

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057854.D
 Acq On : 23 Jun 2023 23:25
 Operator : CG/JU
 Sample : 03337-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-8

Quant Time: Jun 25 01:40:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

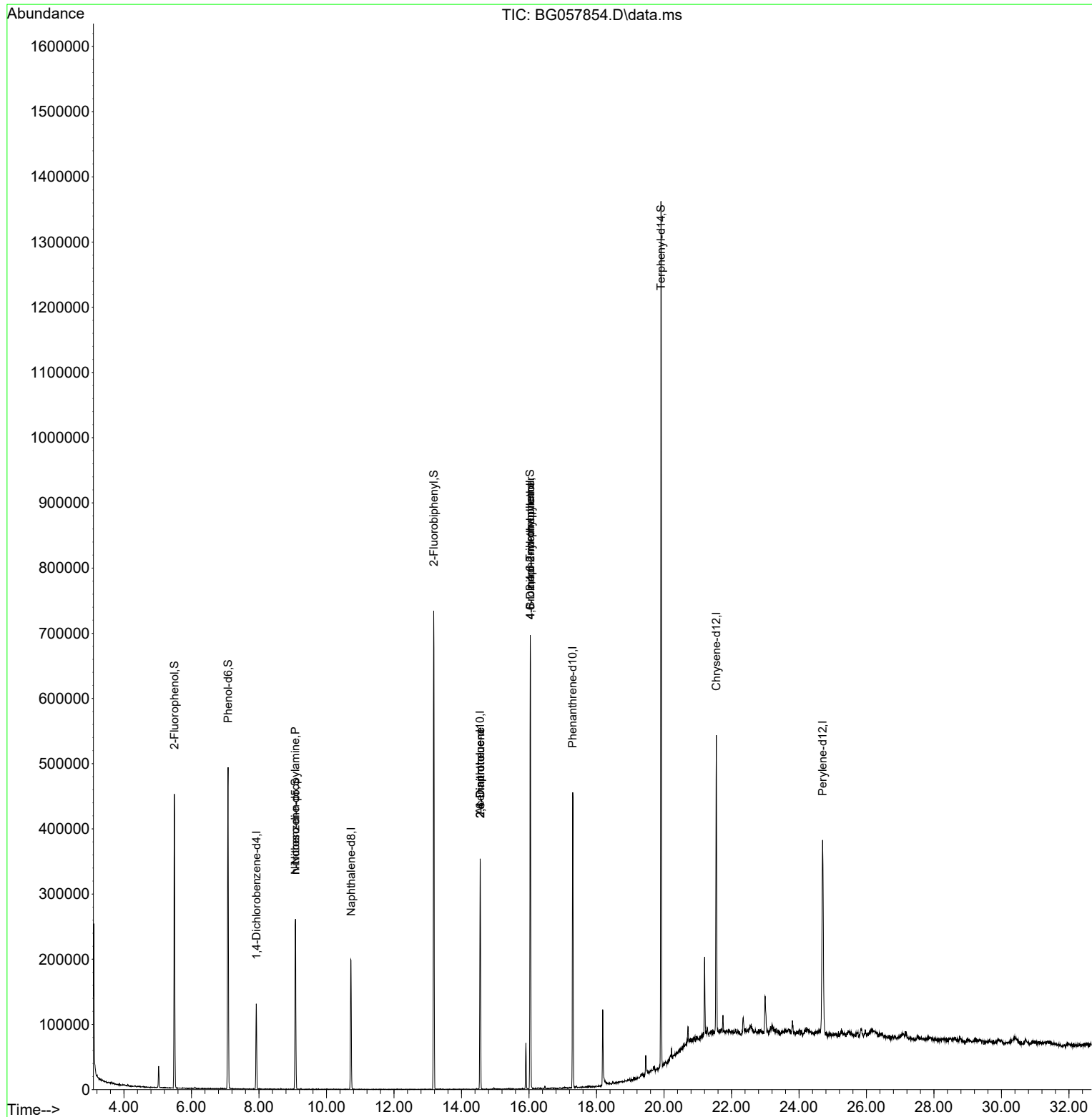
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	35885	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	168632	20.000	ng	# 0.00
39) Acenaphthene-d10	14.552	164	129345	20.000	ng	-0.01
64) Phenanthrene-d10	17.296	188	299503	20.000	ng	-0.01
76) Chrysene-d12	21.550	240	263198	20.000	ng	-0.01
86) Perylene-d12	24.699	264	323489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	189544	81.443	ng	0.00
7) Phenol-d6	7.084	99	294427	82.911	ng	0.00
23) Nitrobenzene-d5	9.082	82	158140	48.130	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	151647	84.166	ng	-0.01
45) 2-Fluorobiphenyl	13.177	172	397478	46.610	ng	-0.01
79) Terphenyl-d14	19.910	244	711409	50.401	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.082	70	19586	7.911	ng	# 74
51) 2,6-Dinitrotoluene	14.558	165	16745	9.153	ng	# 20
57) 2,4-Dinitrotoluene	14.558	165	16745	6.750	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.044	198	424	5.586	ng	# 23
67) 4-Bromophenyl-phenylether	16.044	248	9645	3.037	ng	# 1

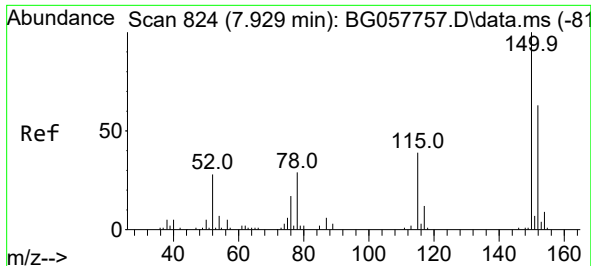
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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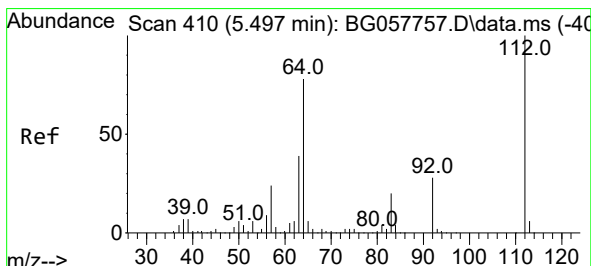
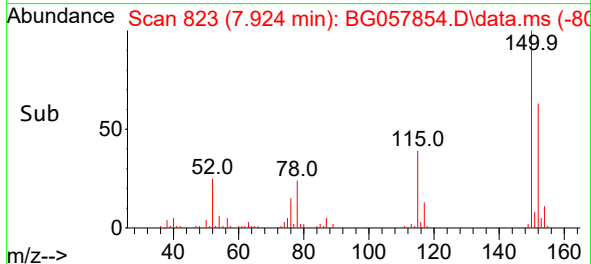
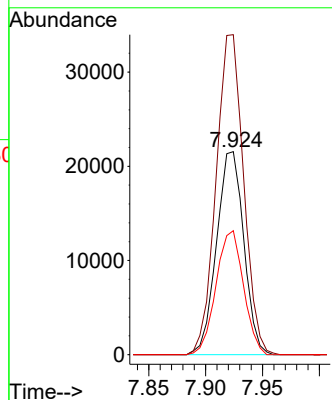
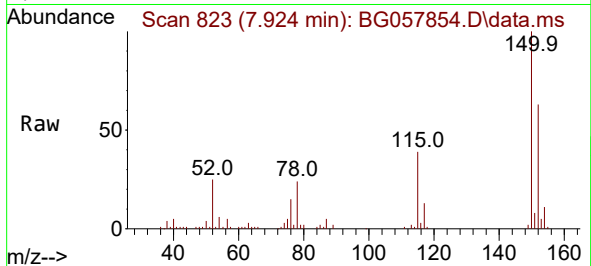




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

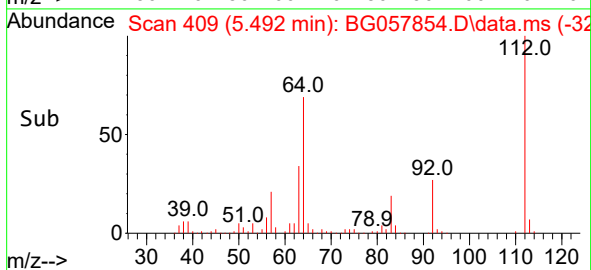
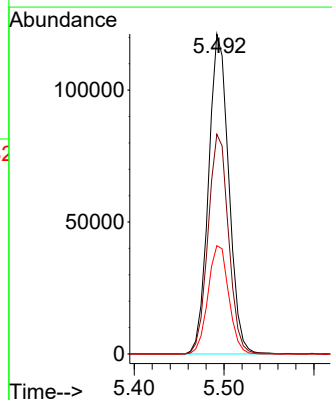
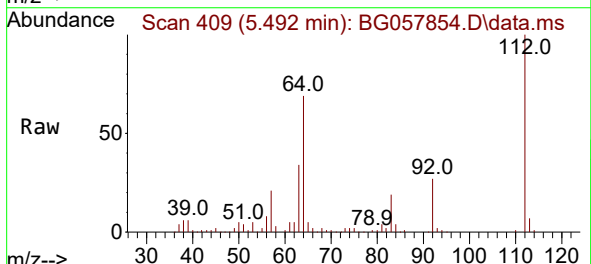
Instrument :
BNA_G
ClientSampleId :
WC-8

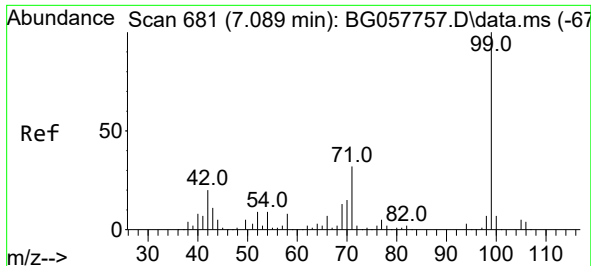
Tgt Ion:152 Resp: 35885
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 61.0 48.9 73.3



#5
2-Fluorophenol
Concen: 81.443 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.005 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

Tgt Ion:112 Resp: 189544
Ion Ratio Lower Upper
112 100
64 68.7 62.1 93.1
63 33.8 31.5 47.3

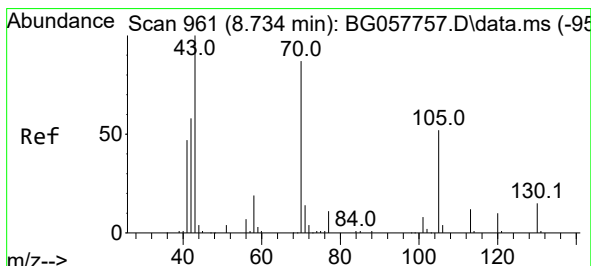
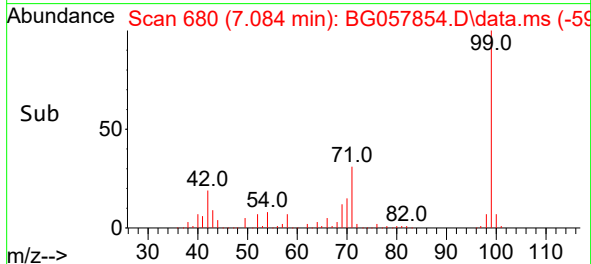
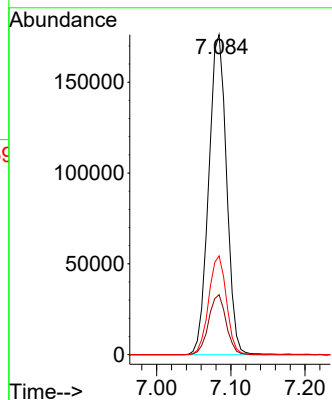
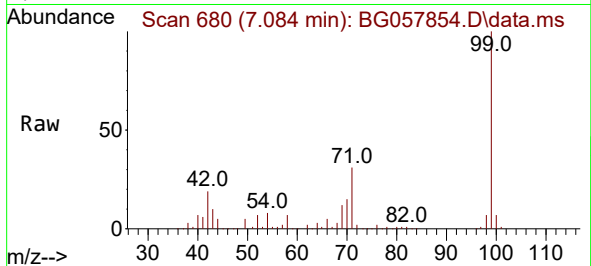




#7
Phenol-d6
Concen: 82.911 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

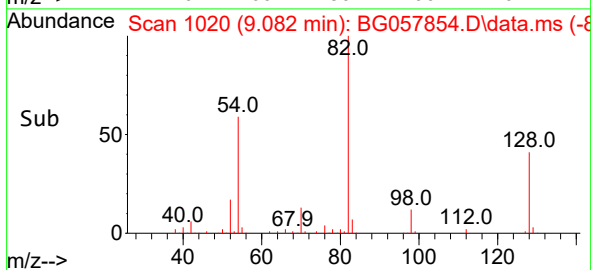
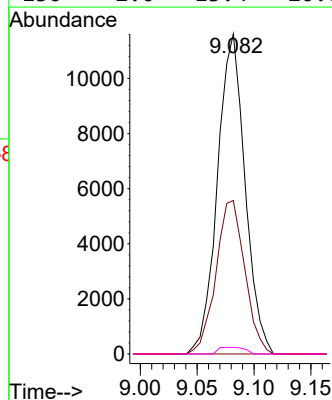
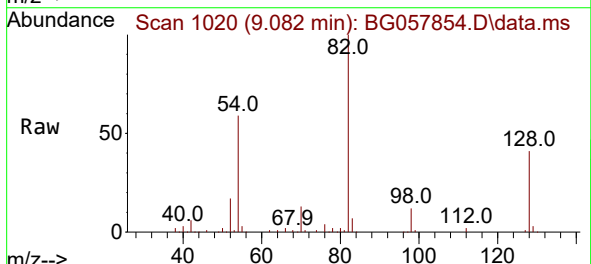
Instrument :
BNA_G
ClientSampleId :
WC-8

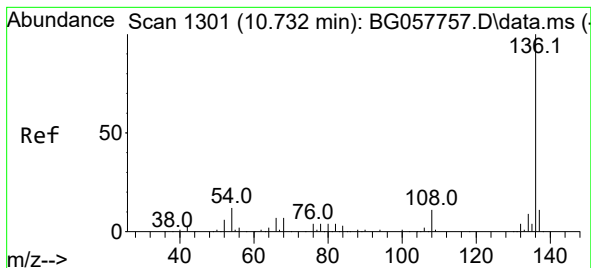
Tgt Ion: 99 Resp: 294427
Ion Ratio Lower Upper
99 100
42 18.8 16.4 24.6
71 30.9 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.911 ng
RT: 9.082 min Scan# 1020
Delta R.T. 0.348 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

Tgt Ion: 70 Resp: 19586
Ion Ratio Lower Upper
70 100
42 48.0 54.2 81.2#
101 0.0 7.4 11.0#
130 2.0 13.4 20.0#

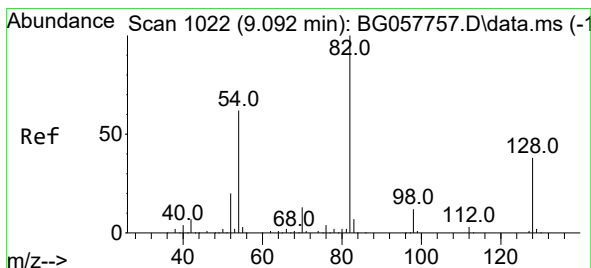
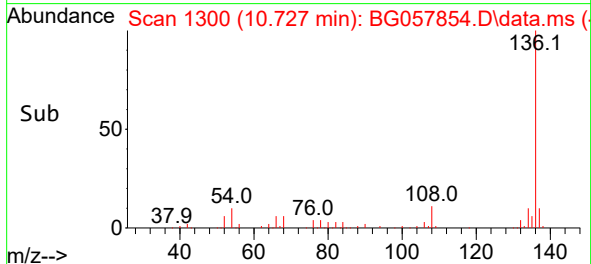
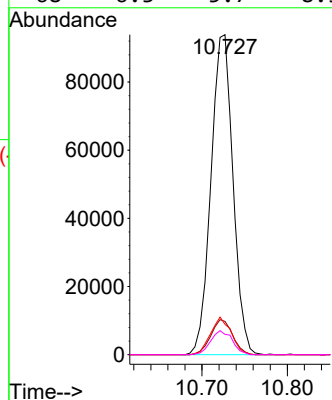
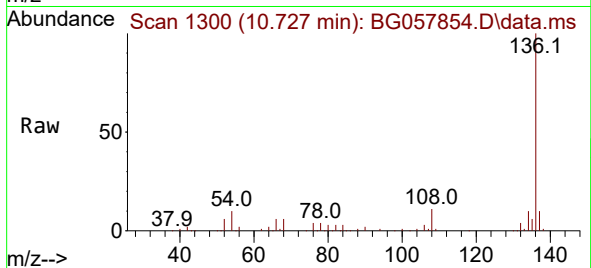




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

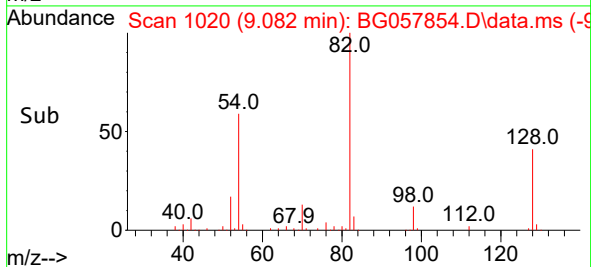
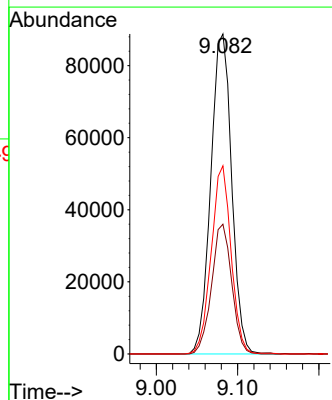
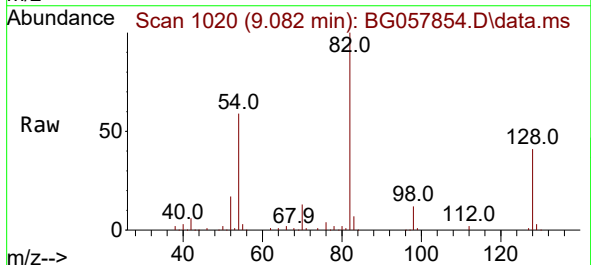
Instrument :
BNA_G
ClientSampleId :
WC-8

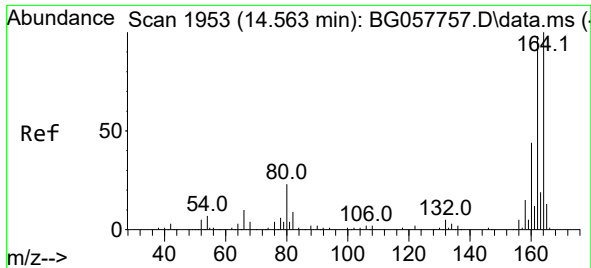
Tgt Ion:136 Resp: 168632
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.5 9.5 14.3#
68 6.3 5.7 8.5



#23
Nitrobenzene-d5
Concen: 48.130 ng
RT: 9.082 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

Tgt Ion: 82 Resp: 158140
Ion Ratio Lower Upper
82 100
128 40.6 30.7 46.1
54 58.8 49.6 74.4

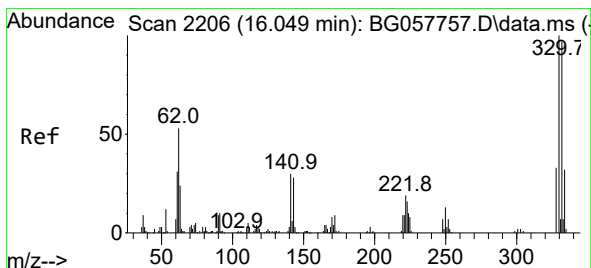
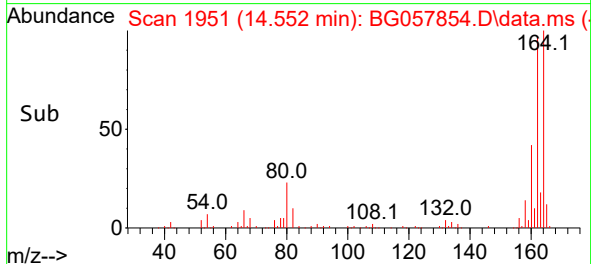
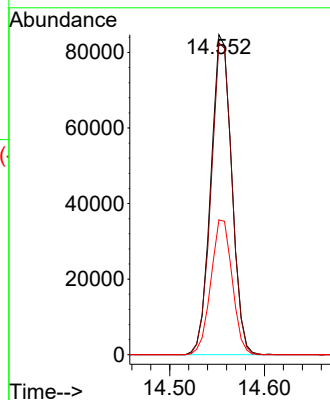
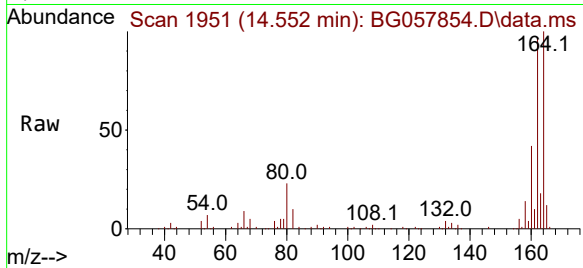




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.552 min Scan# 1951
Delta R.T. -0.011 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

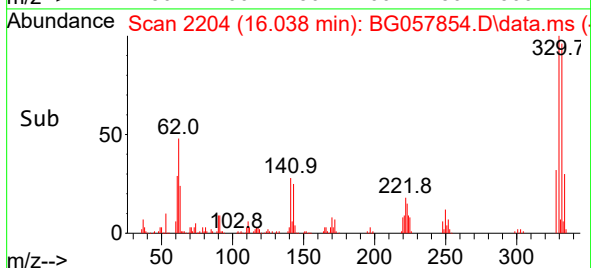
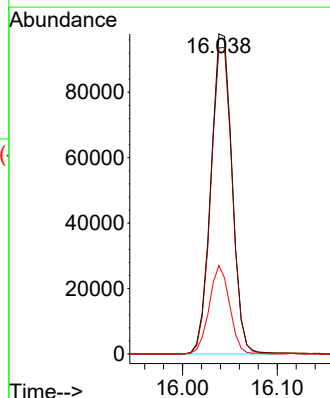
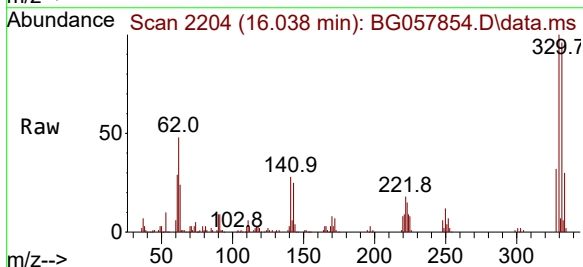
Instrument :
BNA_G
ClientSampleId :
WC-8

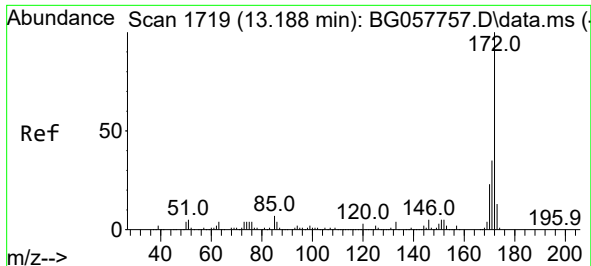
Tgt Ion:164 Resp: 129345
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 42.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 84.166 ng
RT: 16.038 min Scan# 2204
Delta R.T. -0.011 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

Tgt Ion:330 Resp: 151647
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 26.6 24.7 37.1

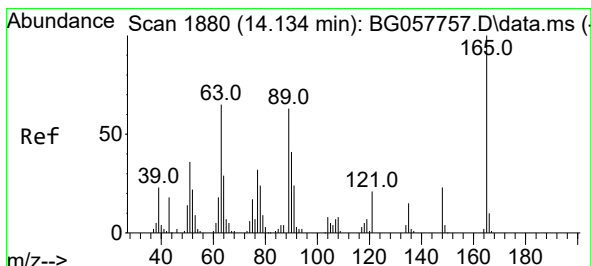
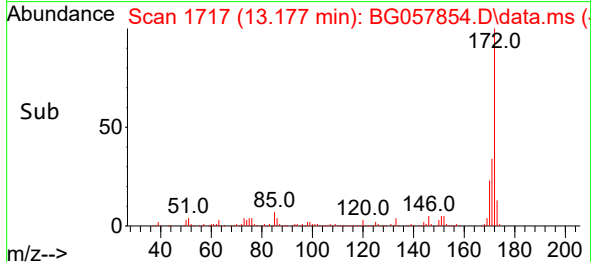
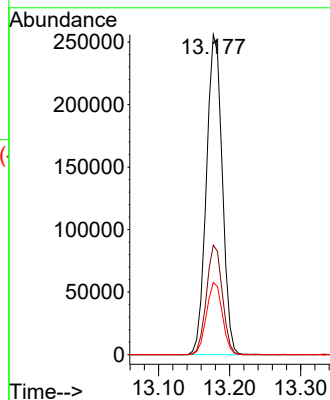
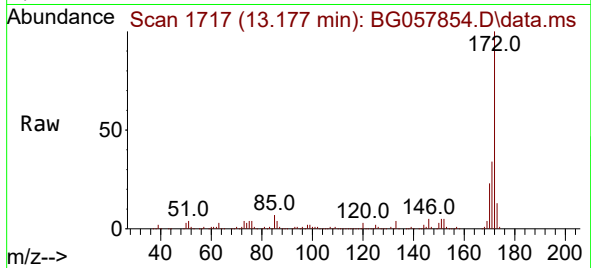




#45
2-Fluorobiphenyl
Concen: 46.610 ng
RT: 13.177 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

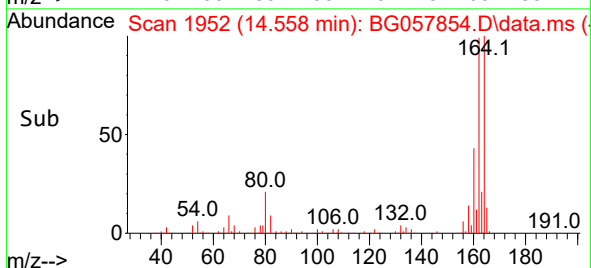
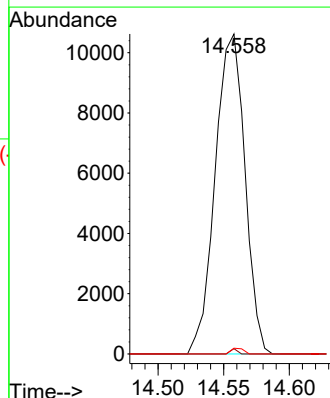
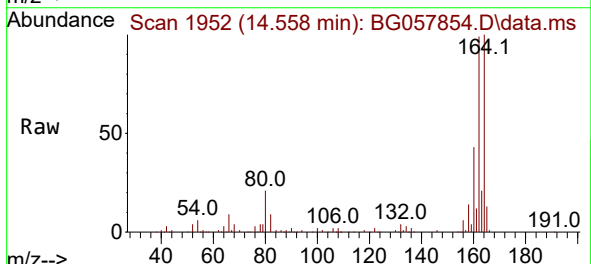
Instrument :
BNA_G
ClientSampleId :
WC-8

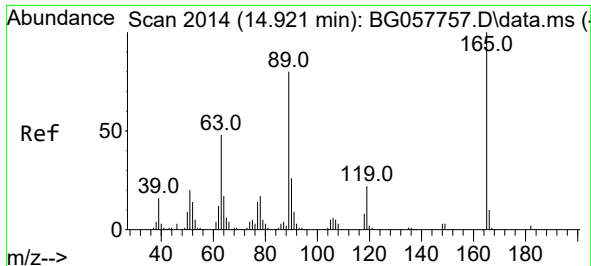
Tgt Ion:172 Resp: 397478
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.153 ng
RT: 14.558 min Scan# 1952
Delta R.T. 0.424 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

Tgt Ion:165 Resp: 16745
Ion Ratio Lower Upper
165 100
63 1.7 52.8 79.2#
89 1.8 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.750 ng

RT: 14.558 min Scan# 1952

Delta R.T. -0.363 min

Lab File: BG057854.D

Acq: 23 Jun 2023 23:25

Instrument :

BNA_G

ClientSampleId :

WC-8

Tgt Ion:165 Resp: 16745

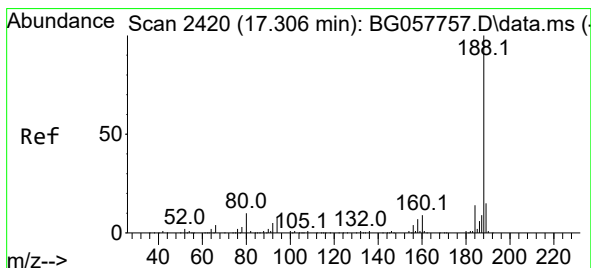
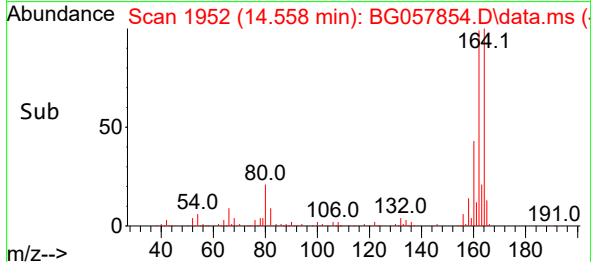
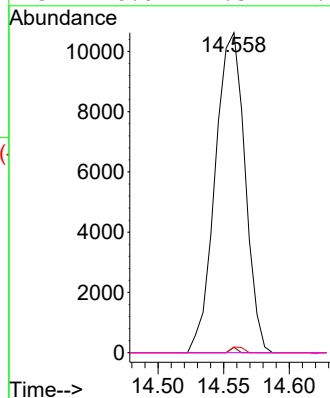
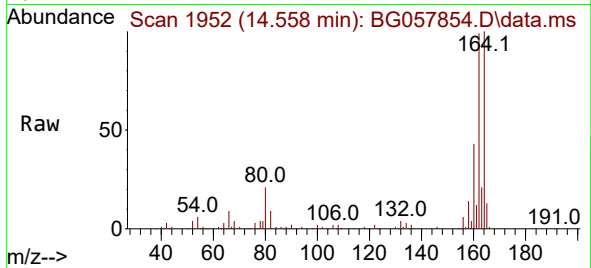
Ion Ratio Lower Upper

165 100

63 1.7 38.6 58.0#

89 1.8 63.7 95.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.296 min Scan# 2418

Delta R.T. -0.011 min

Lab File: BG057854.D

Acq: 23 Jun 2023 23:25

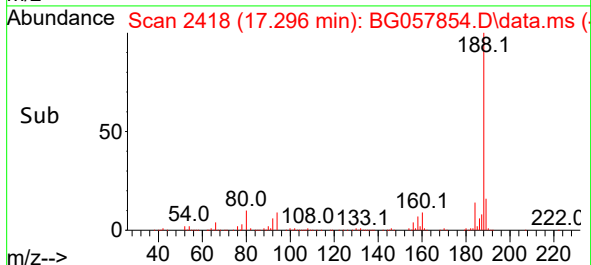
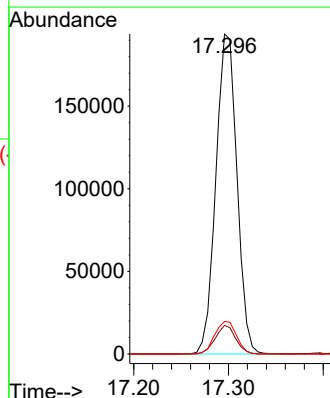
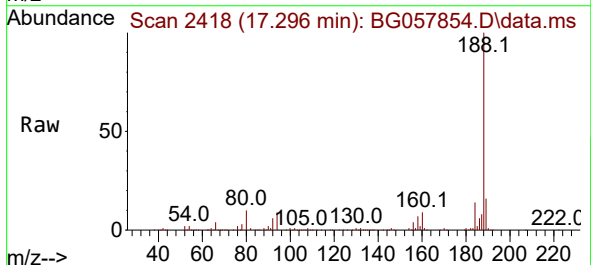
Tgt Ion:188 Resp: 299503

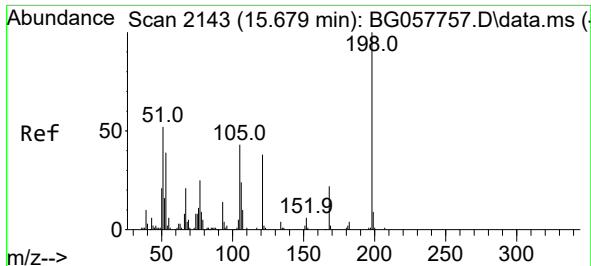
Ion Ratio Lower Upper

188 100

94 8.9 6.6 9.8

80 10.2 7.6 11.4

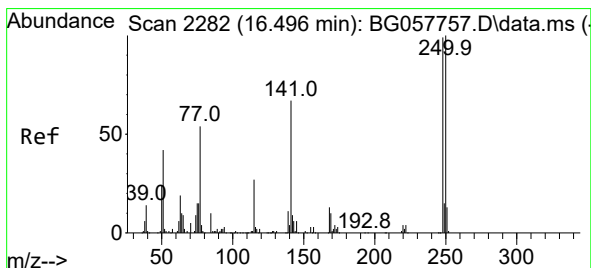
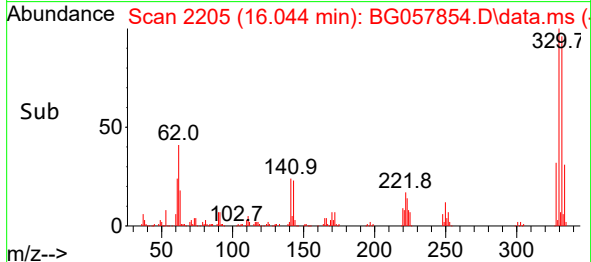
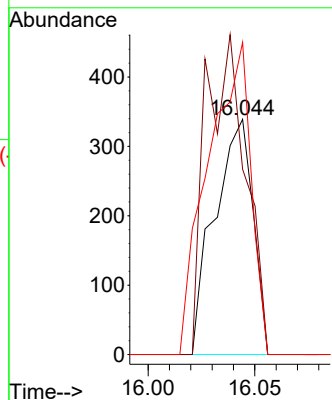
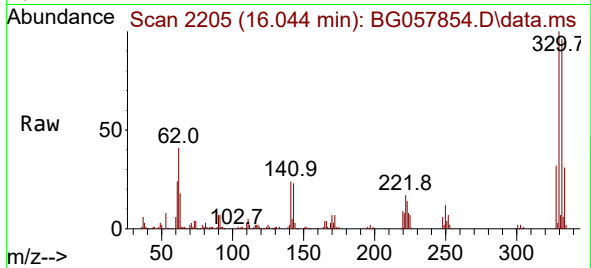




#65
4,6-Dinitro-2-methylphenol
Concen: 5.586 ng
RT: 16.044 min Scan# 2143
Delta R.T. 0.365 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

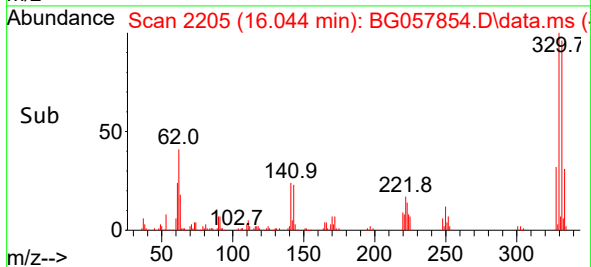
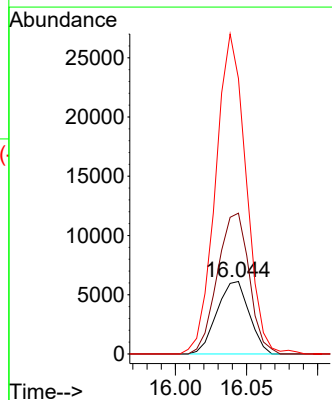
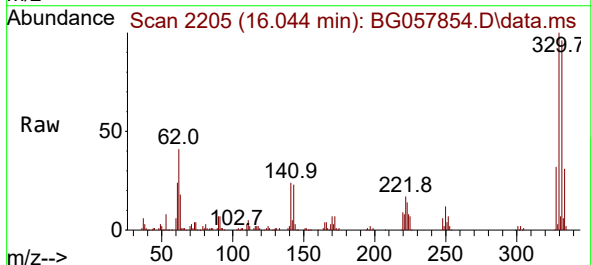
Instrument :
BNA_G
ClientSampleId :
WC-8

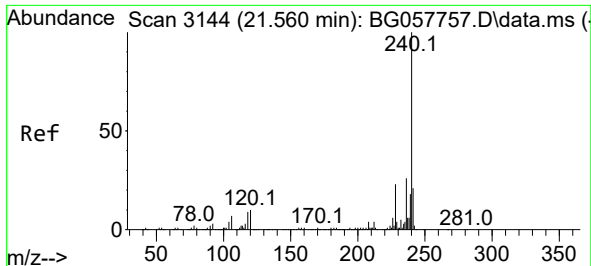
Tgt Ion:198 Resp: 424
Ion Ratio Lower Upper
198 100
51 78.8 36.6 76.6#
105 132.7 24.3 64.3#



#67
4-Bromophenyl-phenylether
Concen: 3.037 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.451 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

Tgt Ion:248 Resp: 9645
Ion Ratio Lower Upper
248 100
250 194.1 81.1 121.7#
141 379.7 54.6 81.8#

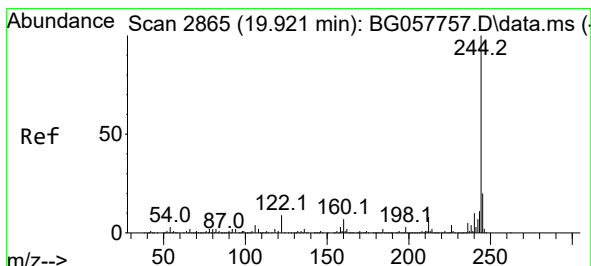
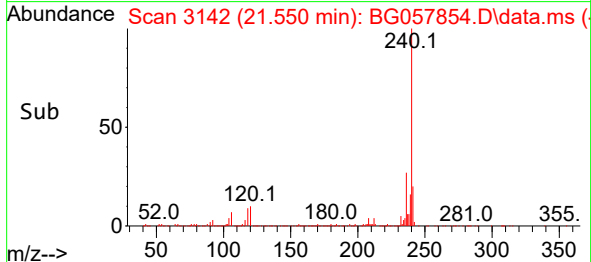
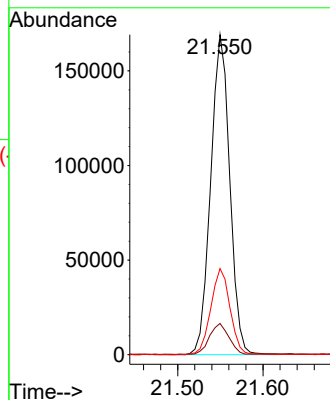
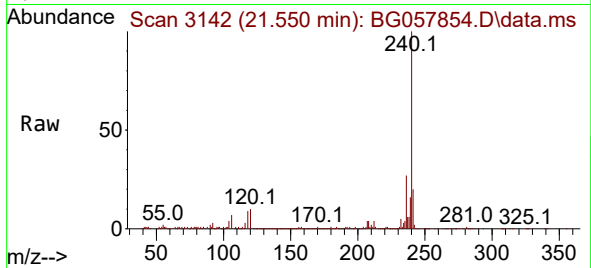




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3144
Delta R.T. -0.011 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

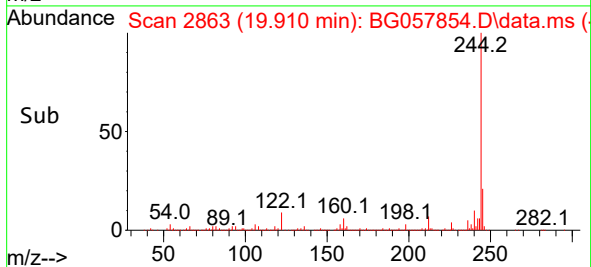
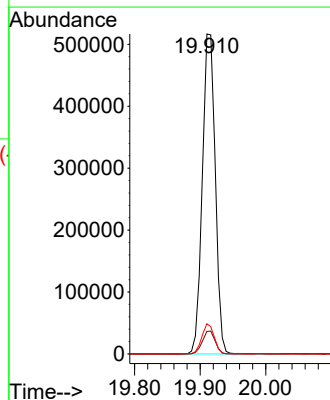
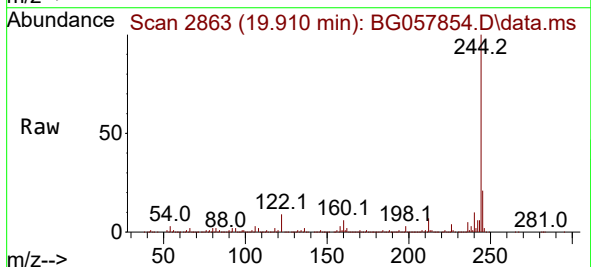
Instrument :
BNA_G
ClientSampleId :
WC-8

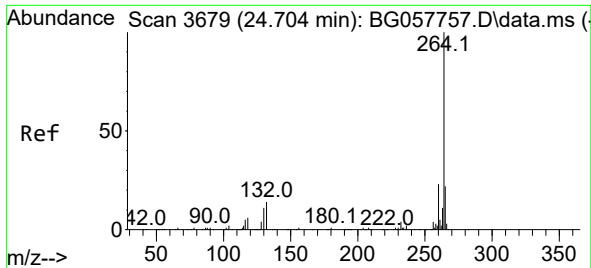
Tgt Ion:240 Resp: 263198
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.9 20.6 30.8



#79
Terphenyl-d14
Concen: 50.401 ng
RT: 19.910 min Scan# 2863
Delta R.T. -0.011 min
Lab File: BG057854.D
Acq: 23 Jun 2023 23:25

Tgt Ion:244 Resp: 711409
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 9.4 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.699 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG057854.D
 Acq: 23 Jun 2023 23:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-8

Tgt Ion:264 Resp: 323489
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 21.8 17.4 26.2

