

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059877.D
 Acq On : 25 Nov 2023 3:49
 Operator : MA/JU
 Sample : 05470-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: Nov 25 04:31:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

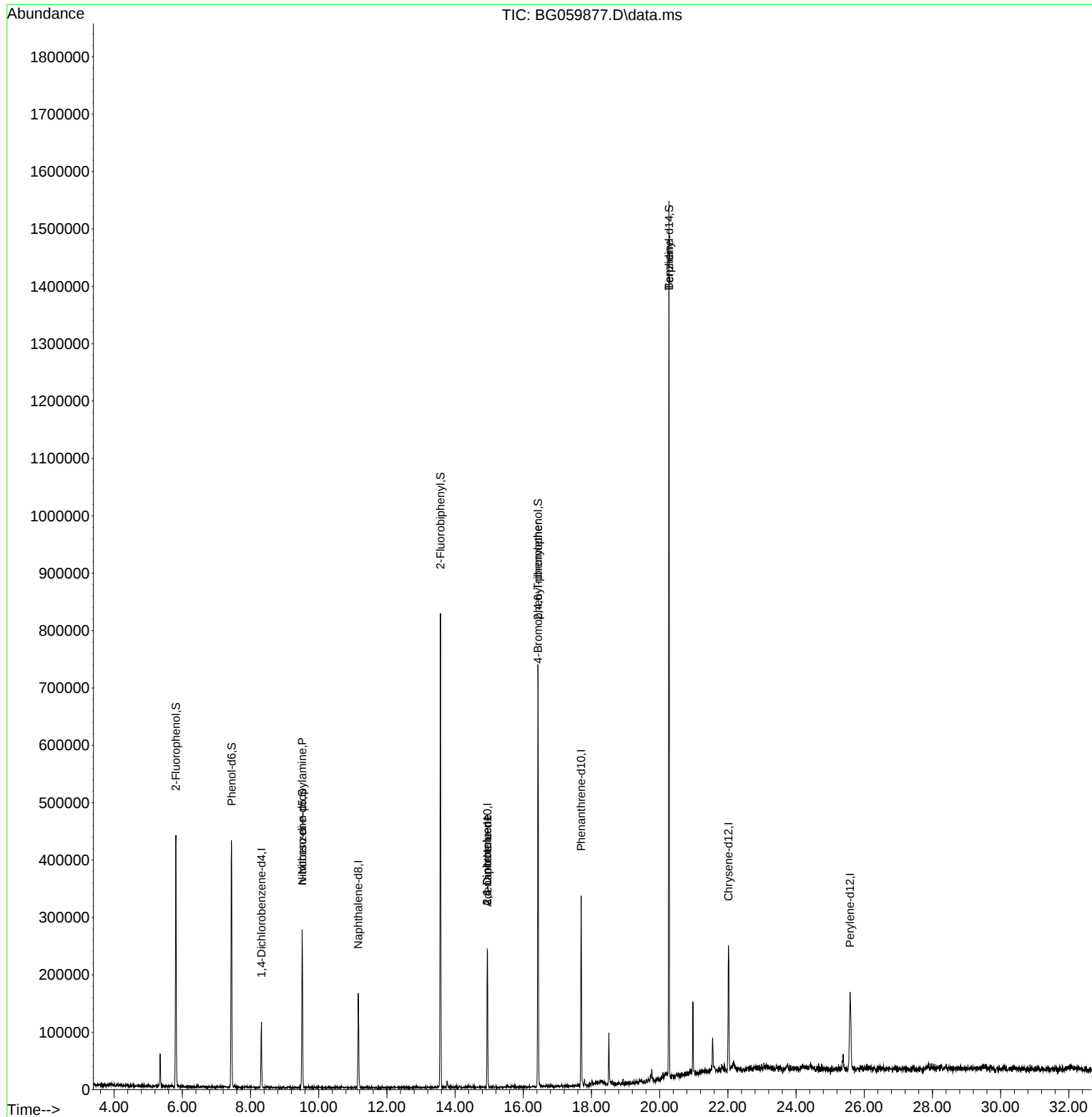
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	22349	20.000	ng	# 0.00
21) Naphthalene-d8	11.161	136	111599	20.000	ng	# 0.00
39) Acenaphthene-d10	14.951	164	78053	20.000	ng	# 0.00
64) Phenanthrene-d10	17.701	188	180209	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	137272	20.000	ng	-0.01
86) Perylene-d12	25.586	264	159502	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	153870	115.882	ng	0.00
7) Phenol-d6	7.448	99	211523	107.498	ng	0.00
23) Nitrobenzene-d5	9.516	82	166484	56.975	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	101654	114.784	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	350458	60.437	ng	0.00
79) Terphenyl-d14	20.274	244	596045	64.100	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.516	70	26301	16.974	ng	# 78
51) 2,6-Dinitrotoluene	14.945	165	9263	8.072	ng	# 1
57) 2,4-Dinitrotoluene	14.945	165	9263	5.249	ng	# 1
67) 4-Bromophenyl-phenylether	16.437	248	7486	3.867	ng	# 1
77) Benzidine	20.274	184	16834	5.408	ng	# 93

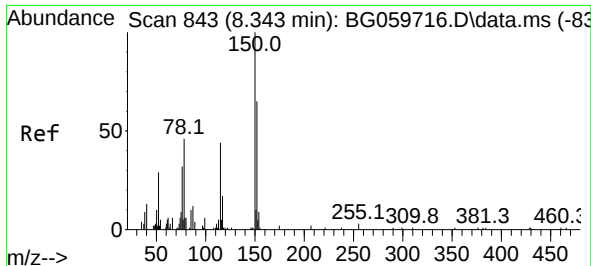
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Nov 25 04:31:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

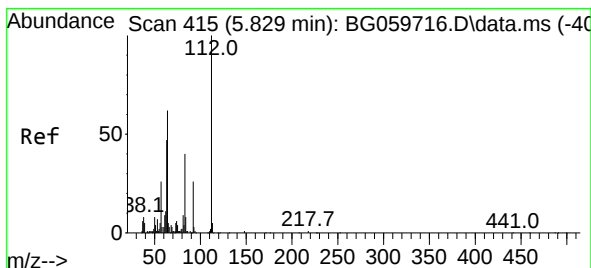
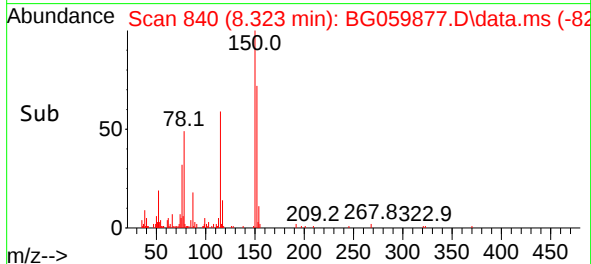
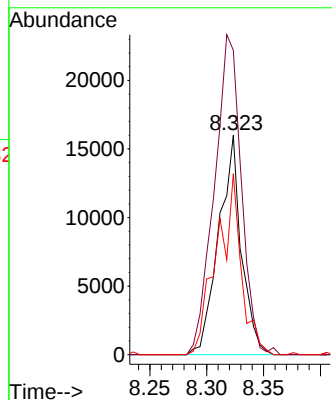
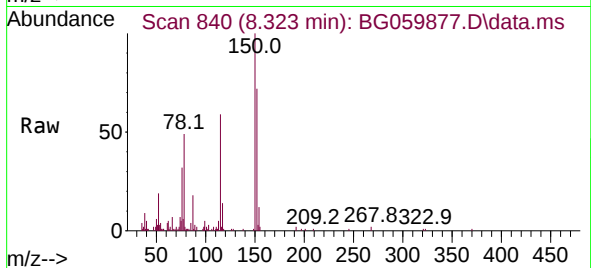




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 84
Delta R.T. 0.008 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

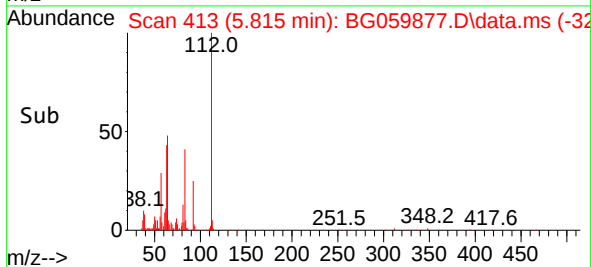
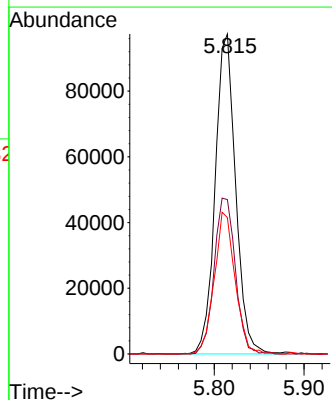
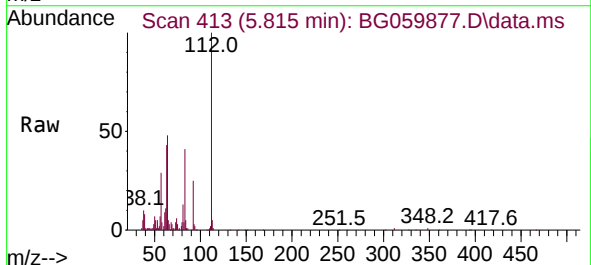
Instrument :
BNA_G
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 22349
Ion Ratio Lower Upper
152 100
150 138.7 122.2 183.4
115 82.5 54.2 81.4#



#5
2-Fluorophenol
Concen: 115.882 ng
RT: 5.815 min Scan# 413
Delta R.T. 0.003 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

Tgt Ion:112 Resp: 153870
Ion Ratio Lower Upper
112 100
64 48.2 49.5 74.3#
63 42.6 37.4 56.2

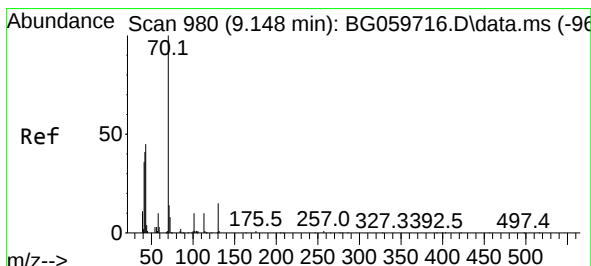
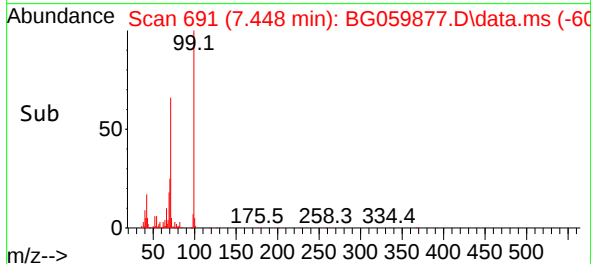
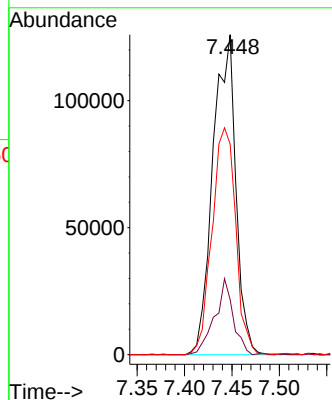
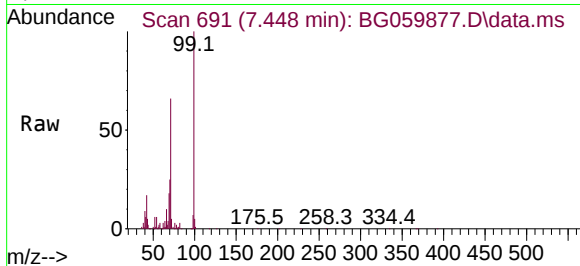




#7
Phenol-d6
Concen: 107.498 ng
RT: 7.448 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

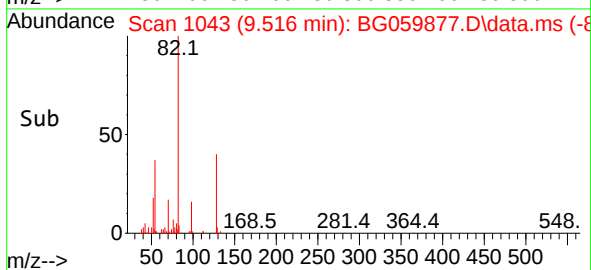
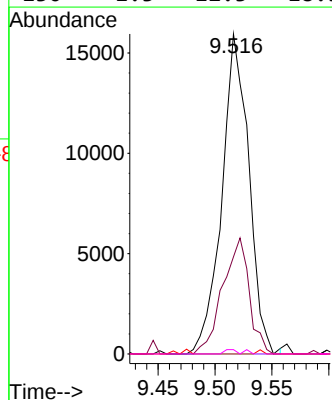
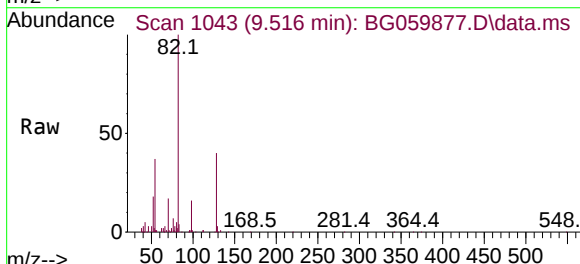
Instrument :
BNA_G
ClientSampleId :
SB-2

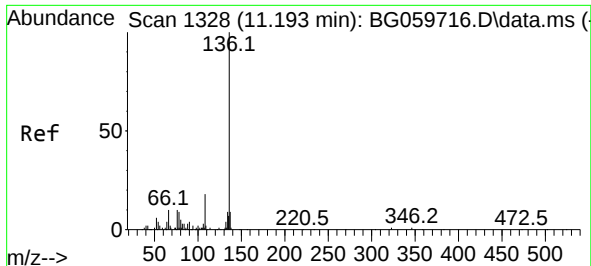
Tgt Ion: 99 Resp: 211523
Ion Ratio Lower Upper
99 100
42 17.3 14.3 21.5
71 65.9 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.974 ng
RT: 9.516 min Scan# 1043
Delta R.T. 0.385 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

Tgt Ion: 70 Resp: 26301
Ion Ratio Lower Upper
70 100
42 30.3 32.8 49.2#
101 0.0 7.7 11.5#
130 1.3 12.3 18.5#

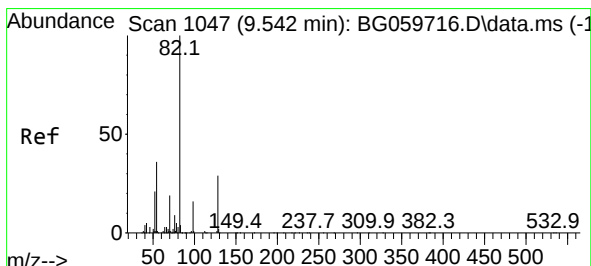
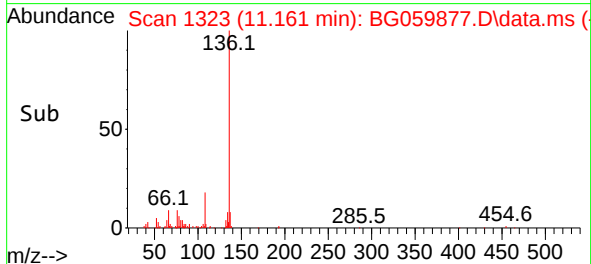
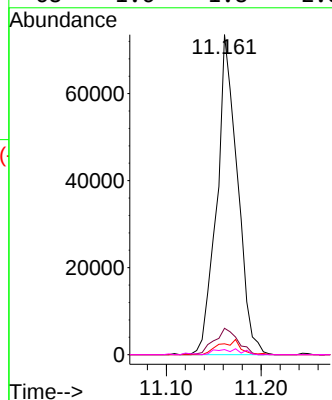
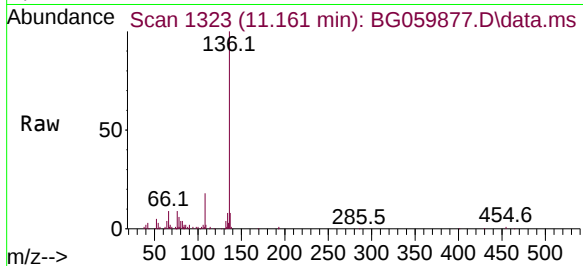




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 111599
Delta R.T. -0.009 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

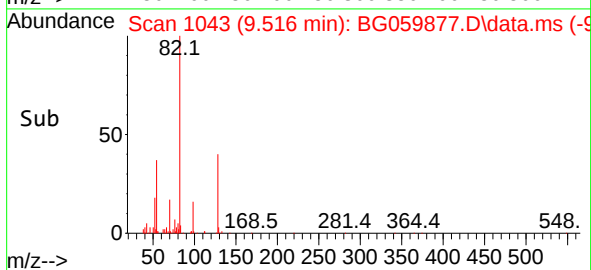
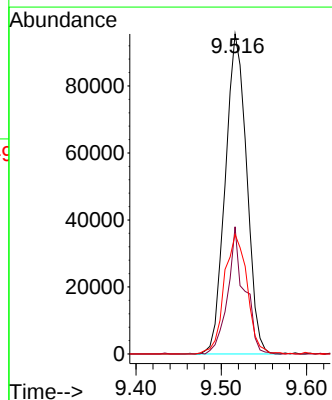
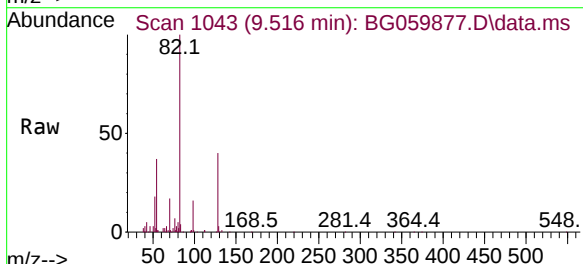
Instrument :
BNA_G
ClientSampleId :
SB-2

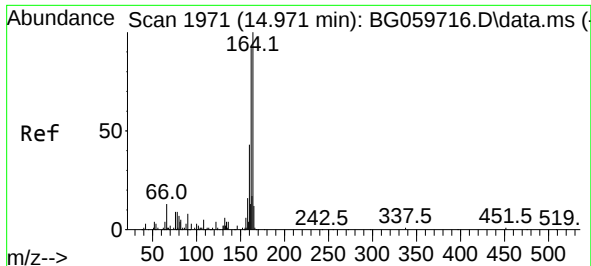
Tgt Ion:	136	Resp:	111599
Ion Ratio	Lower	Upper	
136	100		
137	8.2	7.4	11.0
54	3.4	3.1	4.7
68	1.6	1.8	2.8



#23
Nitrobenzene-d5
Concen: 56.975 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

Tgt Ion:	82	Resp:	166484
Ion Ratio	Lower	Upper	
82	100		
128	39.7	23.0	34.6
54	37.4	28.7	43.1

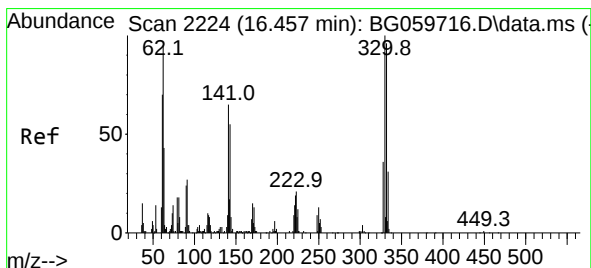
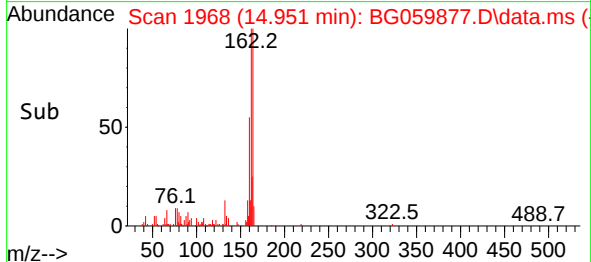
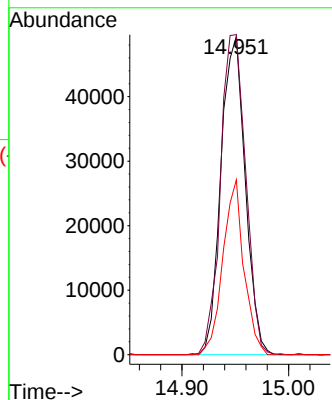
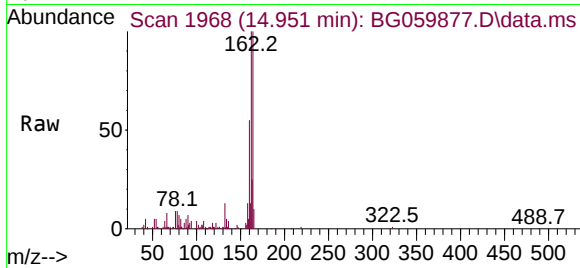




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

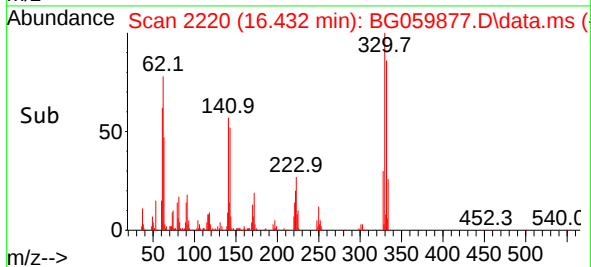
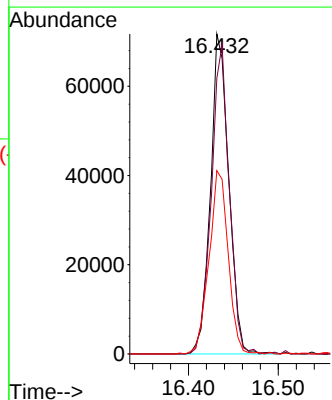
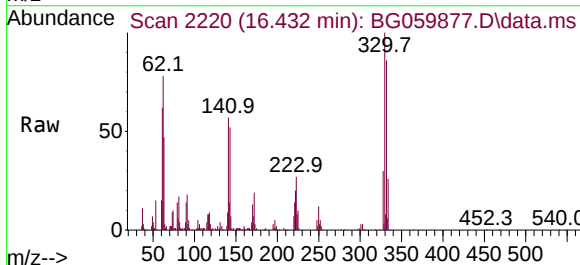
Instrument :
BNA_G
ClientSampleId :
SB-2

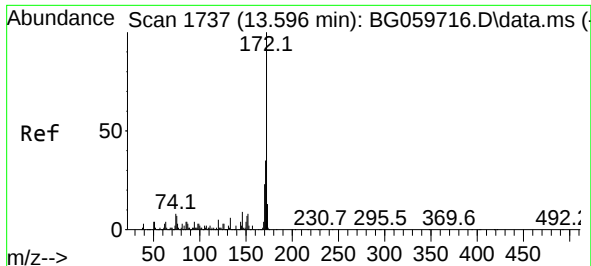
Tgt Ion:164 Resp: 78053
Ion Ratio Lower Upper
164 100
162 100.5 73.3 109.9
160 54.9 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 114.784 ng
RT: 16.432 min Scan# 2220
Delta R.T. -0.009 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

Tgt Ion:330 Resp: 101654
Ion Ratio Lower Upper
330 100
332 94.9 73.3 109.9
141 59.9 52.1 78.1

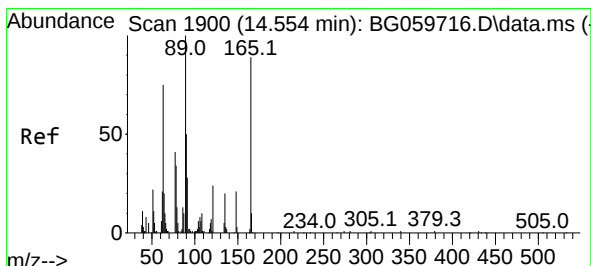
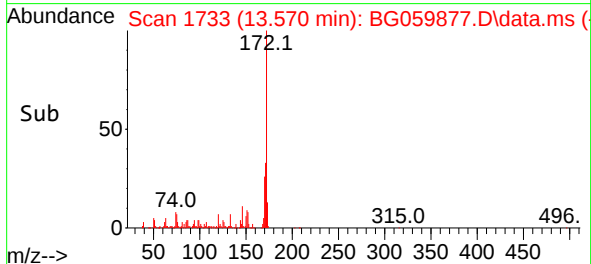
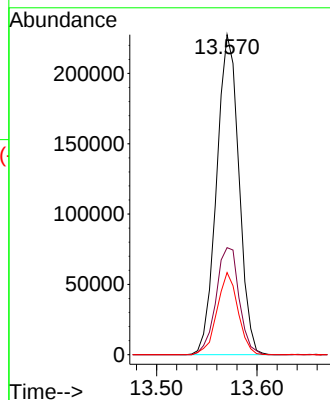
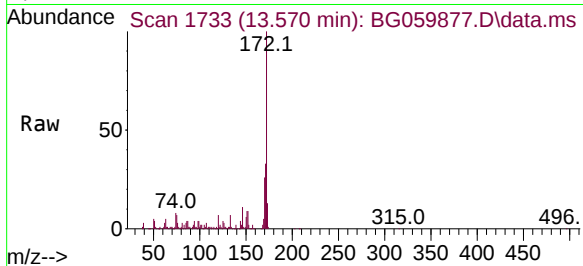




#45
2-Fluorobiphenyl
Concen: 60.437 ng
RT: 13.570 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

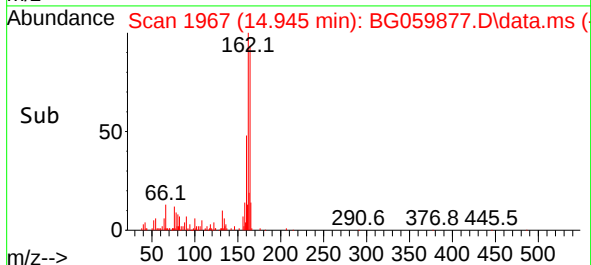
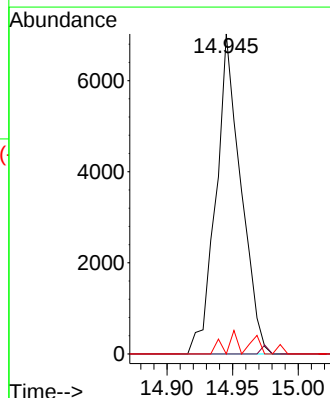
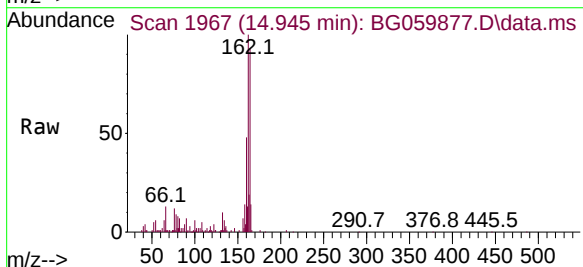
Instrument :
BNA_G
ClientSampleId :
SB-2

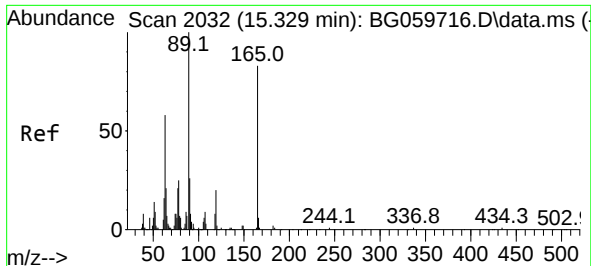
Tgt Ion:172 Resp: 350458
Ion Ratio Lower Upper
172 100
171 33.5 27.7 41.5
170 25.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.072 ng
RT: 14.945 min Scan# 1967
Delta R.T. 0.402 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

Tgt Ion:165 Resp: 9263
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 0.0 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 5.249 ng

RT: 14.945 min Scan# 1967

Delta R.T. -0.379 min

Lab File: BG059877.D

Acq: 25 Nov 2023 3:49

Instrument :

BNA_G

ClientSampleId :

SB-2

Tgt Ion:165 Resp: 9263

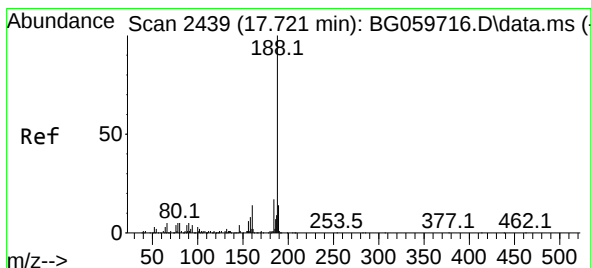
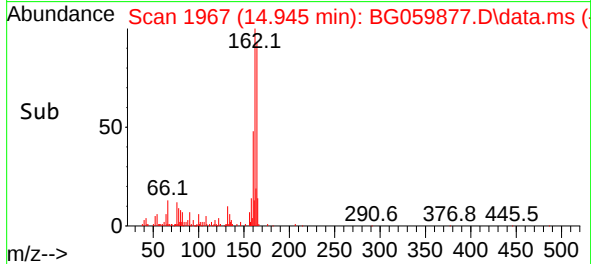
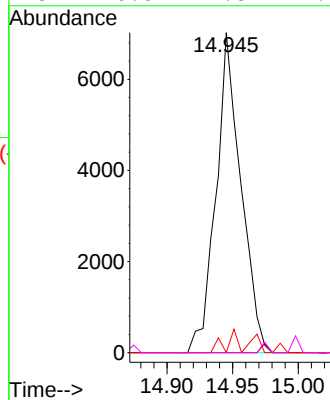
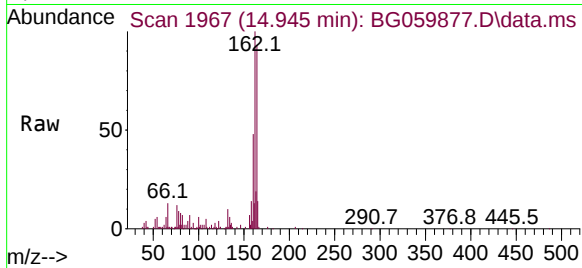
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 0.0 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.701 min Scan# 2436

Delta R.T. -0.009 min

Lab File: BG059877.D

Acq: 25 Nov 2023 3:49

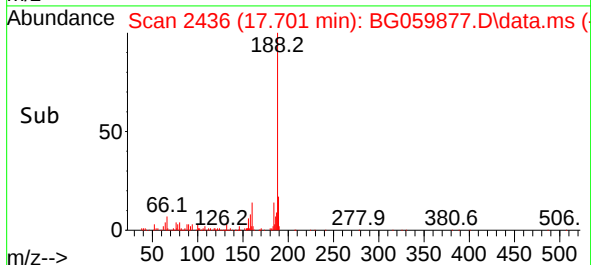
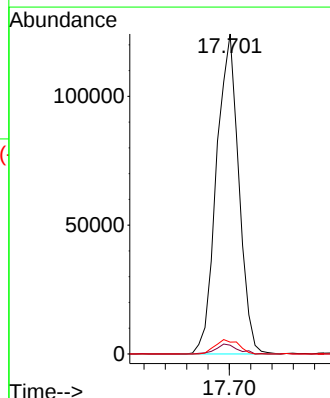
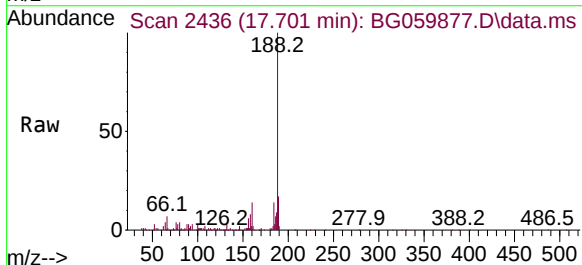
Tgt Ion:188 Resp: 180209

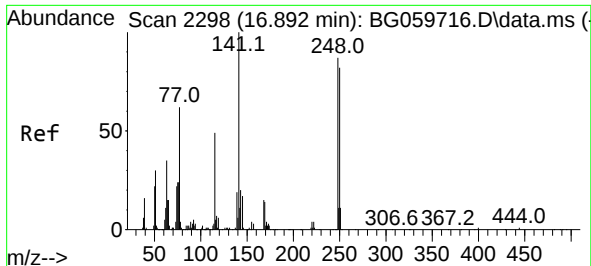
Ion Ratio Lower Upper

188 100

94 2.7 3.0 4.4#

80 3.7 4.2 6.4#

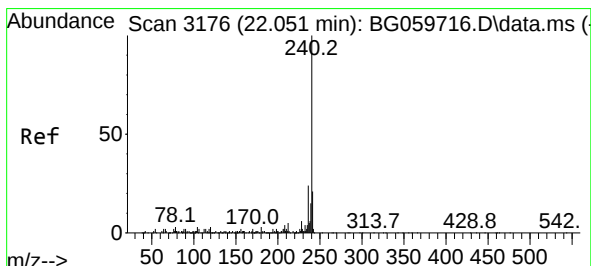
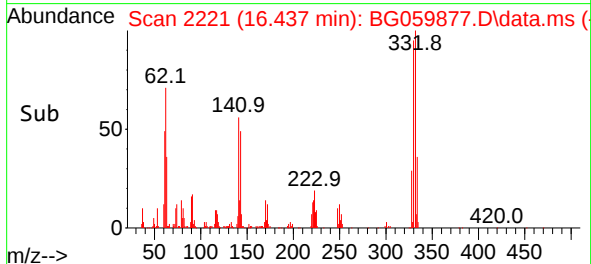
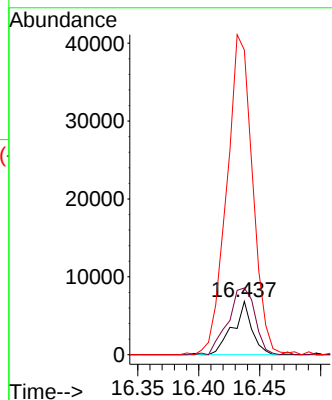
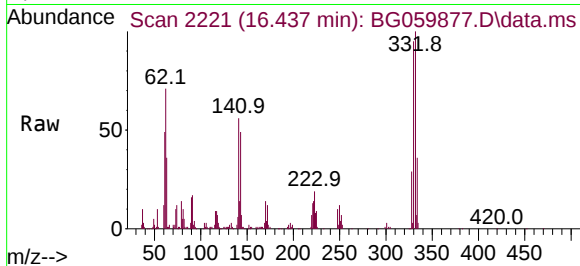




#67
4-Bromophenyl-phenylether
Concen: 3.867 ng
RT: 16.437 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

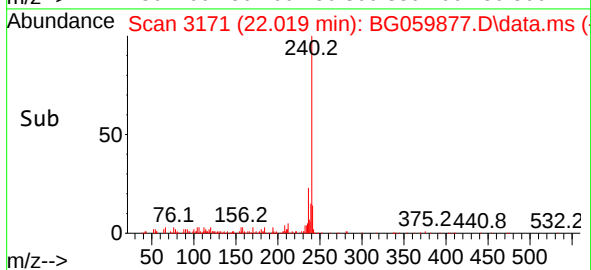
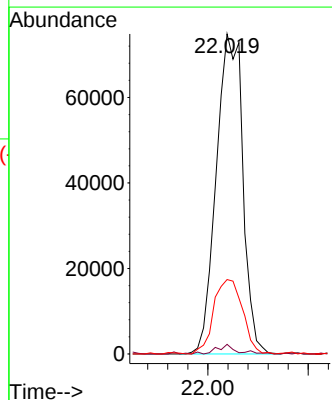
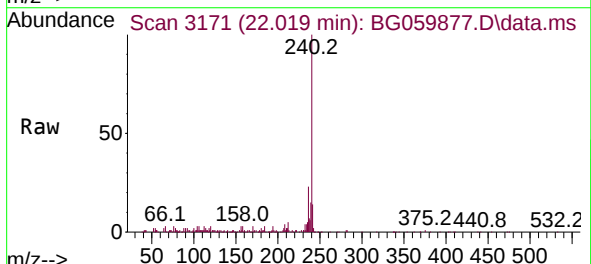
Instrument :
BNA_G
ClientSampleId :
SB-2

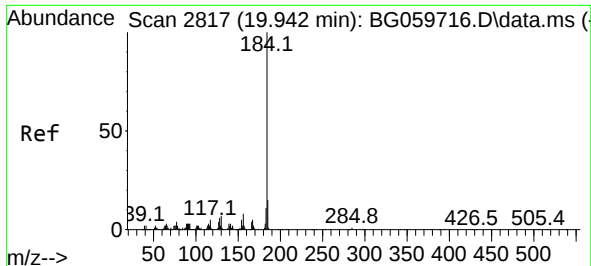
Tgt Ion:248 Resp: 7486
Ion Ratio Lower Upper
248 100
250 125.3 75.2 112.8#
141 572.1 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3171
Delta R.T. -0.015 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

Tgt Ion:240 Resp: 137272
Ion Ratio Lower Upper
240 100
120 3.0 2.2 3.2
236 23.3 19.4 29.2

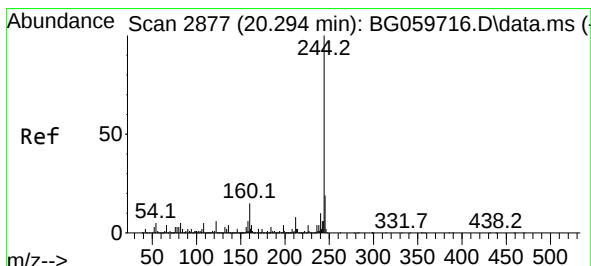
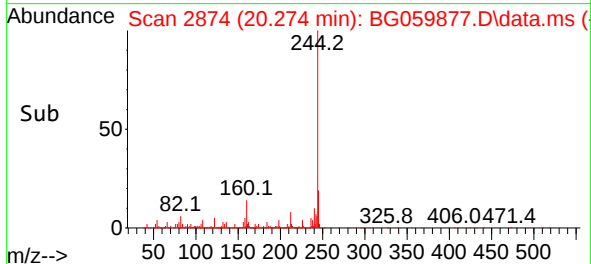
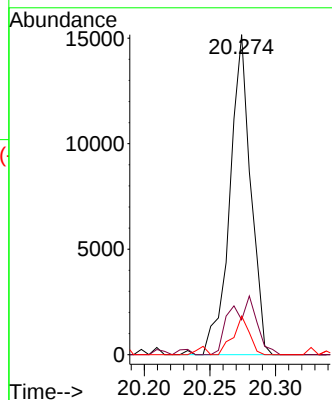
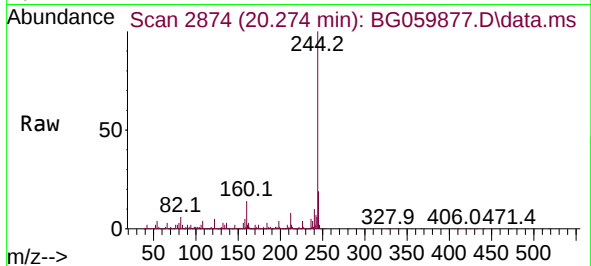




#77
Benzidine
Concen: 5.408 ng
RT: 20.274 min Scan# 2874
Delta R.T. 0.344 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

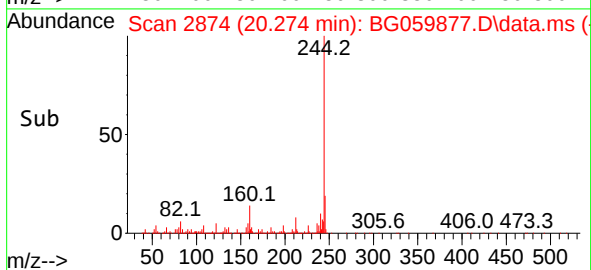
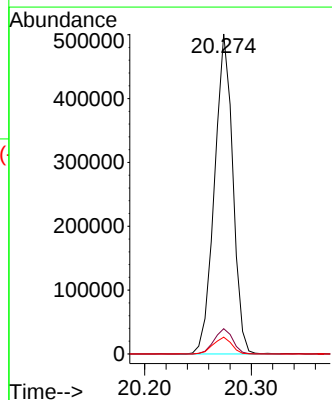
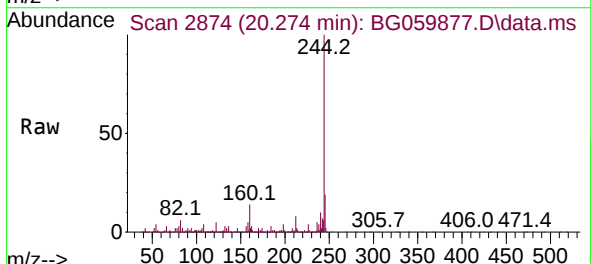
Instrument :
BNA_G
ClientSampleId :
SB-2

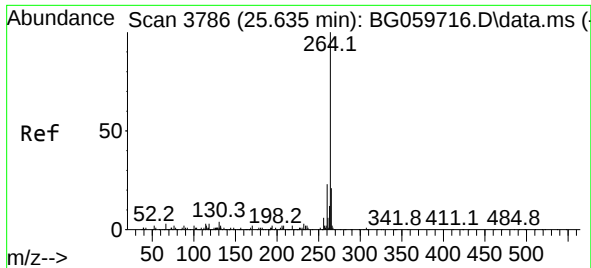
Tgt Ion:184 Resp: 16834
Ion Ratio Lower Upper
184 100
185 10.9 12.2 18.2#
183 12.1 8.8 13.2



#79
Terphenyl-d14
Concen: 64.100 ng
RT: 20.274 min Scan# 2874
Delta R.T. -0.009 min
Lab File: BG059877.D
Acq: 25 Nov 2023 3:49

Tgt Ion:244 Resp: 596045
Ion Ratio Lower Upper
244 100
212 7.9 6.6 10.0
122 5.2 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.586 min Scan# 31
 Delta R.T. -0.026 min
 Lab File: BG059877.D
 Acq: 25 Nov 2023 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Tgt Ion:264 Resp: 159502
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 21.7 17.0 25.6

