

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058687.D
 Acq On : 10 Aug 2023 20:30
 Operator : MA/JU
 Sample : 03954-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-18

Quant Time: Aug 11 01:57:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

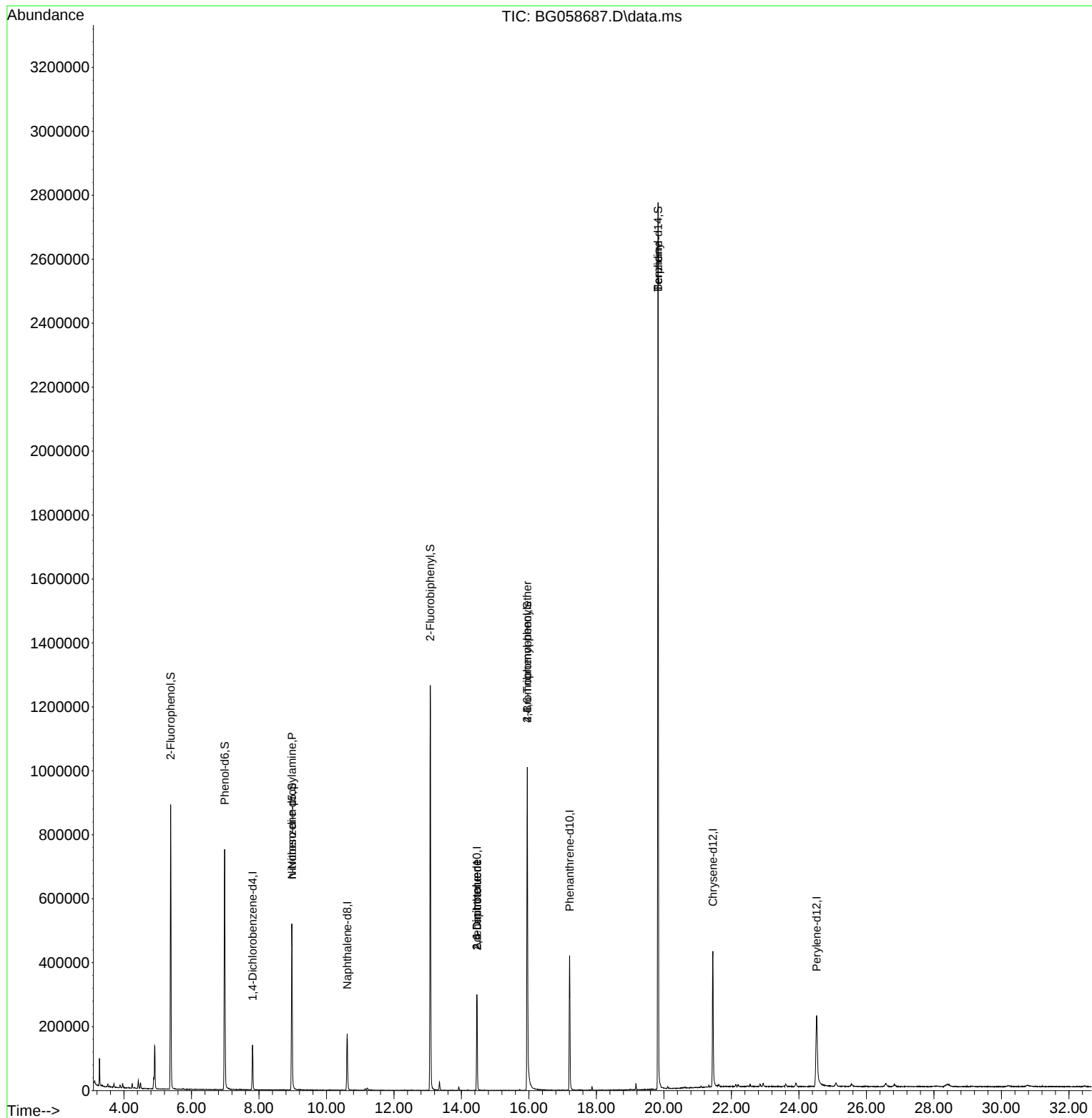
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	38752	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	159797	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	113156	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	302791	20.000	ng	0.00
76) Chrysene-d12	21.449	240	277116	20.000	ng	0.00
86) Perylene-d12	24.522	264	304718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	364990	143.959	ng	0.00
7) Phenol-d6	6.984	99	466976	132.366	ng	0.00
23) Nitrobenzene-d5	8.976	82	330250	101.526	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	265913	143.372	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	734030	97.212	ng	0.00
79) Terphenyl-d14	19.828	244	1564963	106.199	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.976	70	40293	17.682	ng	# 80
51) 2,6-Dinitrotoluene	14.458	165	14781	7.927	ng	# 24
57) 2,4-Dinitrotoluene	14.458	165	14781	5.718	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	16788	4.888	ng	# 1
77) Benzidine	19.828	184	19869	4.728	ng	# 93

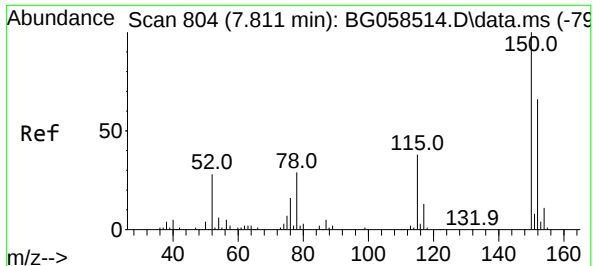
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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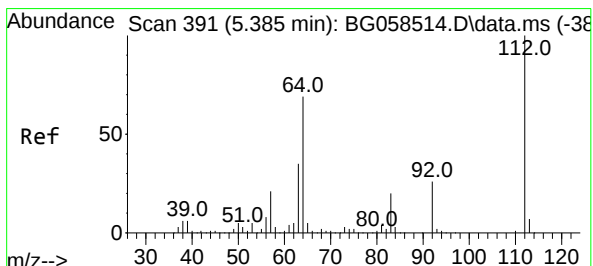
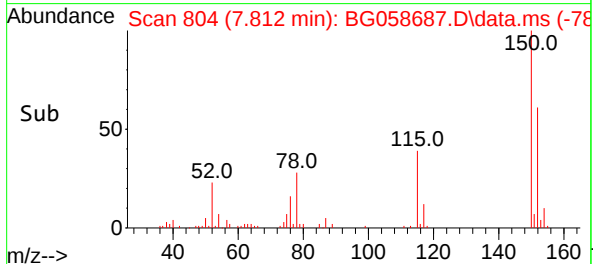
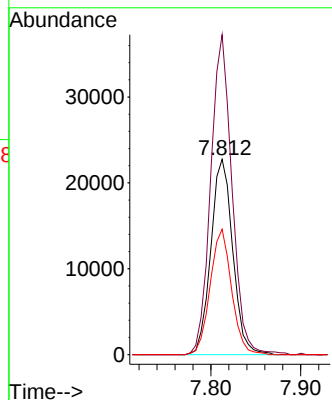
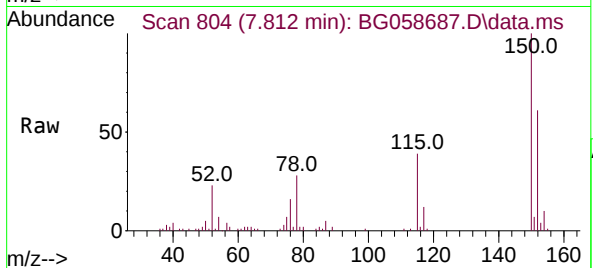




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

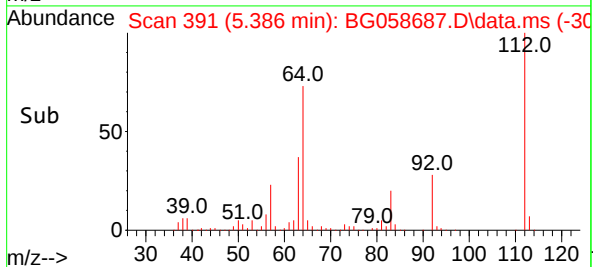
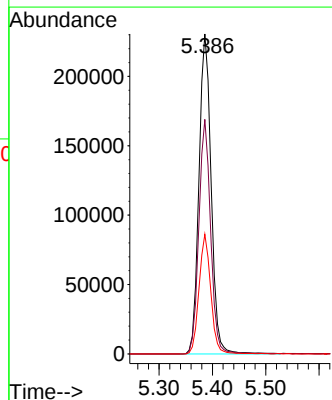
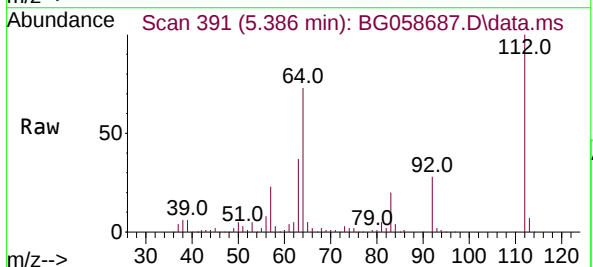
Instrument :
BNA_G
ClientSampleId :
WC-18

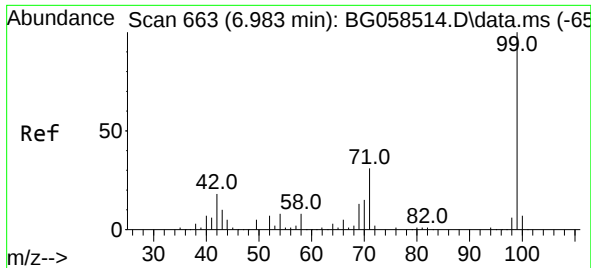
Tgt Ion:152 Resp: 38752
Ion Ratio Lower Upper
152 100
150 163.9 120.5 180.7
115 64.2 45.9 68.9



#5
2-Fluorophenol
Concen: 143.959 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

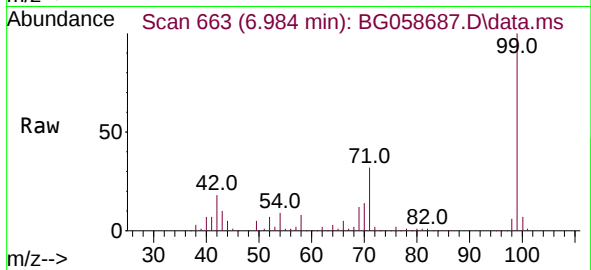
Tgt Ion:112 Resp: 364990
Ion Ratio Lower Upper
112 100
64 73.3 55.3 82.9
63 37.4 28.3 42.5



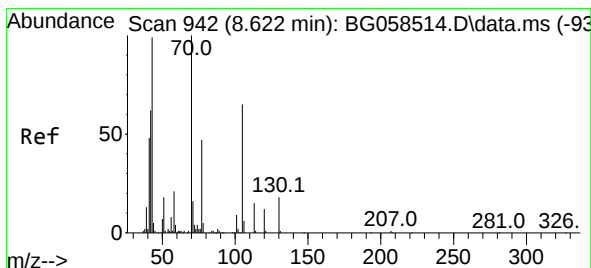
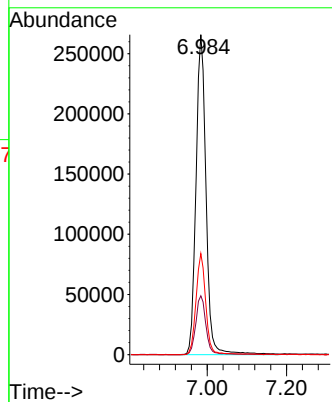
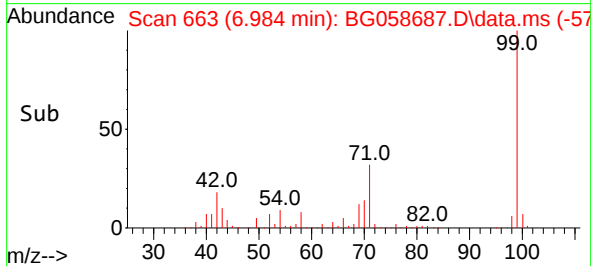


#7
Phenol-d6
Concen: 132.366 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

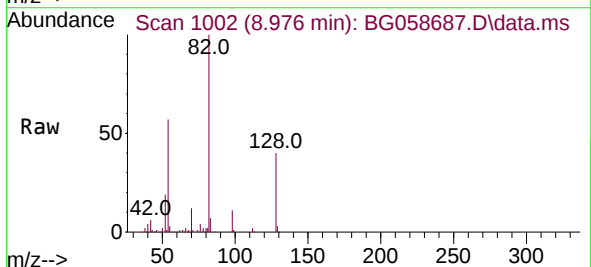
Instrument :
BNA_G
ClientSampleId :
WC-18



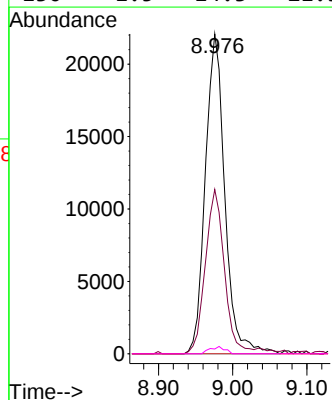
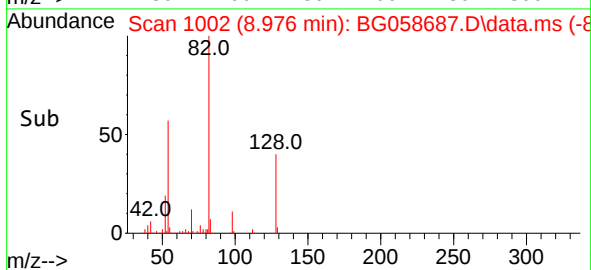
Tgt Ion:	99	Resp:	466976
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	21.8
71	31.6	25.0	37.4

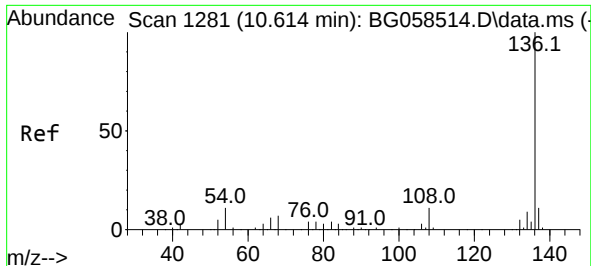


#19
n-Nitroso-di-n-propylamine
Concen: 17.682 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30



Tgt Ion:	70	Resp:	40293
Ion	Ratio	Lower	Upper
70	100		
42	51.4	49.7	74.5
101	0.0	7.0	10.4#
130	1.5	14.3	21.5#

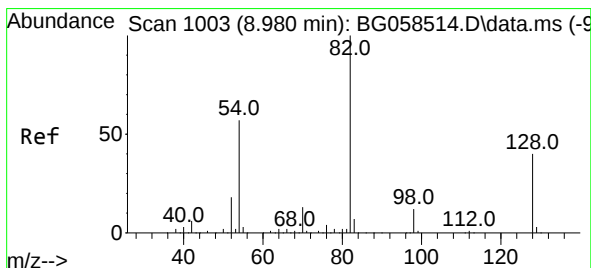
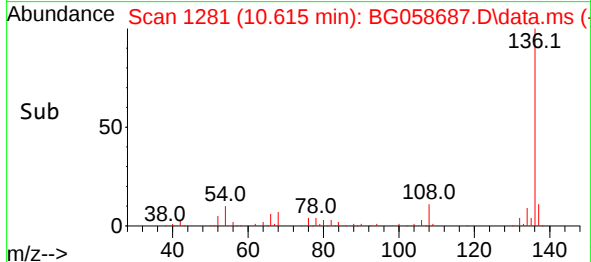
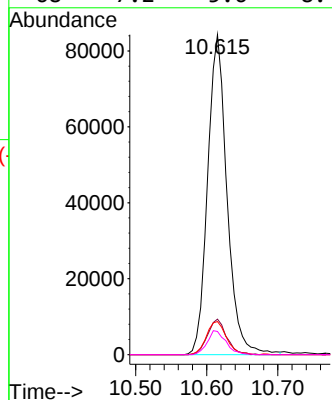
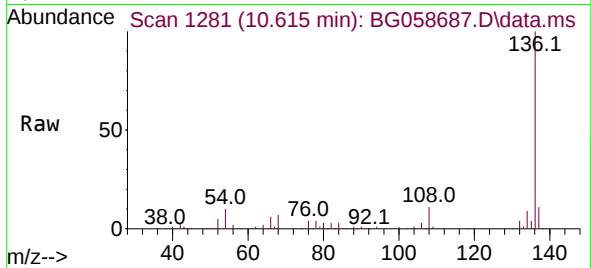




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

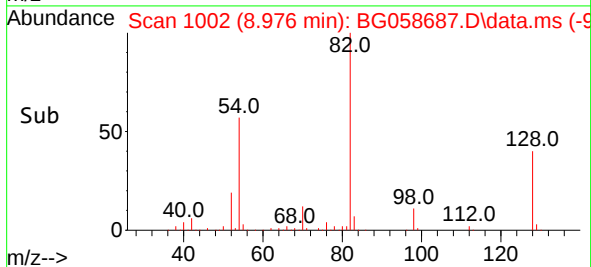
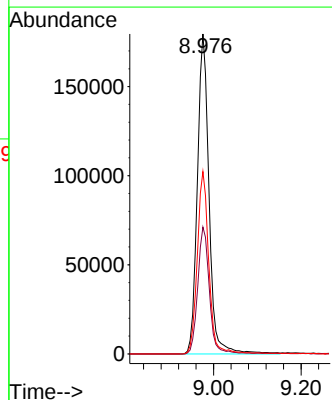
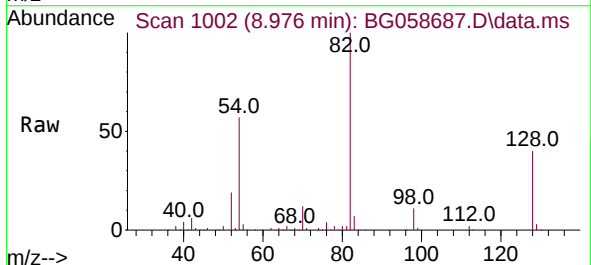
Instrument :
BNA_G
ClientSampleId :
WC-18

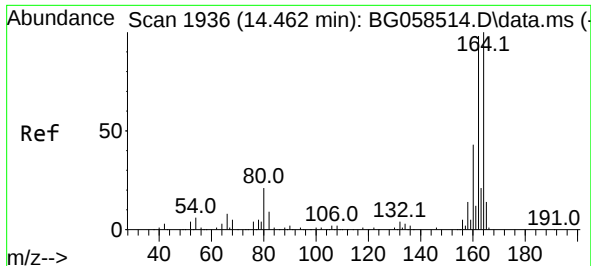
Tgt Ion:	136	Resp:	159797
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	10.3	8.9	13.3
68	7.2	5.6	8.4



#23
Nitrobenzene-d5
Concen: 101.526 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

Tgt Ion:	82	Resp:	330250
Ion Ratio	Lower	Upper	
82	100		
128	39.6	32.2	48.2
54	57.0	46.0	69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1936

Delta R.T. -0.005 min

Lab File: BG058687.D

Acq: 10 Aug 2023 20:30

Instrument :

BNA_G

ClientSampleId :

WC-18

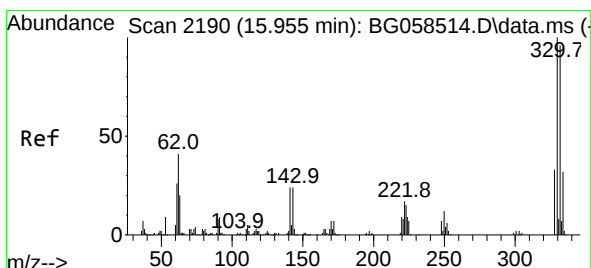
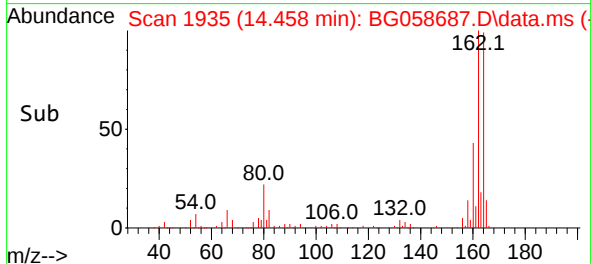
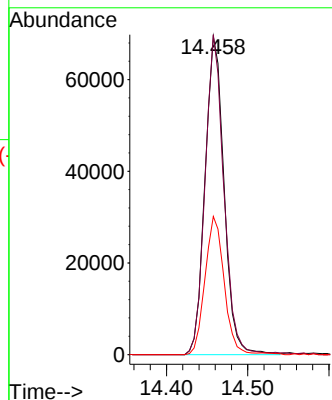
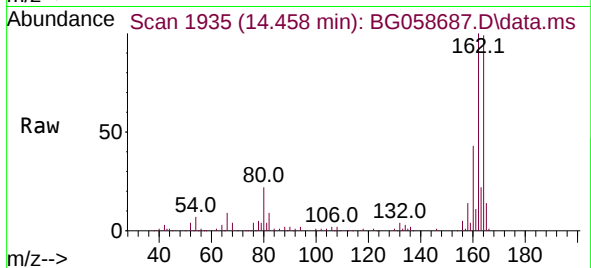
Tgt Ion:164 Resp: 113156

Ion Ratio Lower Upper

164 100

162 100.6 78.3 117.5

160 43.4 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 143.372 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.005 min

Lab File: BG058687.D

Acq: 10 Aug 2023 20:30

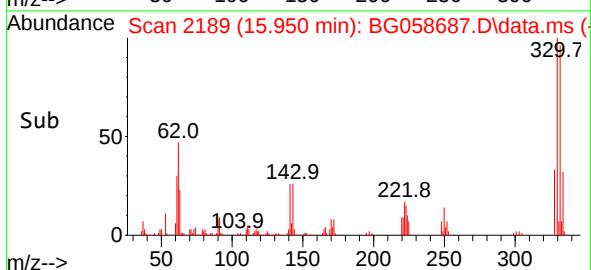
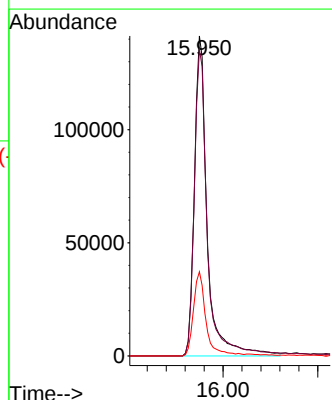
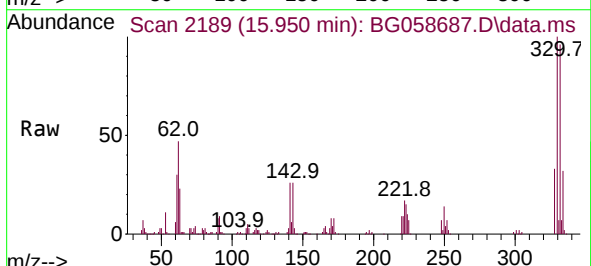
Tgt Ion:330 Resp: 265913

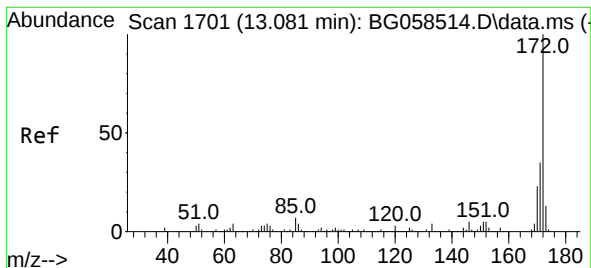
Ion Ratio Lower Upper

330 100

332 97.9 77.5 116.3

141 25.5 20.7 31.1

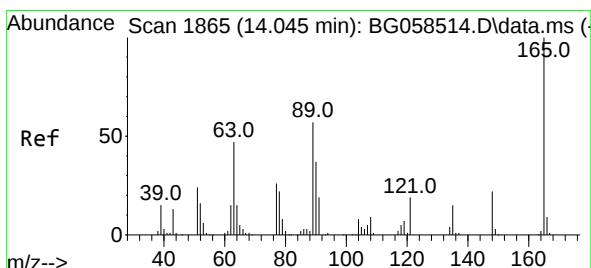
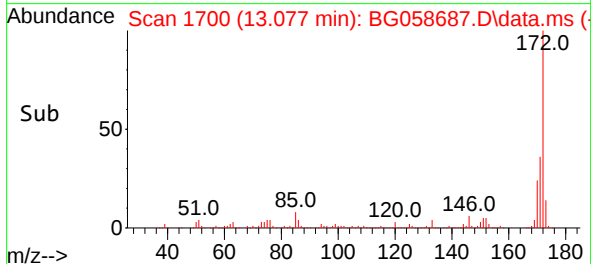
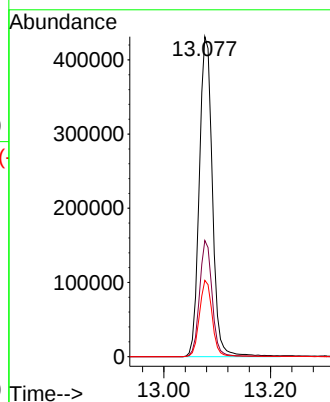
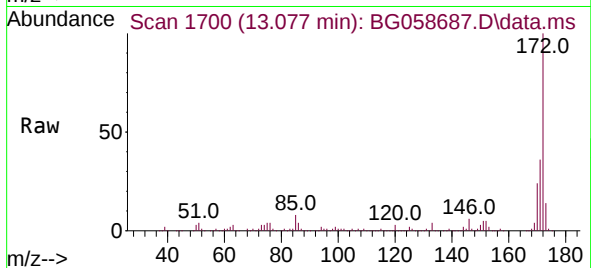




#45
2-Fluorobiphenyl
Concen: 97.212 ng
RT: 13.077 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

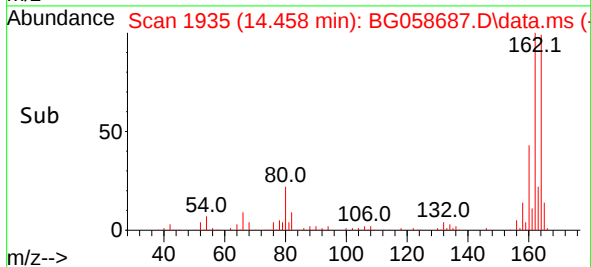
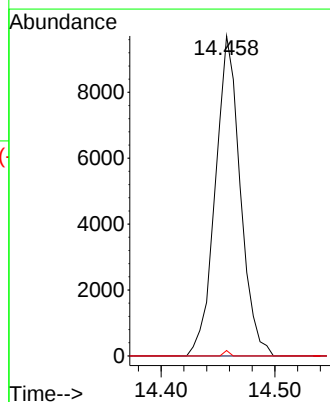
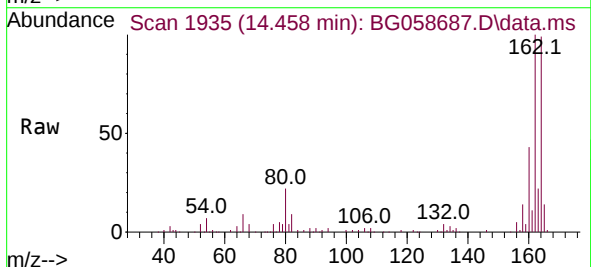
Instrument :
BNA_G
ClientSampleId :
WC-18

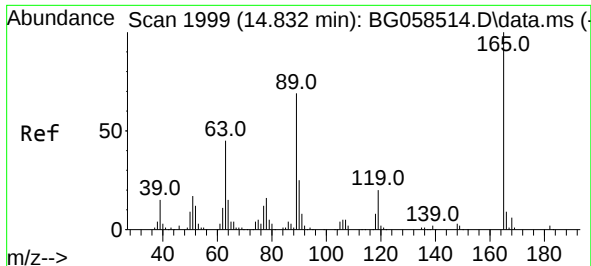
Tgt Ion:172 Resp: 734030
Ion Ratio Lower Upper
172 100
171 36.3 28.0 42.0
170 23.8 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.927 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

Tgt Ion:165 Resp: 14781
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.7 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.718 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.374 min

Lab File: BG058687.D

Acq: 10 Aug 2023 20:30

Instrument :

BNA_G

ClientSampleId :

WC-18

Tgt Ion:165 Resp: 14781

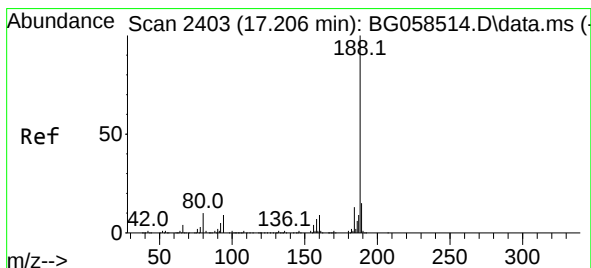
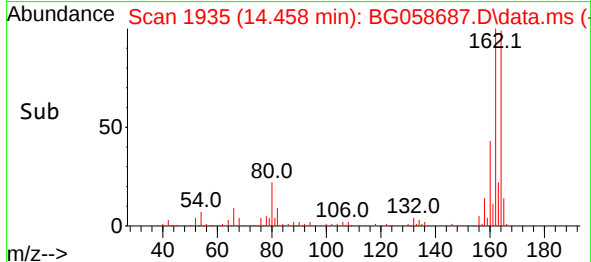
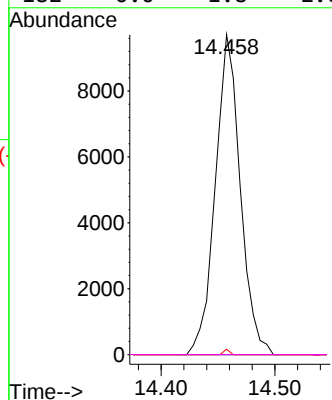
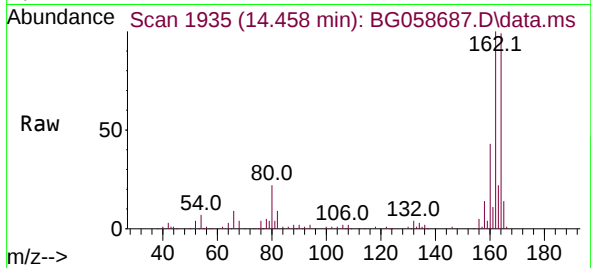
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 1.7 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058687.D

Acq: 10 Aug 2023 20:30

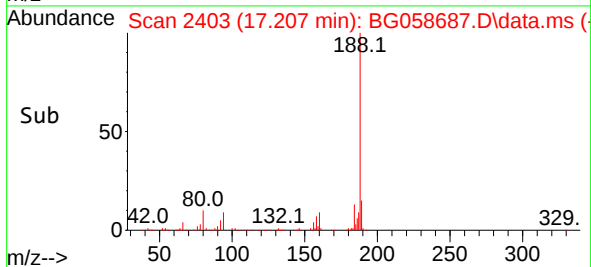
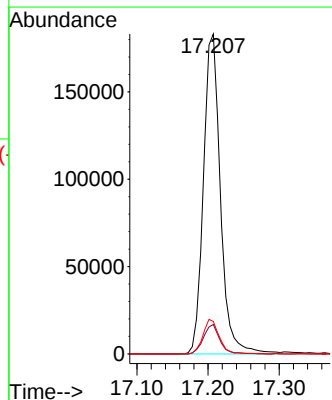
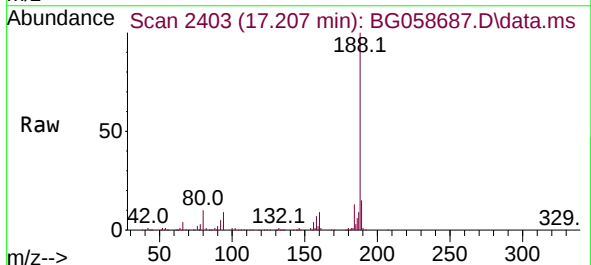
Tgt Ion:188 Resp: 302791

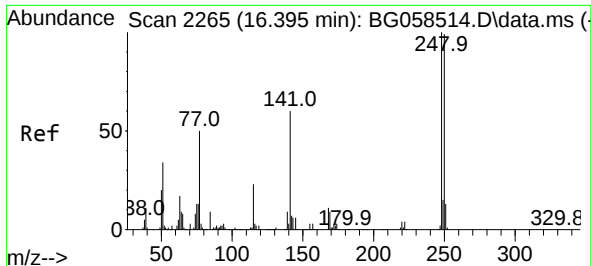
Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 10.1 8.1 12.1

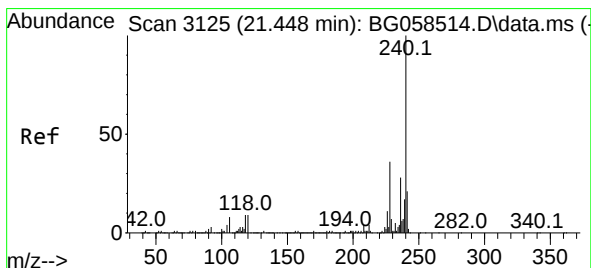
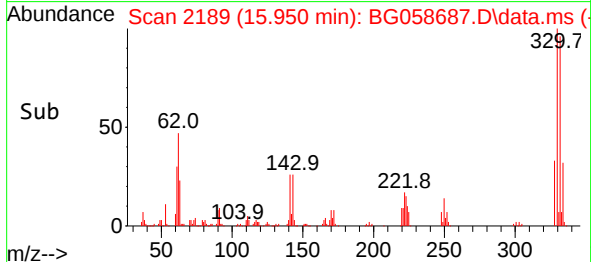
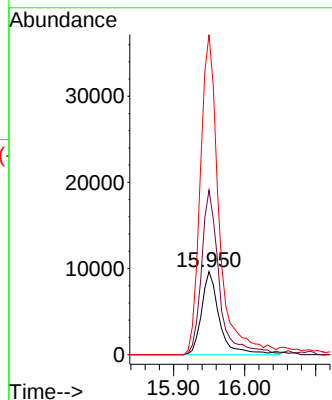
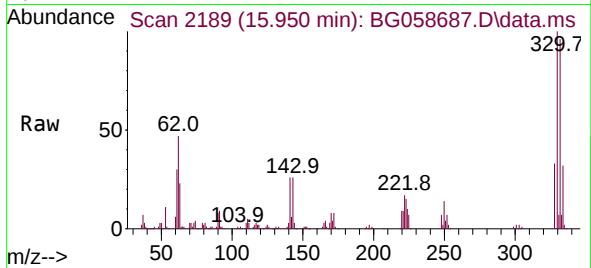




#67
4-Bromophenyl-phenylether
Concen: 4.888 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.445 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

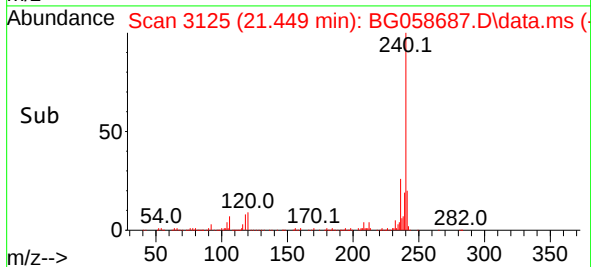
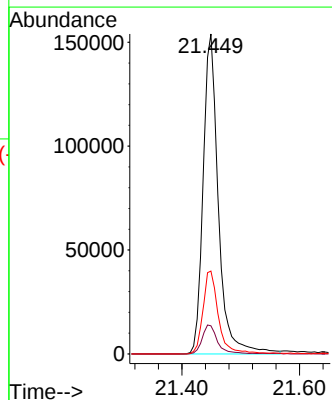
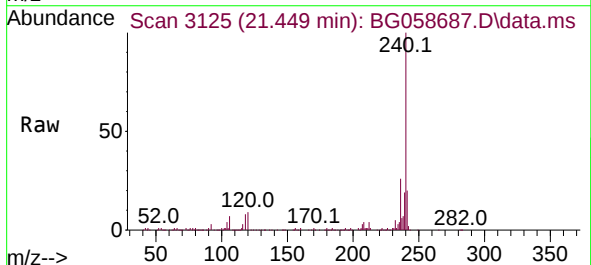
Instrument :
BNA_G
ClientSampleId :
WC-18

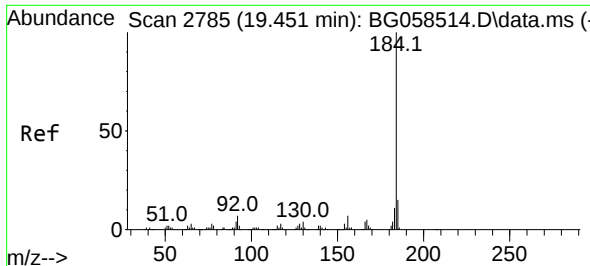
Tgt Ion:248 Resp: 16788
Ion Ratio Lower Upper
248 100
250 198.2 79.5 119.3#
141 385.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

Tgt Ion:240 Resp: 277116
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 25.9 22.2 33.4

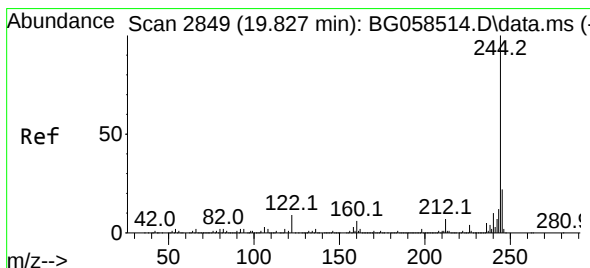
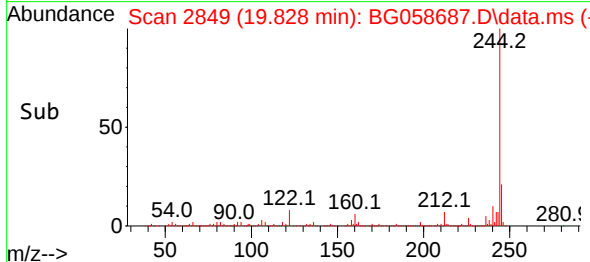
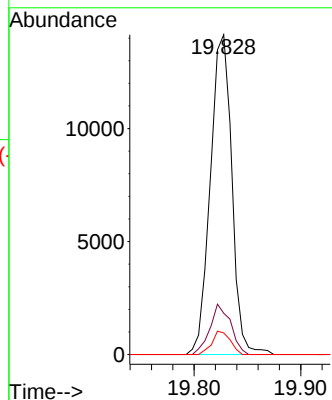
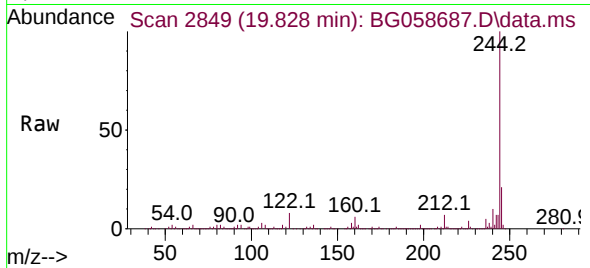




#77
Benzidine
Concen: 4.728 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

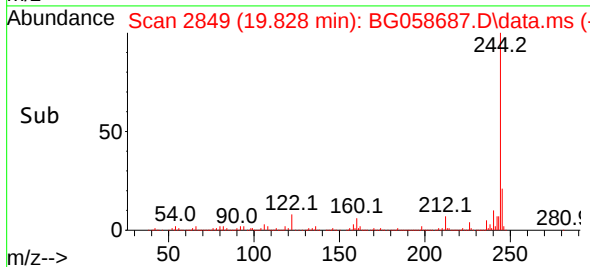
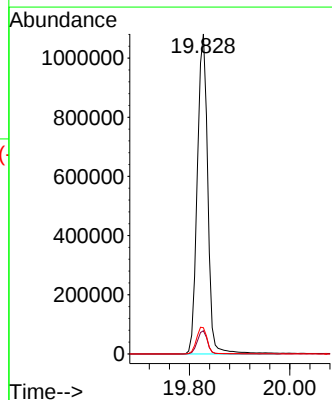
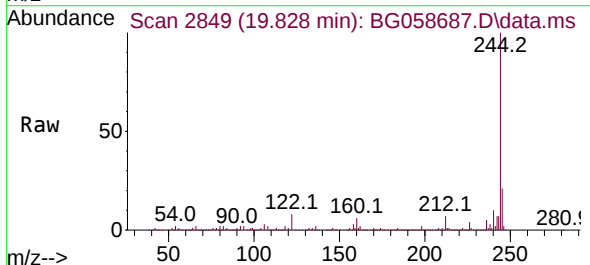
Instrument :
BNA_G
ClientSampleId :
WC-18

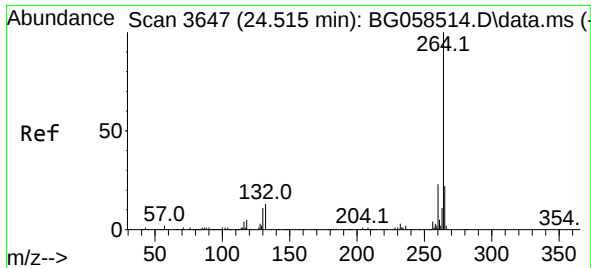
Tgt Ion:184 Resp: 19869
Ion Ratio Lower Upper
184 100
185 12.9 11.9 17.9
183 6.8 8.7 13.1#



#79
Terphenyl-d14
Concen: 106.199 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

Tgt Ion:244 Resp: 1564963
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.2 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 30
Delta R.T. 0.007 min
Lab File: BG058687.D
Acq: 10 Aug 2023 20:30

Instrument :
BNA_G
ClientSampleId :
WC-18

Tgt Ion:264 Resp: 304718
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 21.4 17.9 26.9

