

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059752.D
 Acq On : 18 Nov 2023 6:30
 Operator : MA/JU
 Sample : PB157152TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 09:28:09 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 17 01:51:38 2023
 Response via : Initial Calibration

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

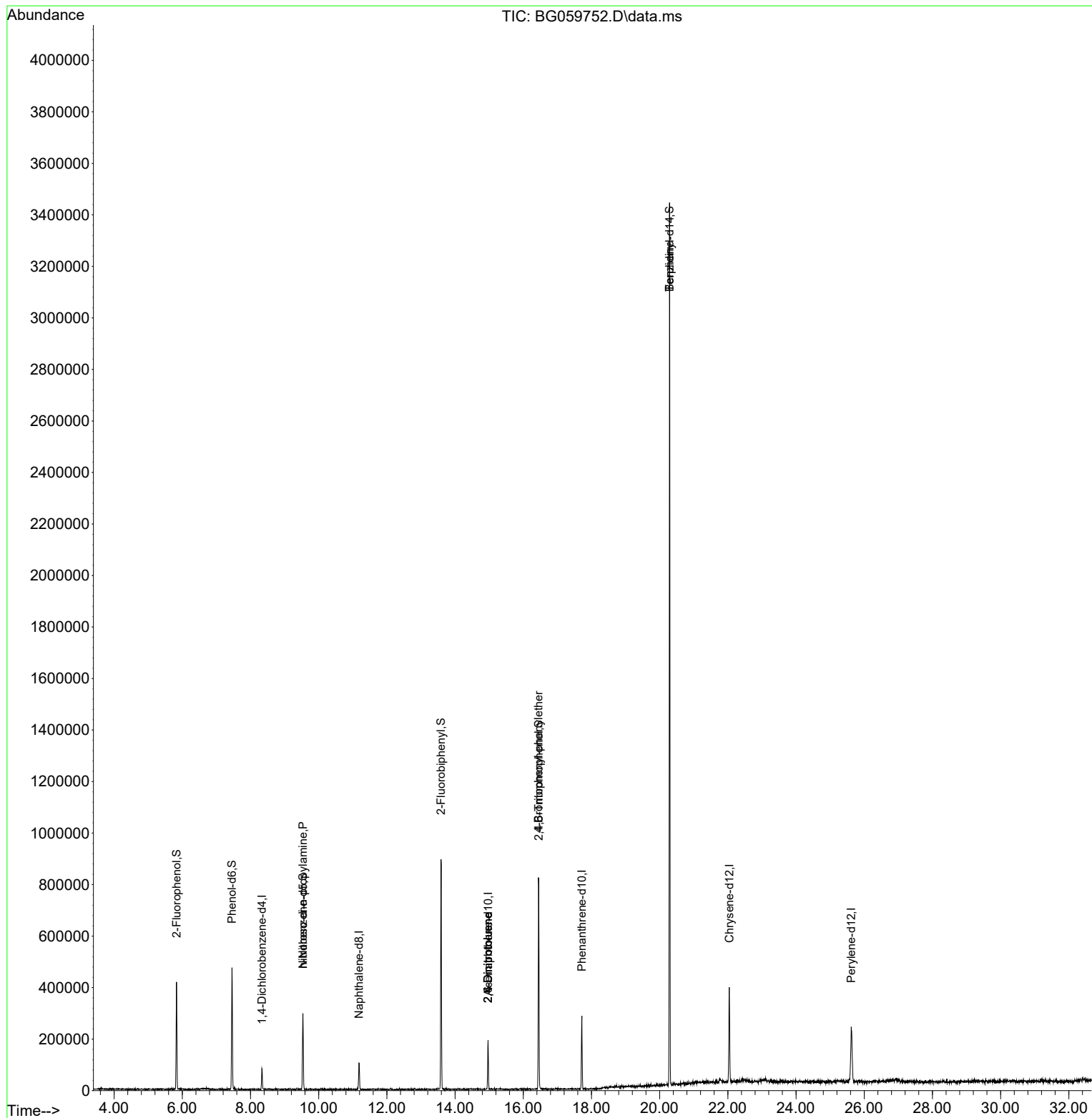
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	15257	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	72669	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	55338	20.000	ng	# 0.00
64) Phenanthrene-d10	17.718	188	151468	20.000	ng	# 0.00
76) Chrysene-d12	22.043	240	210864	20.000	ng	# 0.00
86) Perylene-d12	25.621	264	253256	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	140172	154.636	ng	0.00
7) Phenol-d6	7.460	99	200340	149.142	ng	0.00
23) Nitrobenzene-d5	9.540	82	177598	93.339	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	112803	179.658	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	383090	93.183	ng	0.00
79) Terphenyl-d14	20.292	244	1356017	94.934	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.540	70	28112	26.575	ng	# 83
51) 2,6-Dinitrotoluene	14.963	165	8415	10.344	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	8415	6.726	ng	# 4
67) 4-Bromophenyl-phenylether	16.449	248	7850	4.824	ng	# 1
77) Benzidine	20.292	184	40310	8.430	ng	# 89

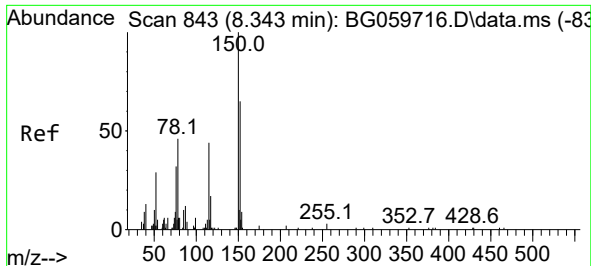
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059752.D
Acq On : 18 Nov 2023 6:30
Operator : MA/JU
Sample : PB157152TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 18 09:28:09 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 17 01:51:38 2023
Response via : Initial Calibration

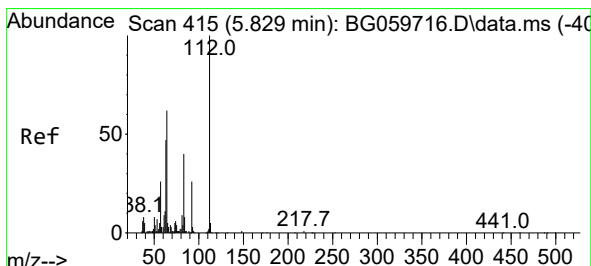
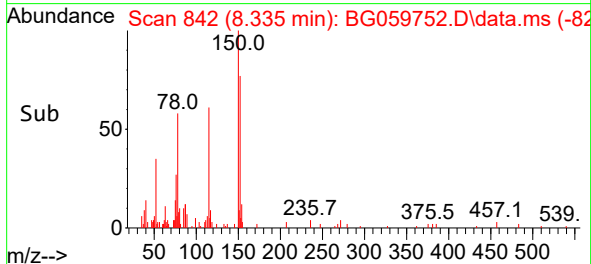
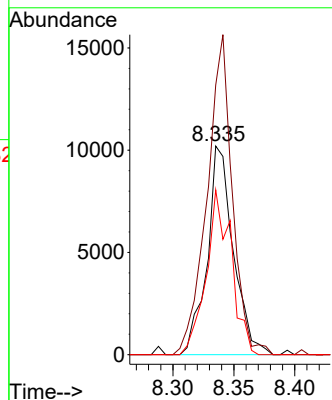
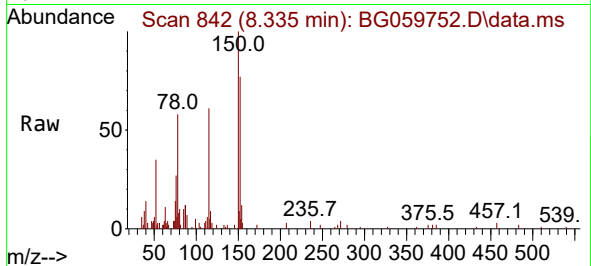




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

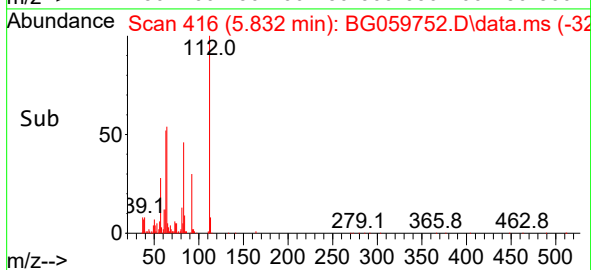
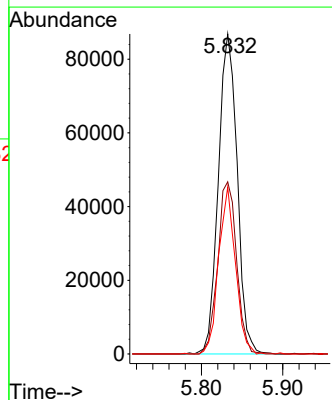
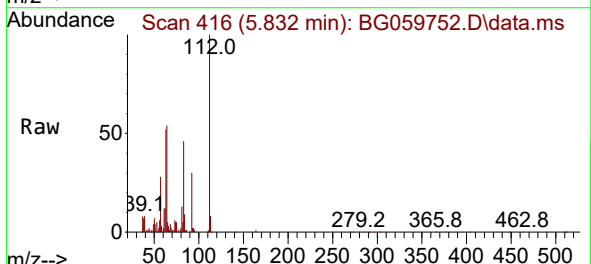
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 15257
Ion Ratio Lower Upper
152 100
150 129.2 122.2 183.4
115 79.0 54.2 81.4



#5
2-Fluorophenol
Concen: 154.636 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion:112 Resp: 140172
Ion Ratio Lower Upper
112 100
64 53.8 49.5 74.3
63 52.2 37.4 56.2

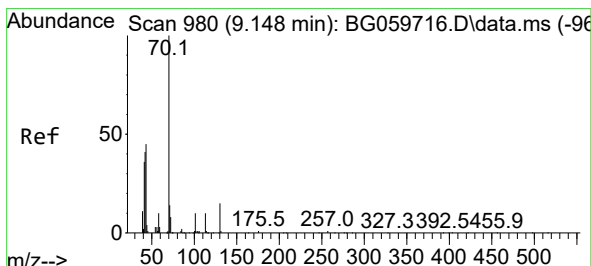
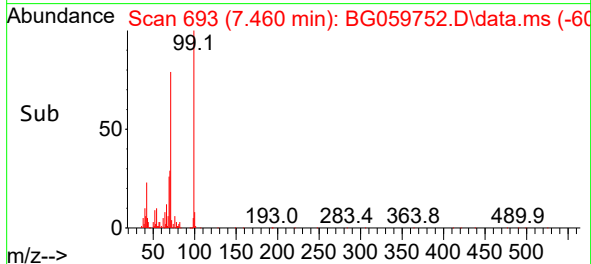
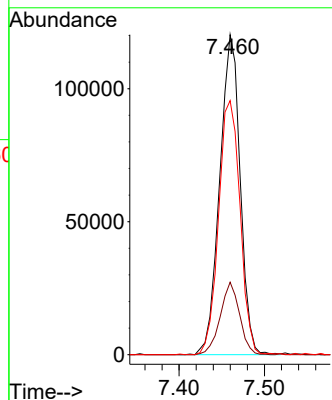
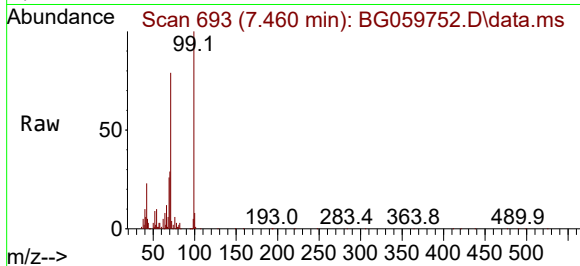




#7
Phenol-d6
Concen: 149.142 ng
RT: 7.460 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

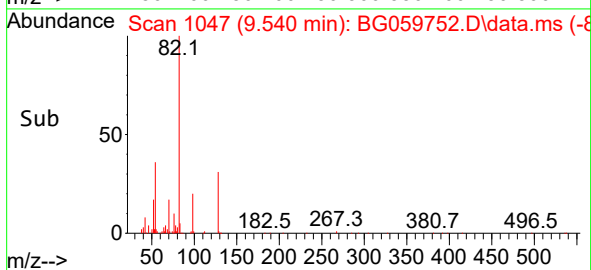
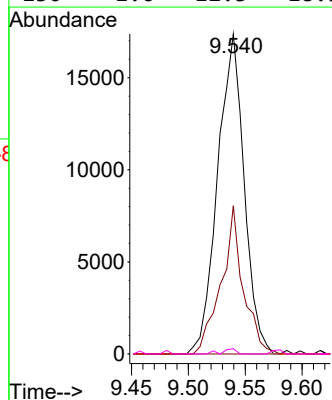
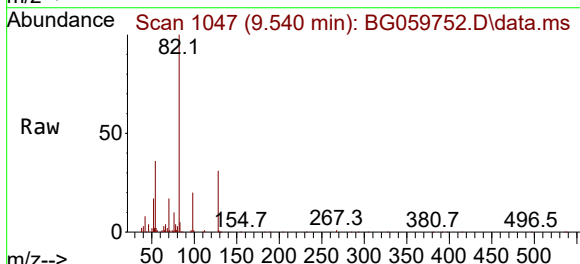
Instrument :
BNA_G
ClientSampleId :

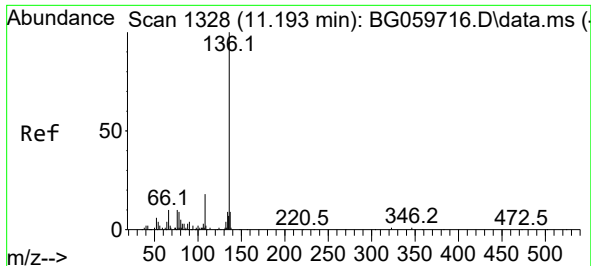
Tgt Ion: 99 Resp: 200340
Ion Ratio Lower Upper
99 100
42 22.7 14.3 21.5#
71 79.4 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 26.575 ng
RT: 9.540 min Scan# 1047
Delta R.T. 0.391 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion: 70 Resp: 28112
Ion Ratio Lower Upper
70 100
42 46.3 32.8 49.2
101 0.0 7.7 11.5#
130 1.6 12.3 18.5#

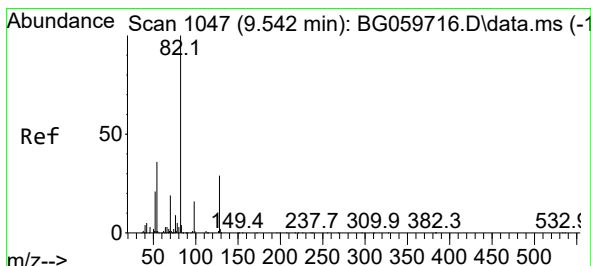
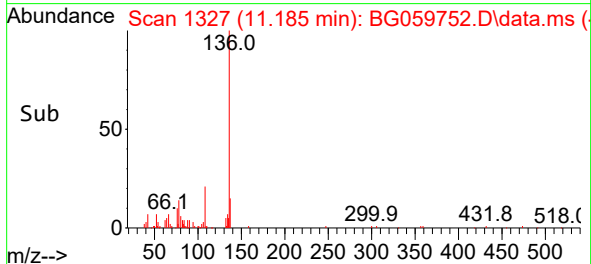
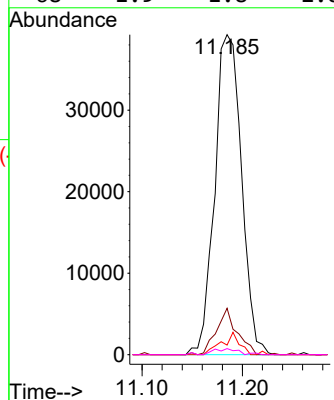
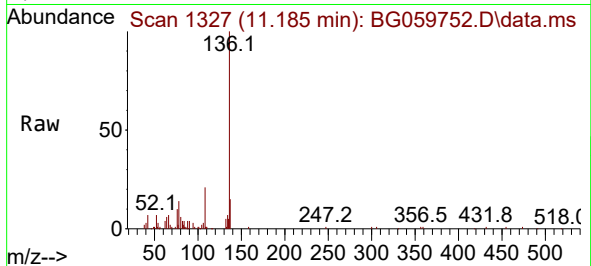




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.185 min Scan# 111
Delta R.T. -0.008 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

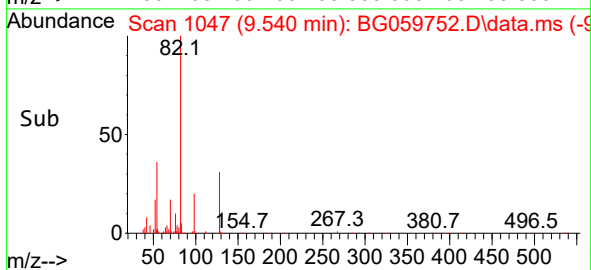
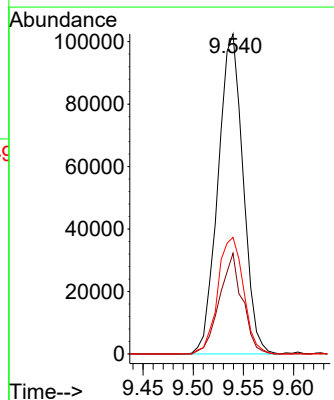
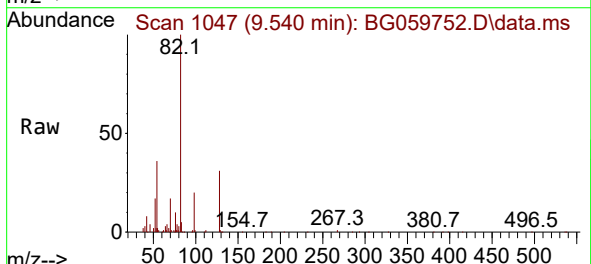
Instrument :
BNA_G
ClientSampleId :

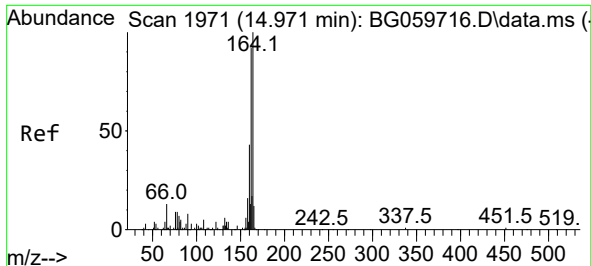
Tgt Ion:136 Resp: 72669
Ion Ratio Lower Upper
136 100
137 14.5 7.4 11.0#
54 3.0 3.1 4.7#
68 1.9 1.8 2.8



#23
Nitrobenzene-d5
Concen: 93.339 ng
RT: 9.540 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion: 82 Resp: 177598
Ion Ratio Lower Upper
82 100
128 31.5 23.0 34.6
54 36.5 28.7 43.1

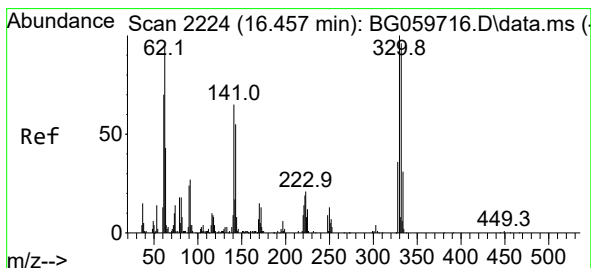
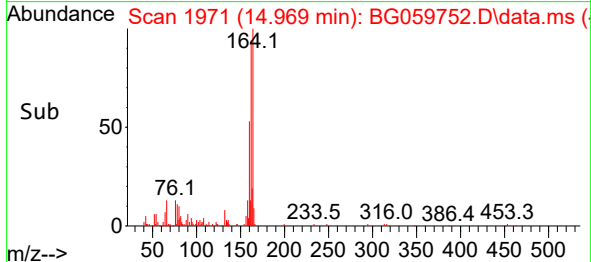
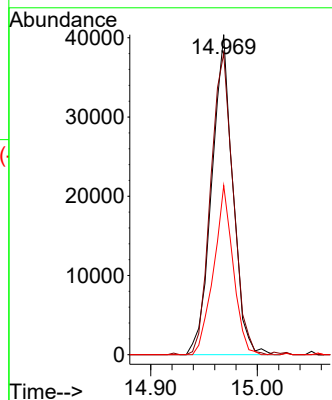
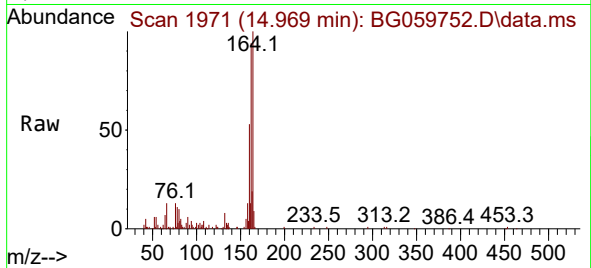




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

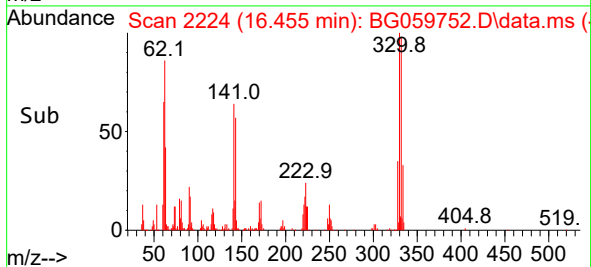
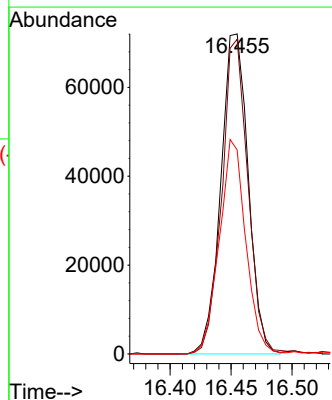
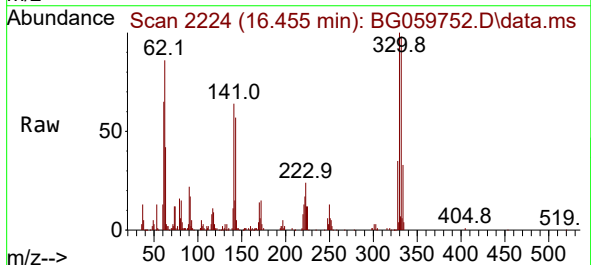
Instrument :
BNA_G
ClientSampleId :

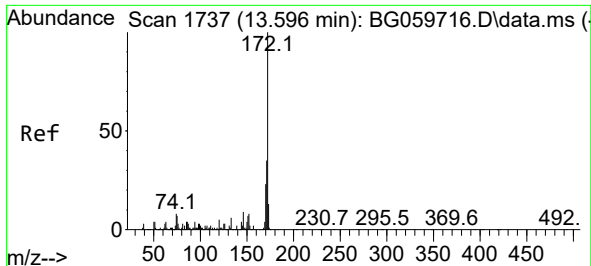
Tgt Ion:164 Resp: 55338
Ion Ratio Lower Upper
164 100
162 94.1 73.3 109.9
160 52.9 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 179.658 ng
RT: 16.455 min Scan# 2224
Delta R.T. -0.002 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion:330 Resp: 112803
Ion Ratio Lower Upper
330 100
332 94.1 73.3 109.9
141 64.6 52.1 78.1

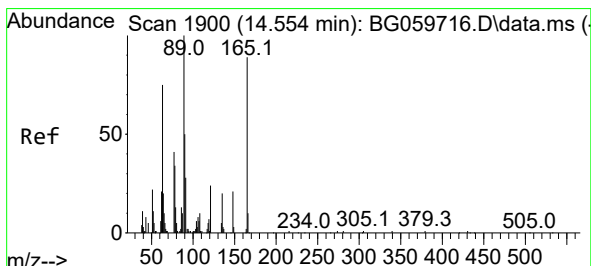
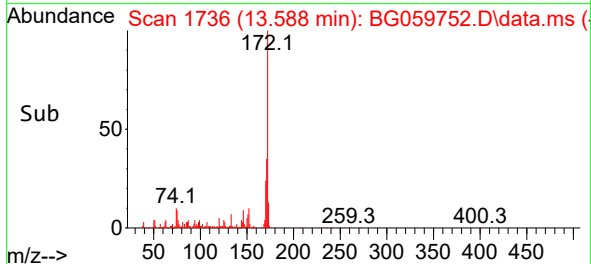
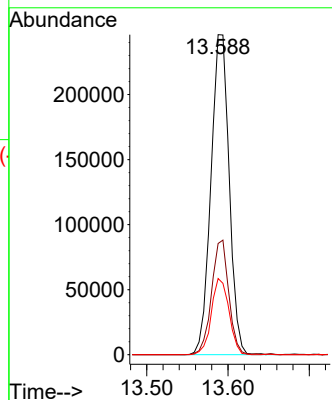
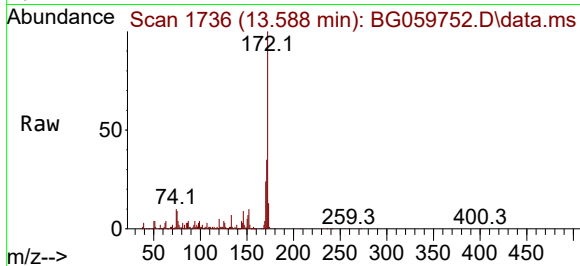




#45
2-Fluorobiphenyl
Concen: 93.183 ng
RT: 13.588 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

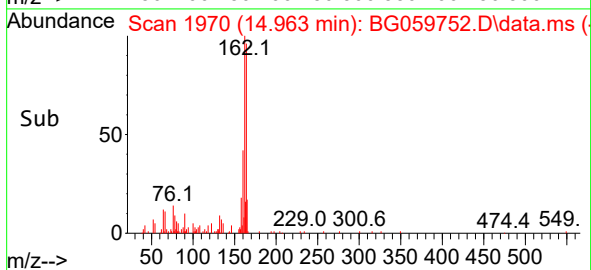
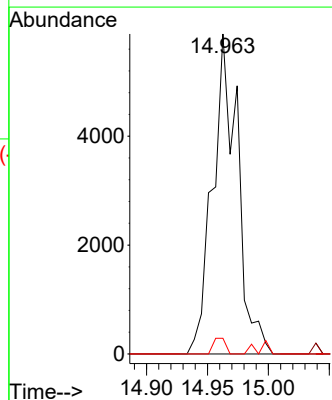
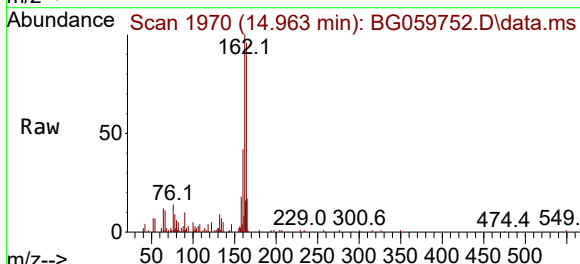
Instrument :
BNA_G
ClientSampleId :

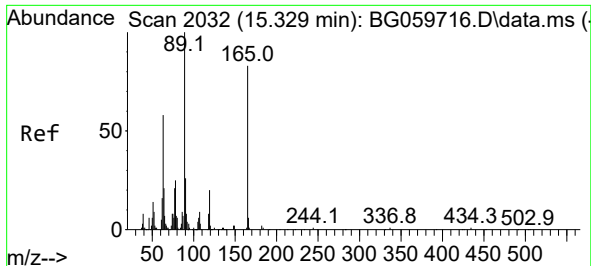
Tgt Ion:172 Resp: 383090
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 23.8 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 10.344 ng
RT: 14.963 min Scan# 1970
Delta R.T. 0.409 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion:165 Resp: 8415
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 4.9 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 6.726 ng

RT: 14.963 min Scan# 1970

Delta R.T. -0.367 min

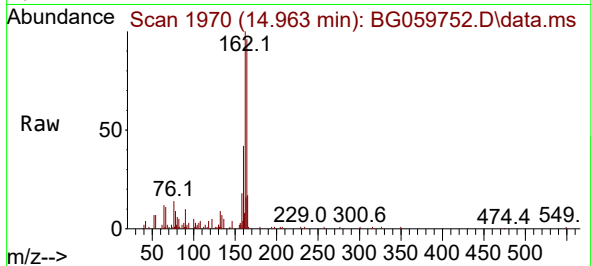
Lab File: BG059752.D

Acq: 18 Nov 2023 6:30

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 8415

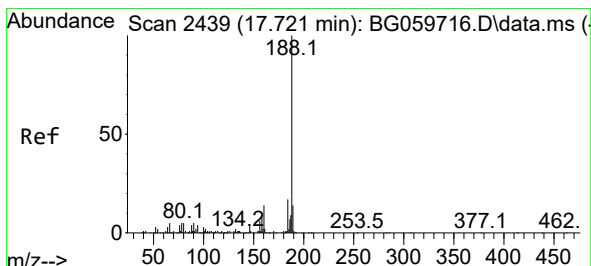
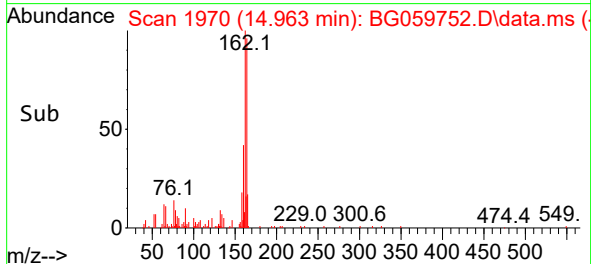
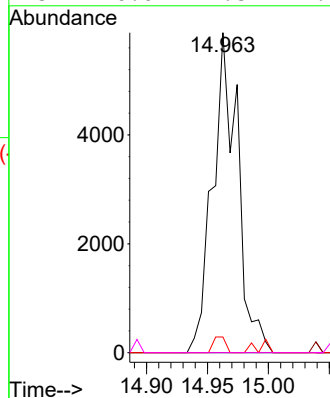
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 4.9 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG059752.D

Acq: 18 Nov 2023 6:30

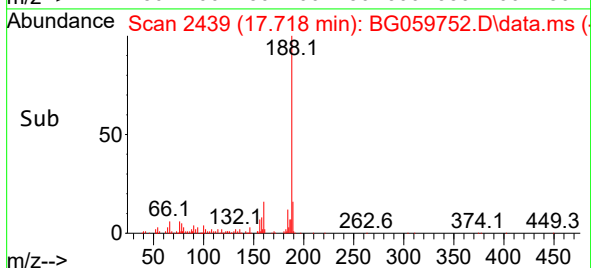
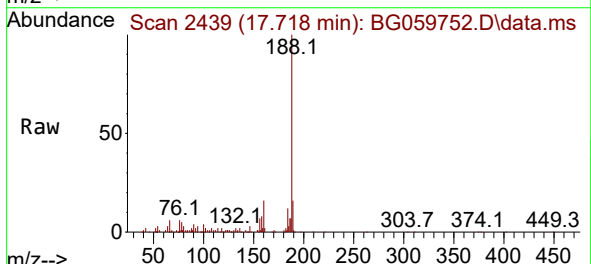
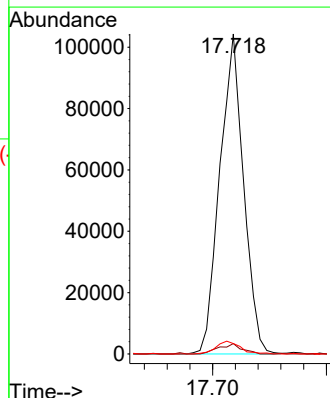
Tgt Ion:188 Resp: 151468

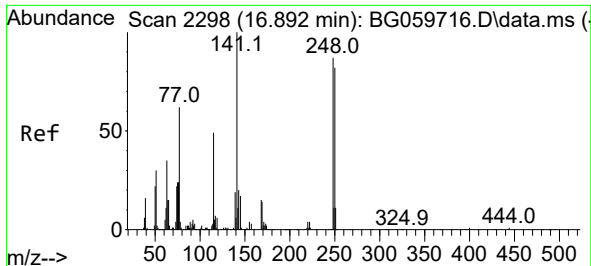
Ion Ratio Lower Upper

188 100

94 3.3 3.0 4.4

80 3.2 4.2 6.4#

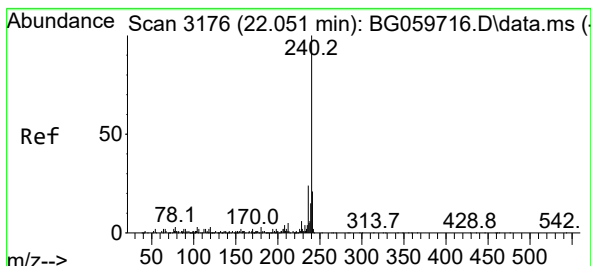
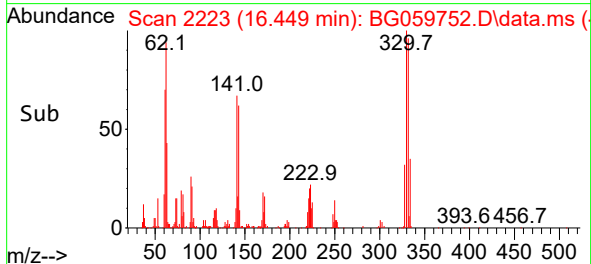
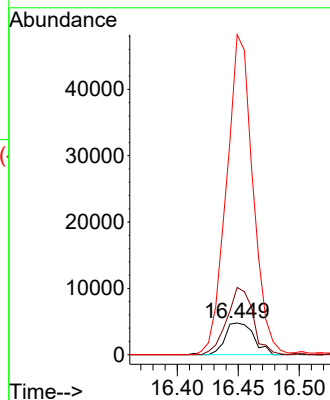
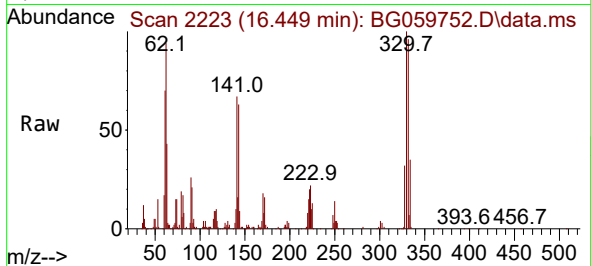




#67
4-Bromophenyl-phenylether
Concen: 4.824 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

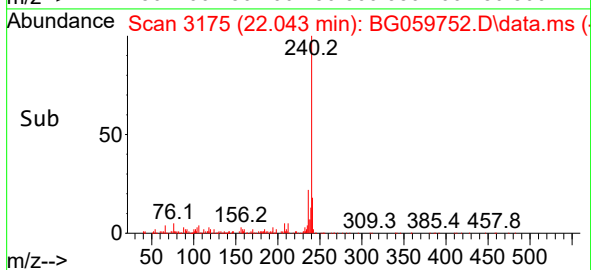
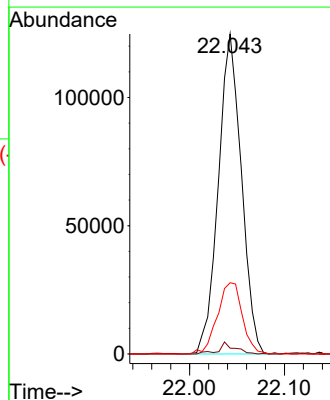
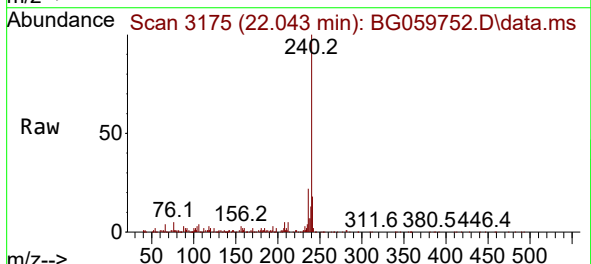
Instrument :
BNA_G
ClientSampleId :

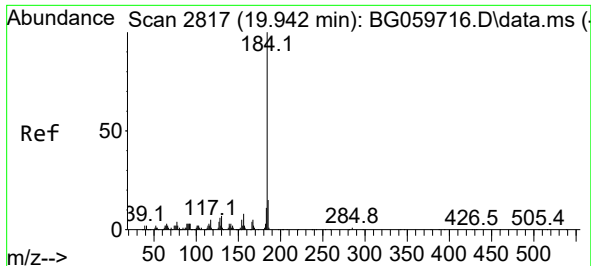
Tgt Ion:248 Resp: 7850
Ion Ratio Lower Upper
248 100
250 211.9 75.2 112.8#
141 1009.0 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.043 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion:240 Resp: 210864
Ion Ratio Lower Upper
240 100
120 1.8 2.2 3.2#
236 22.3 19.4 29.2

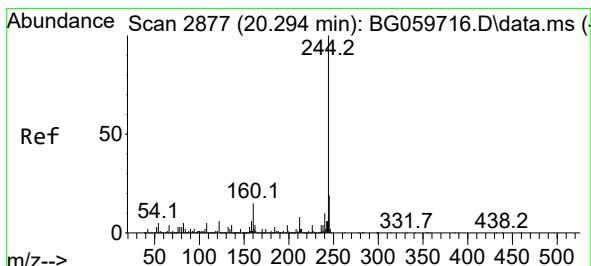
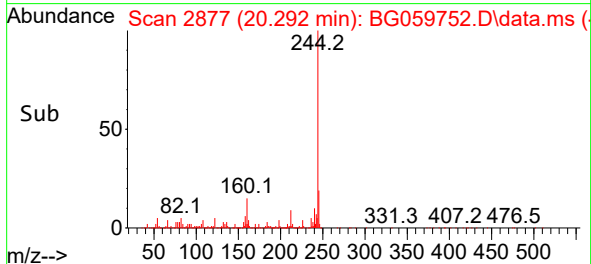
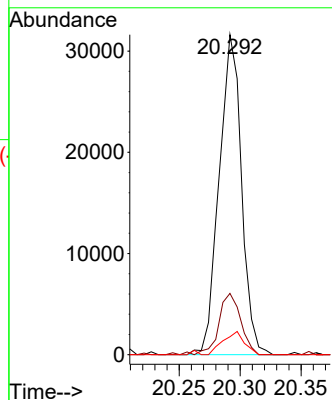
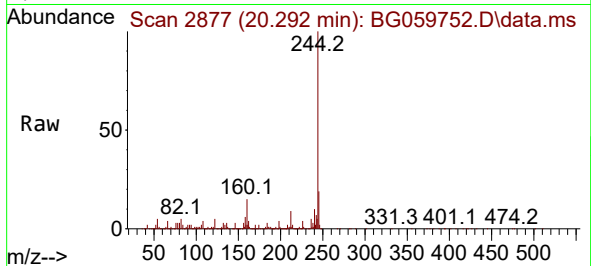




#77
Benzidine
Concen: 8.430 ng
RT: 20.292 min Scan# 2877
Delta R.T. 0.350 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

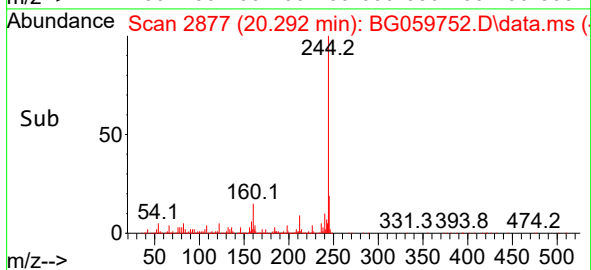
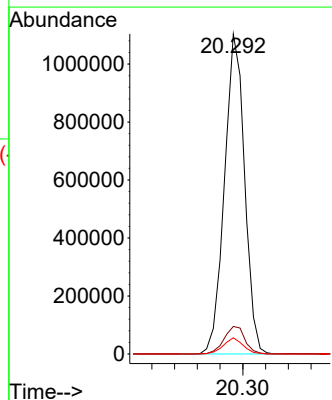
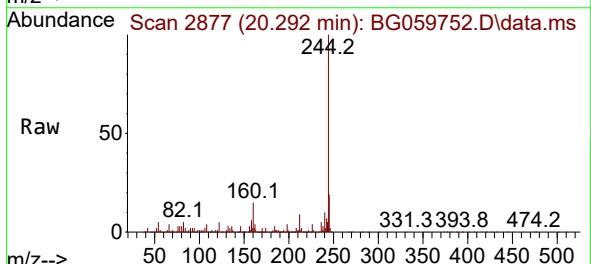
Instrument :
BNA_G
ClientSampleId :

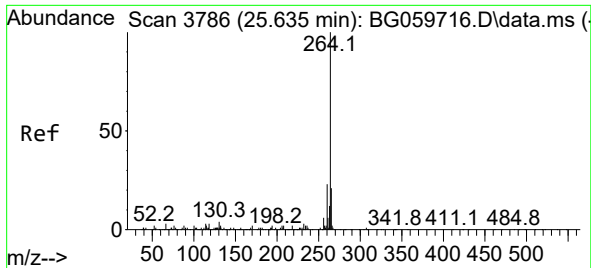
Tgt Ion:184 Resp: 40310
Ion Ratio Lower Upper
184 100
185 19.2 12.2 18.2#
183 5.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 94.934 ng
RT: 20.292 min Scan# 2877
Delta R.T. -0.002 min
Lab File: BG059752.D
Acq: 18 Nov 2023 6:30

Tgt Ion:244 Resp: 1356017
Ion Ratio Lower Upper
244 100
212 8.6 6.6 10.0
122 5.1 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.621 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BG059752.D
 Acq: 18 Nov 2023 6:30

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:264 Resp: 253256
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.5 27.7
 265 17.8 17.0 25.6

