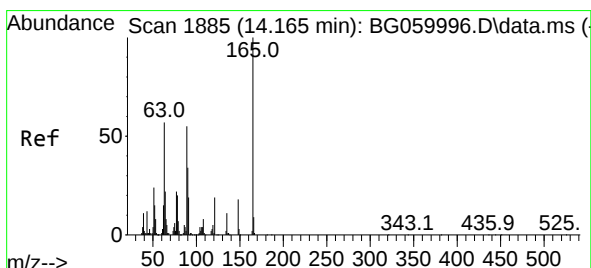
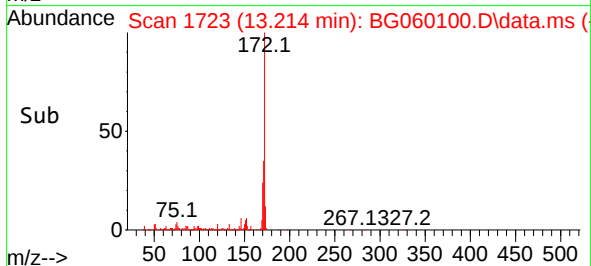
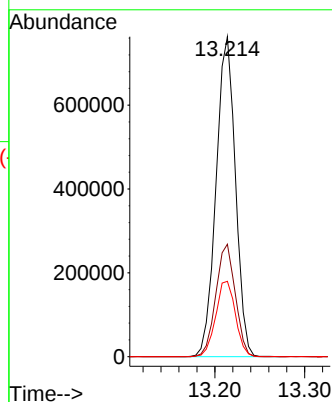
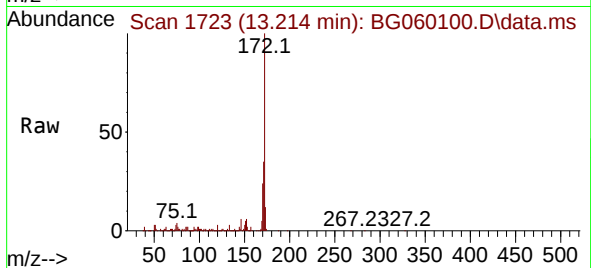




#45
2-Fluorobiphenyl
Concen: 85.651 ng
RT: 13.214 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

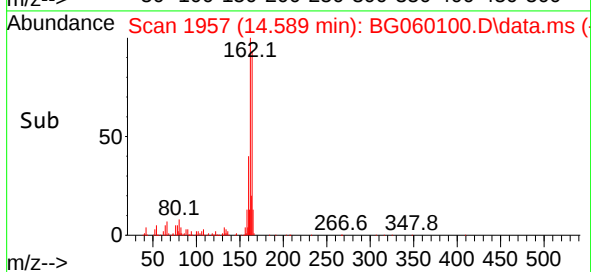
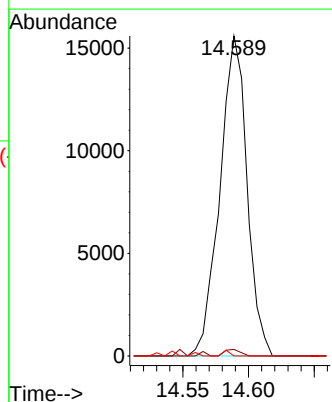
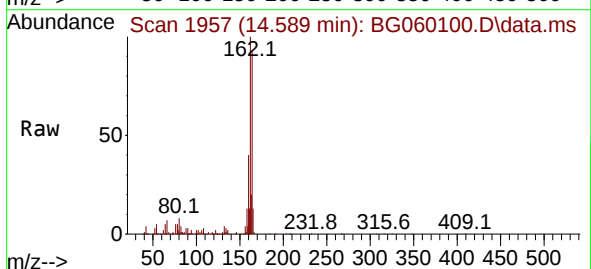
Instrument :
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ClientSampleId :
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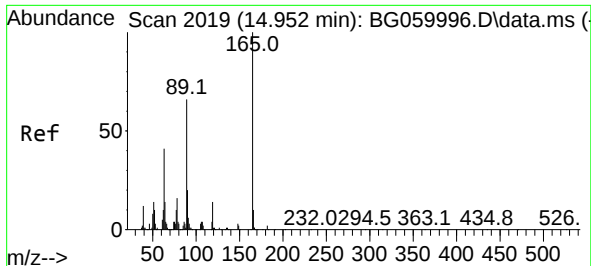
Tgt Ion:172 Resp: 1140770
Ion Ratio Lower Upper
172 100
171 35.2 30.1 45.1
170 23.6 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.558 ng
RT: 14.589 min Scan# 1957
Delta R.T. 0.420 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

Tgt Ion:165 Resp: 22430
Ion Ratio Lower Upper
165 100
63 2.1 48.2 72.2#
89 0.0 44.4 66.6#

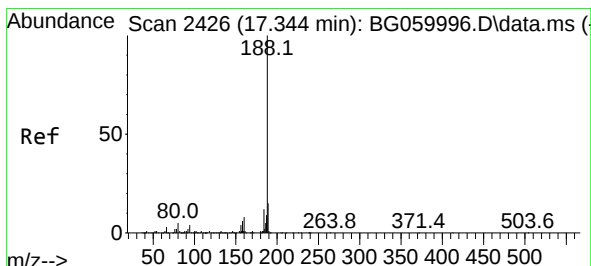
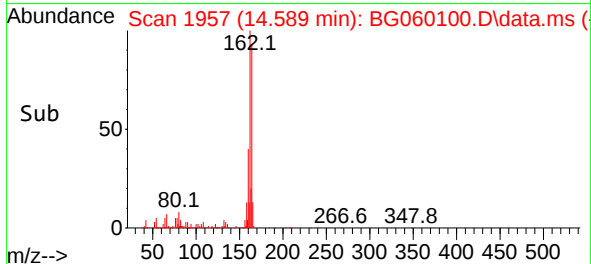
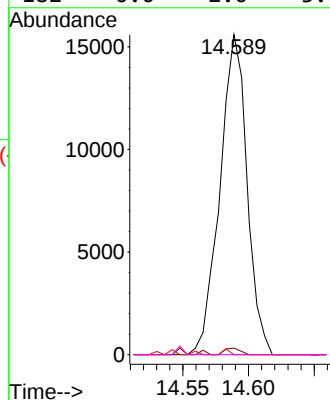
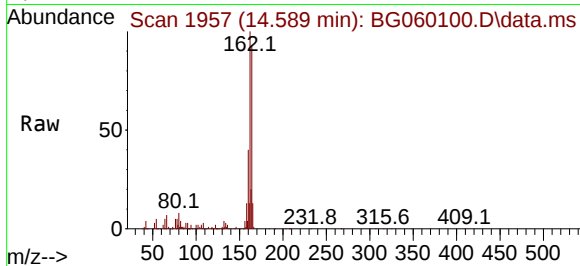




#57
2,4-Dinitrotoluene
Concen: 6.088 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.362 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

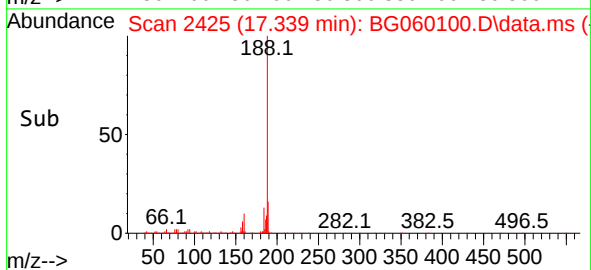
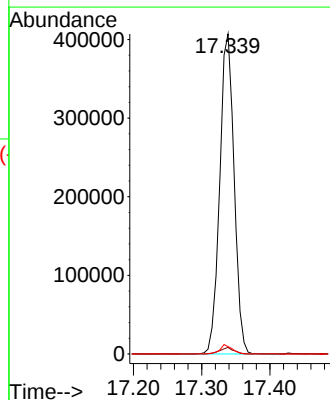
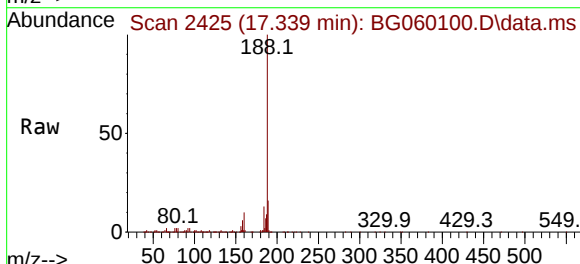
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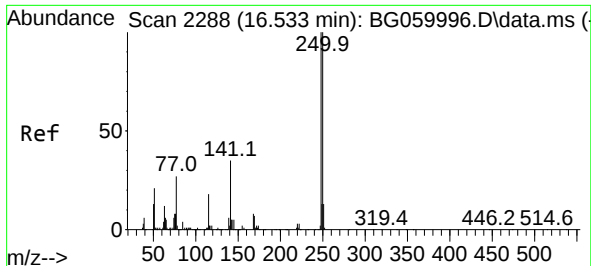
Tgt Ion:165 Resp: 22430
Ion Ratio Lower Upper
165 100
63 2.1 32.8 49.2#
89 0.0 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

Tgt Ion:188 Resp: 597647
Ion Ratio Lower Upper
188 100
94 2.1 3.0 4.6#
80 2.3 4.0 6.0#

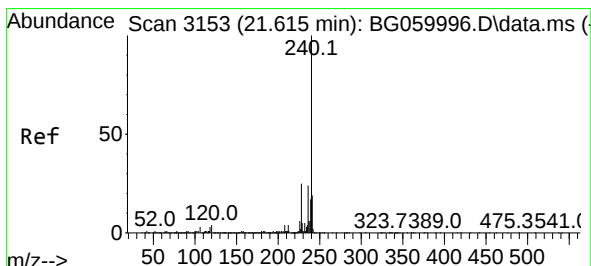
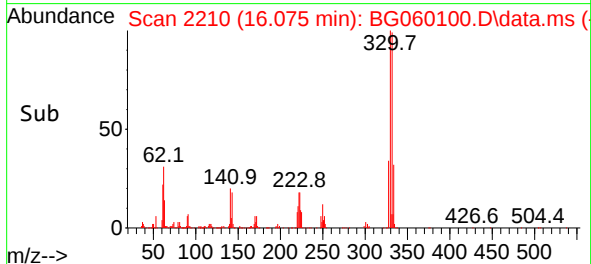
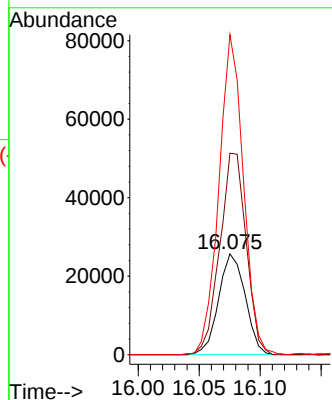
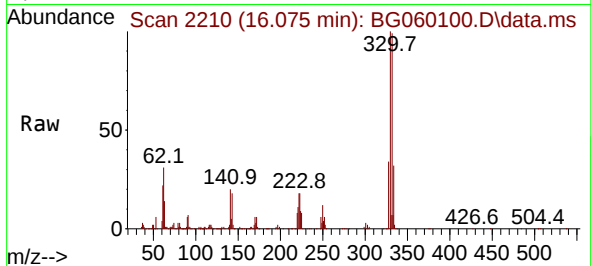




#67
4-Bromophenyl-phenylether
Concen: 4.630 ng
RT: 16.075 min Scan# 21
Delta R.T. -0.462 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

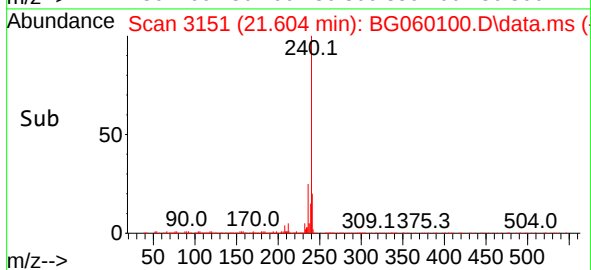
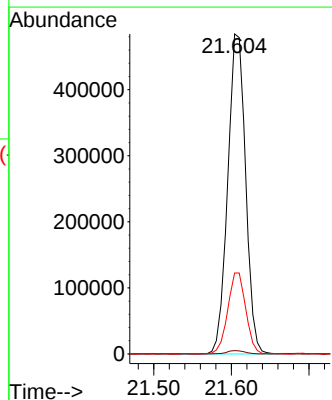
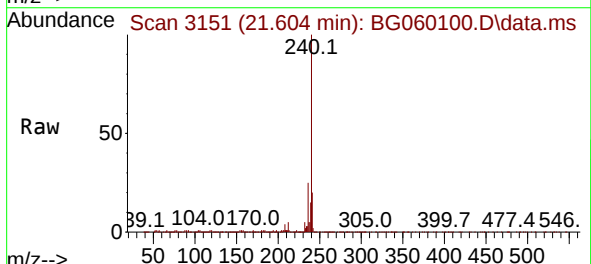
Instrument :
BNA_G
ClientSampleId :
PB157861BL

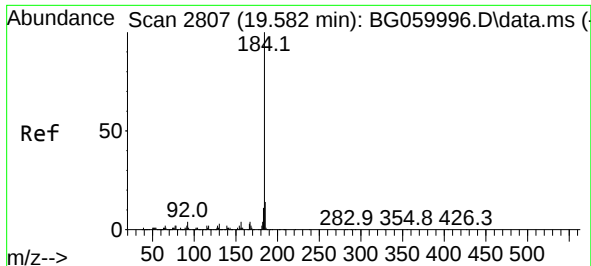
Tgt Ion:248 Resp: 39039
Ion Ratio Lower Upper
248 100
250 199.8 79.9 119.9#
141 317.4 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3151
Delta R.T. -0.015 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

Tgt Ion:240 Resp: 774439
Ion Ratio Lower Upper
240 100
120 1.1 2.9 4.3#
236 25.3 19.4 29.2

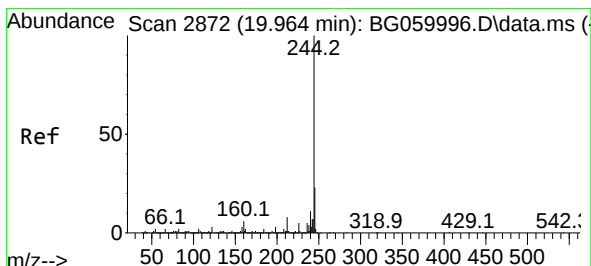
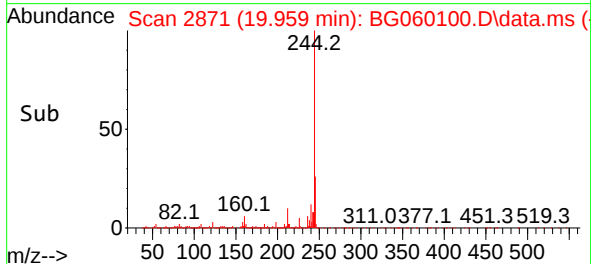
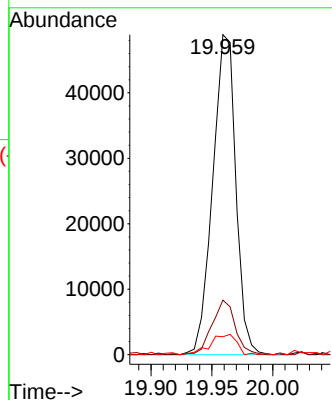
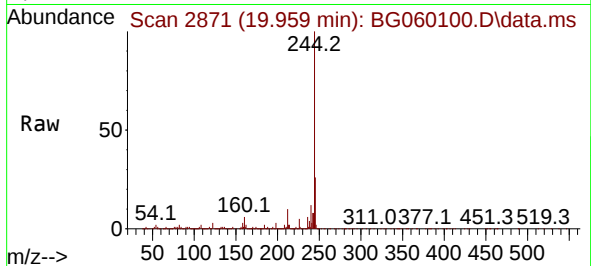




#77
Benzidine
Concen: 6.486 ng
RT: 19.959 min Scan# 2871
Delta R.T. 0.373 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

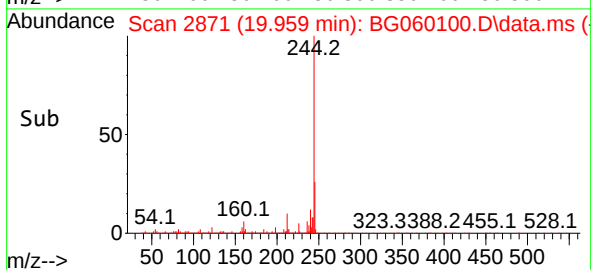
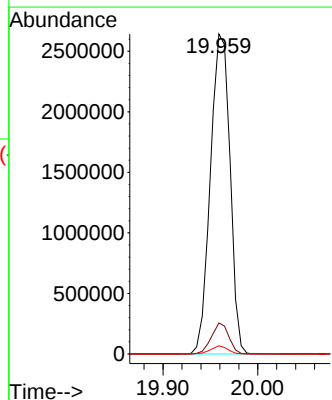
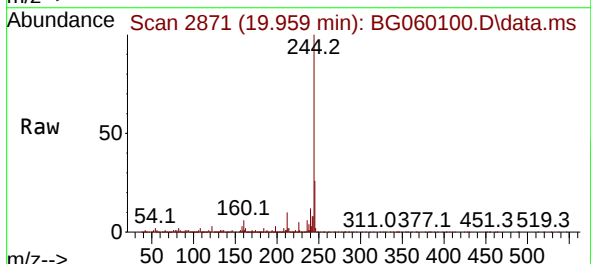
Instrument :
BNA_G
ClientSampleId :
PB157861BL

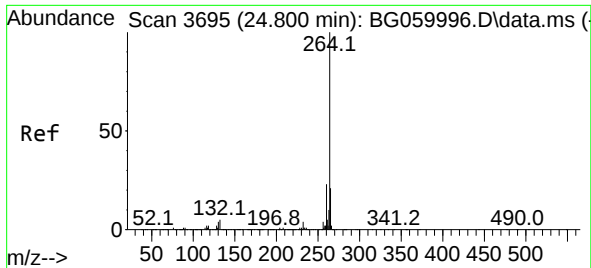
Tgt Ion:184 Resp: 64517
Ion Ratio Lower Upper
184 100
185 17.1 11.1 16.7#
183 5.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 89.374 ng
RT: 19.959 min Scan# 2871
Delta R.T. -0.009 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

Tgt Ion:244 Resp: 3791127
Ion Ratio Lower Upper
244 100
212 9.7 6.8 10.2
122 2.5 2.6 3.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.794 min Scan# 30
 Delta R.T. -0.021 min
 Lab File: BG060100.D
 Acq: 20 Dec 2023 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB157861BL

Tgt Ion:264 Resp: 799781

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.3	17.3	25.9

