

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058684.D
 Acq On : 10 Aug 2023 18:26
 Operator : MA/JU
 Sample : 03954-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15

Quant Time: Aug 11 01:56:50 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)

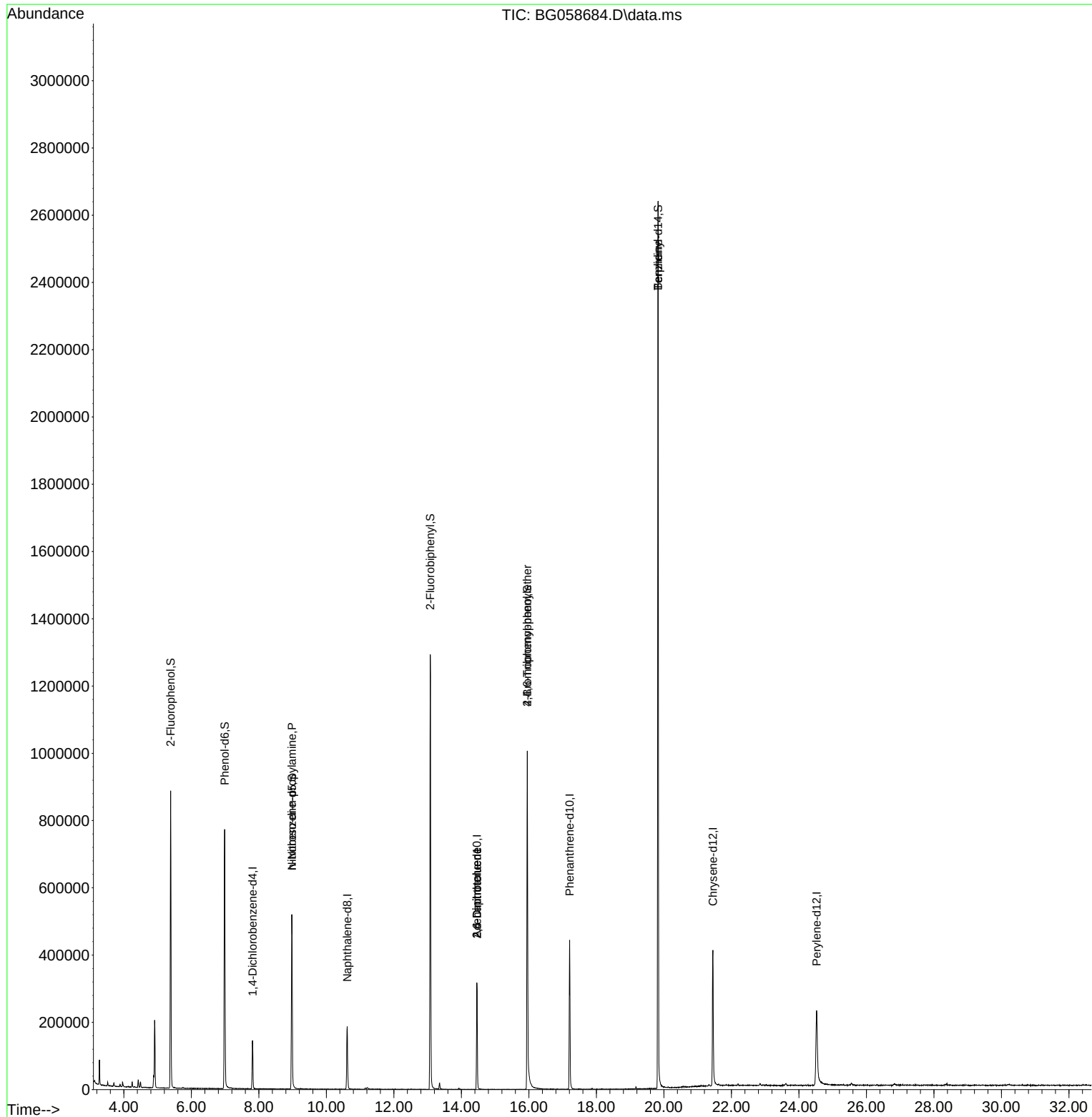
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	40462	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	171290	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	122716	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	318322	20.000	ng	0.00
76) Chrysene-d12	21.449	240	283092	20.000	ng	0.00
86) Perylene-d12	24.522	264	310639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	367889	138.971	ng	0.00
7) Phenol-d6	6.984	99	475428	129.066	ng	0.00
23) Nitrobenzene-d5	8.976	82	330425	94.765	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	262835	130.673	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	751728	91.800	ng	0.00
79) Terphenyl-d14	19.828	244	1506554	100.078	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.976	70	40871	17.178	ng	# 80
51) 2,6-Dinitrotoluene	14.458	165	15881	7.853	ng	# 22
57) 2,4-Dinitrotoluene	14.458	165	15881	5.665	ng	# 23
67) 4-Bromophenyl-phenylether	15.950	248	15303	4.239	ng	# 1
77) Benzidine	19.822	184	18976	4.420	ng	# 90

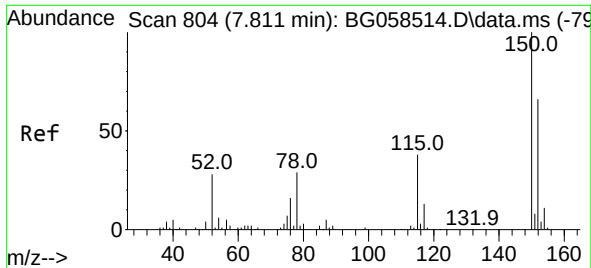
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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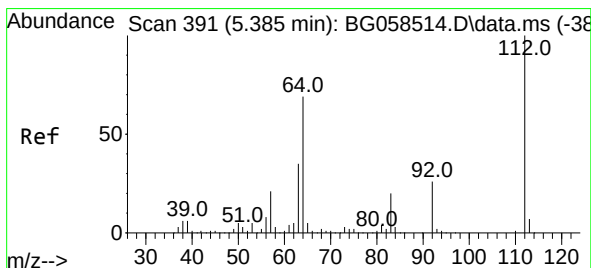
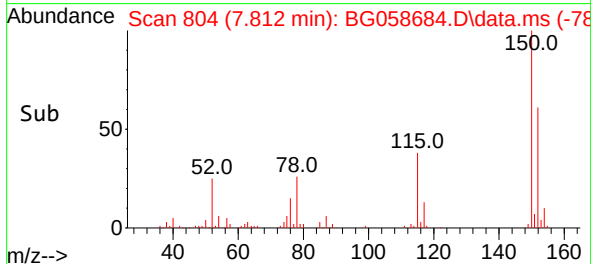
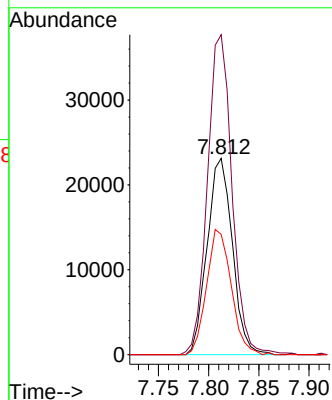
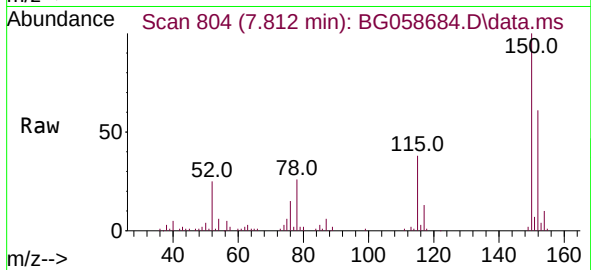




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

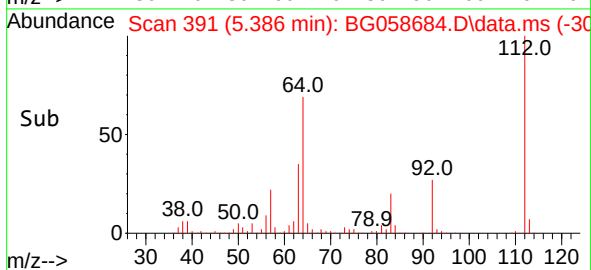
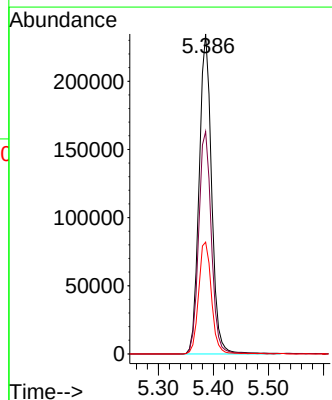
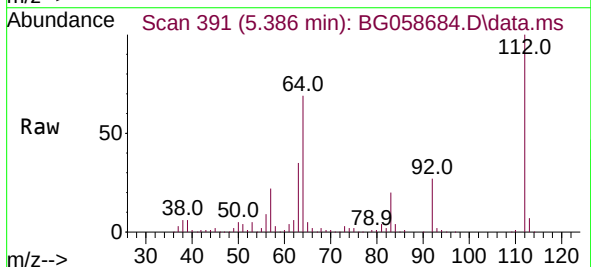
Instrument :
BNA_G
ClientSampleId :
WC-15

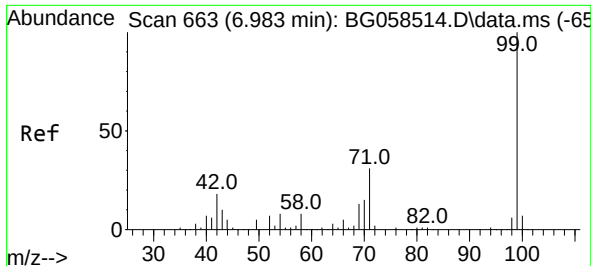
Tgt Ion:152 Resp: 40462
Ion Ratio Lower Upper
152 100
150 163.1 120.5 180.7
115 61.3 45.9 68.9



#5
2-Fluorophenol
Concen: 138.971 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

Tgt Ion:112 Resp: 367889
Ion Ratio Lower Upper
112 100
64 69.5 55.3 82.9
63 34.9 28.3 42.5

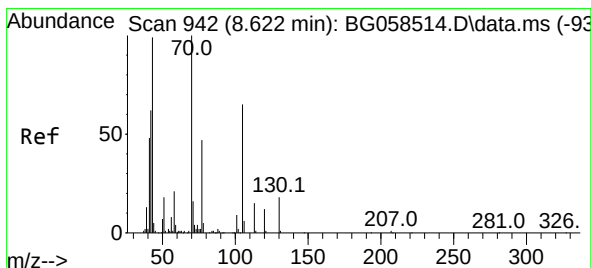
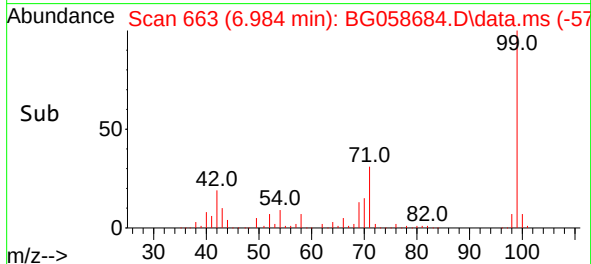
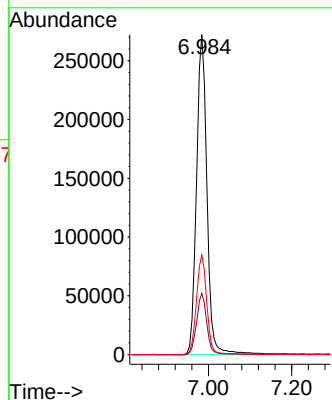
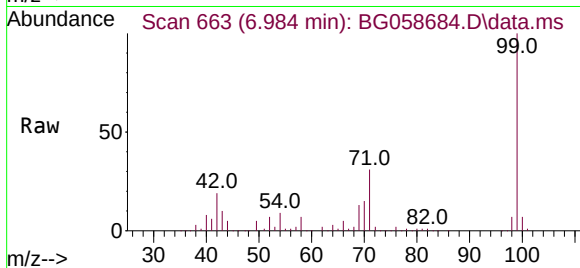




#7
Phenol-d6
Concen: 129.066 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

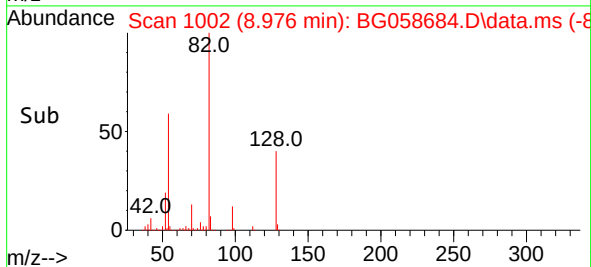
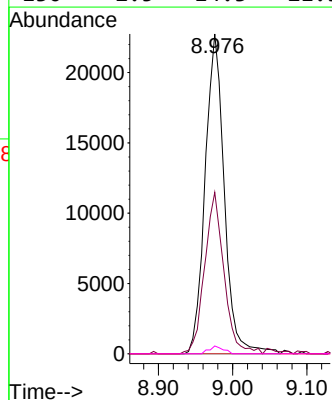
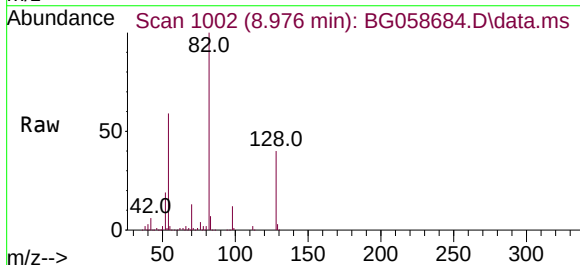
Instrument :
BNA_G
ClientSampleId :
WC-15

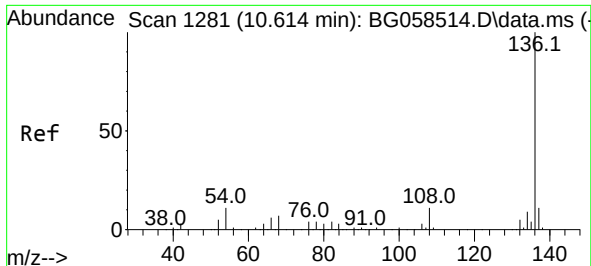
Tgt Ion: 99 Resp: 475428
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 31.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.178 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

Tgt Ion: 70 Resp: 40871
Ion Ratio Lower Upper
70 100
42 50.5 49.7 74.5
101 0.0 7.0 10.4#
130 2.5 14.3 21.5#

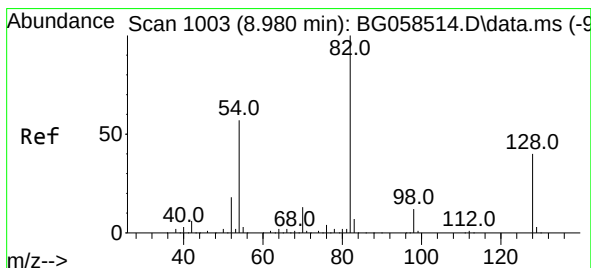
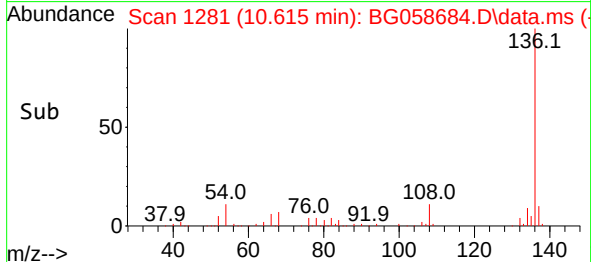
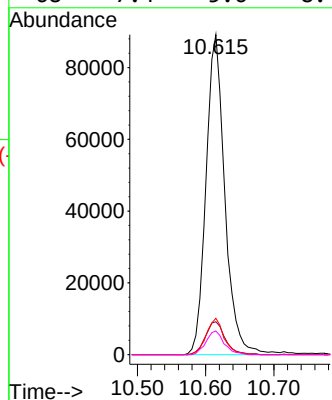
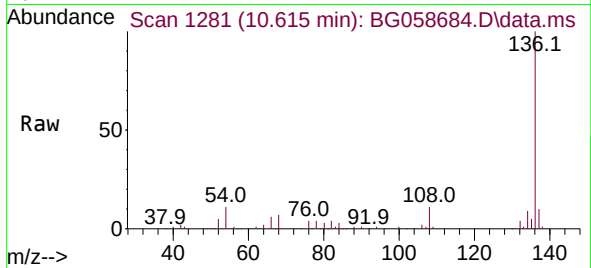




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

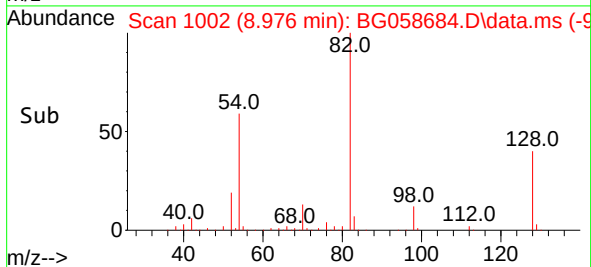
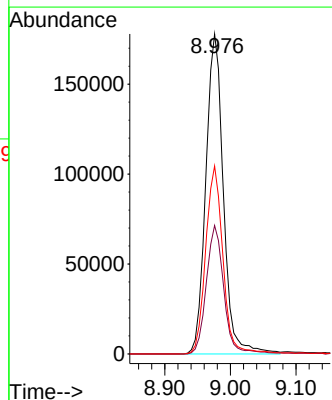
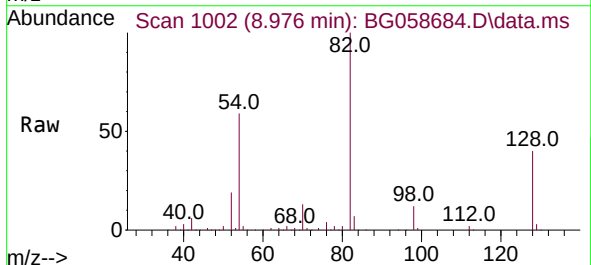
Instrument :
BNA_G
ClientSampleId :
WC-15

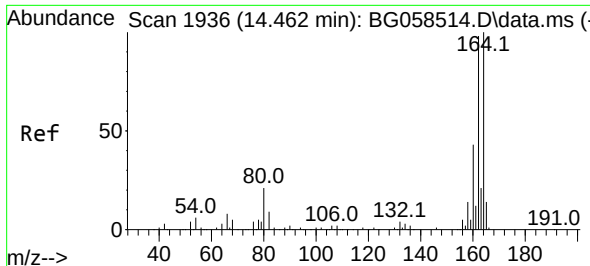
Tgt Ion:	136	Resp:	171290
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	11.4	8.9	13.3
68	7.4	5.6	8.4



#23
Nitrobenzene-d5
Concen: 94.765 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

Tgt Ion:	82	Resp:	330425
Ion Ratio	Lower	Upper	
82	100		
128	40.1	32.2	48.2
54	58.7	46.0	69.0

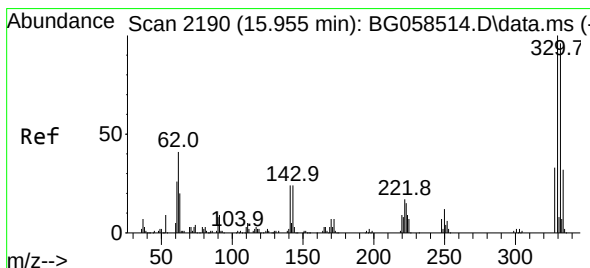
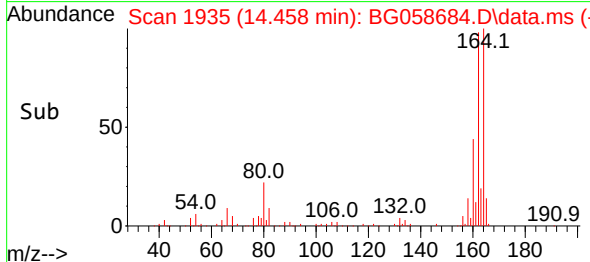
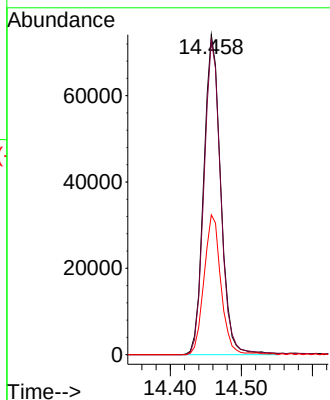
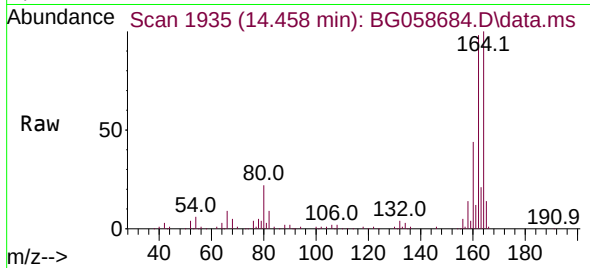




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

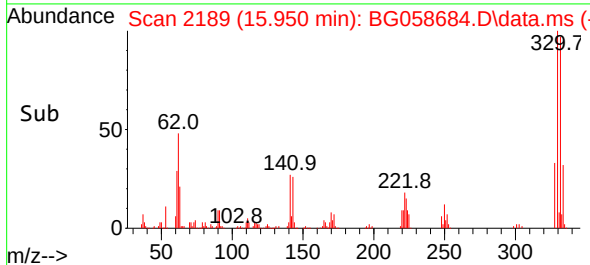
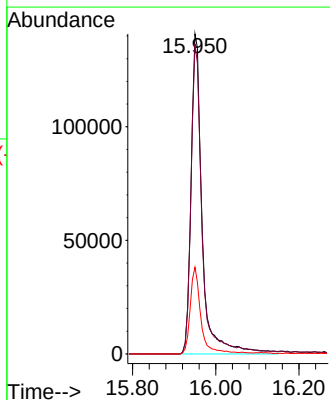
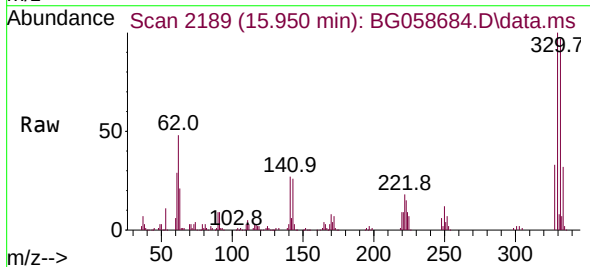
Instrument :
BNA_G
ClientSampleId :
WC-15

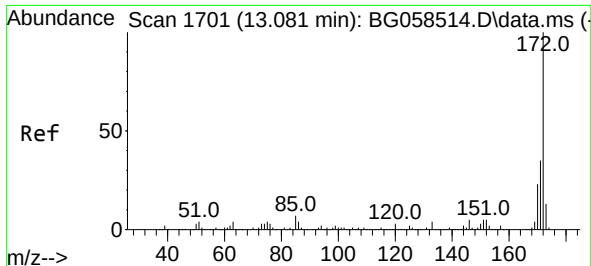
Tgt Ion:164 Resp: 122716
Ion Ratio Lower Upper
164 100
162 98.3 78.3 117.5
160 43.7 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 130.673 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

Tgt Ion:330 Resp: 262835
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 25.6 20.7 31.1

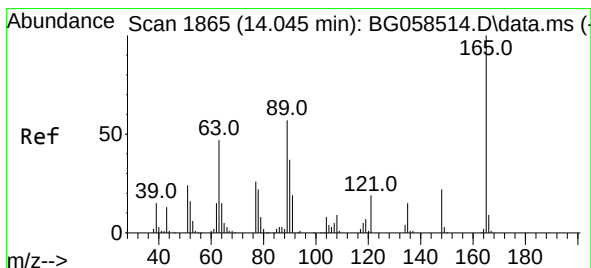
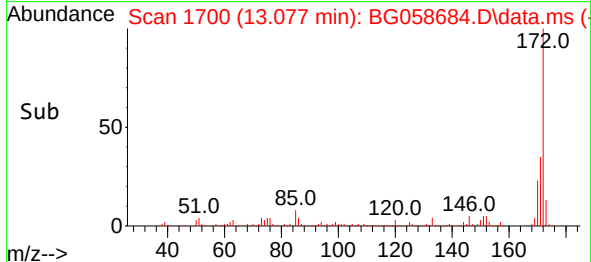
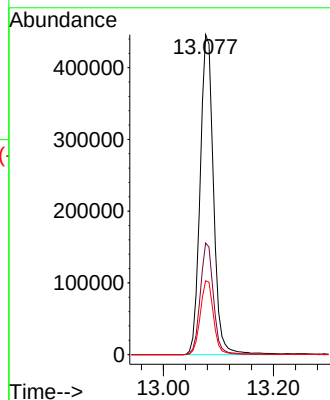
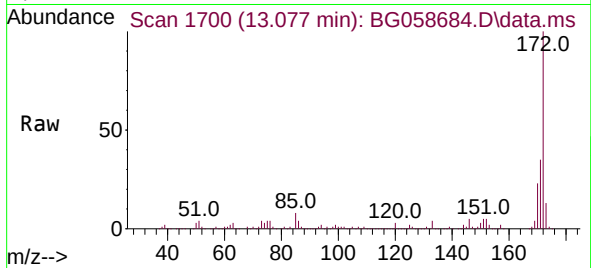




#45
2-Fluorobiphenyl
Concen: 91.800 ng
RT: 13.077 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

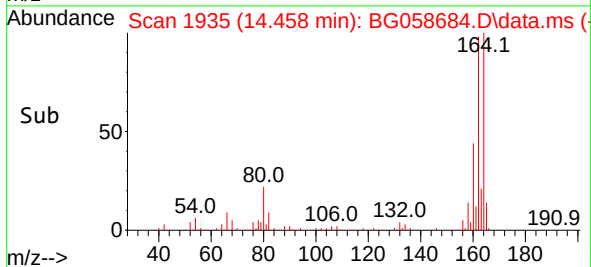
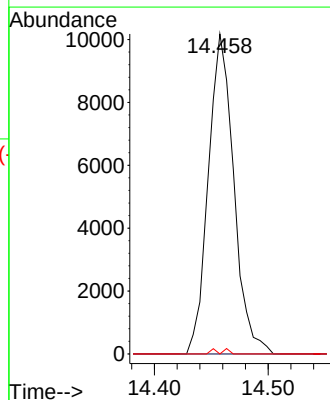
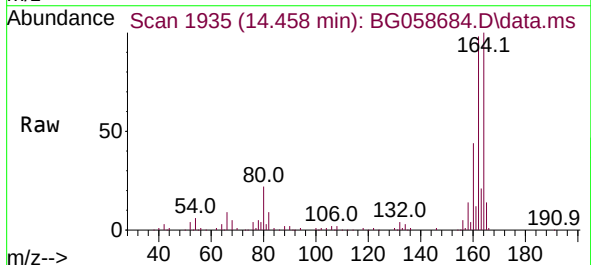
Instrument :
BNA_G
ClientSampleId :
WC-15

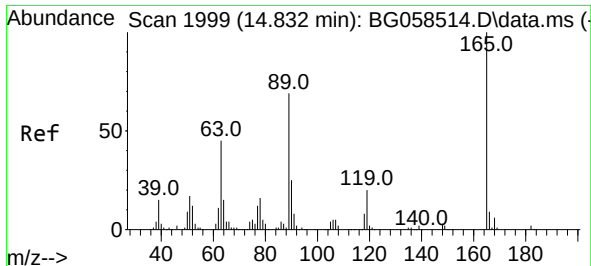
Tgt Ion:172 Resp: 751728
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.1 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.853 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

Tgt Ion:165 Resp: 15881
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.665 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.374 min

Lab File: BG058684.D

Acq: 10 Aug 2023 18:26

Instrument :

BNA_G

ClientSampleId :

WC-15

Tgt Ion:165 Resp: 15881

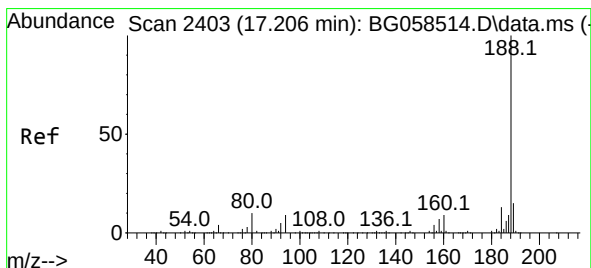
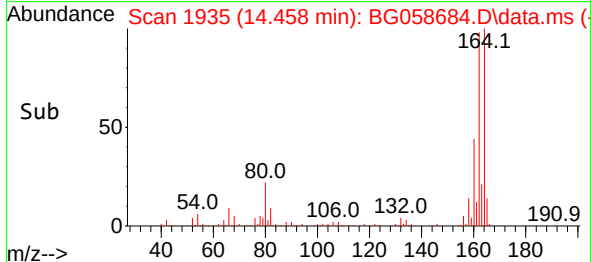
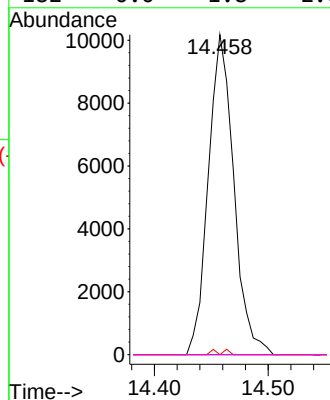
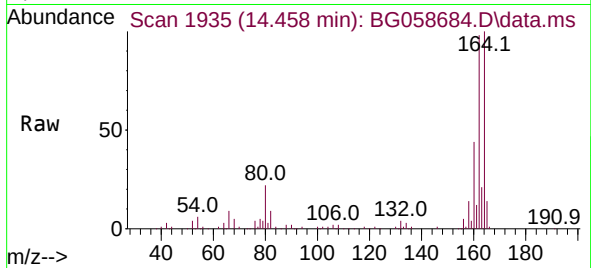
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 0.0 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: BG058684.D

Acq: 10 Aug 2023 18:26

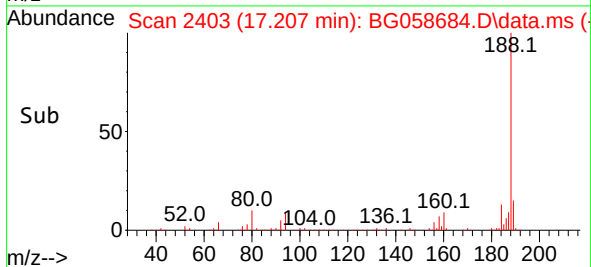
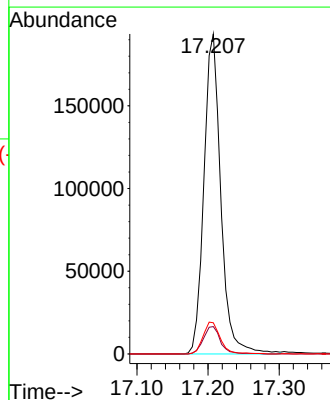
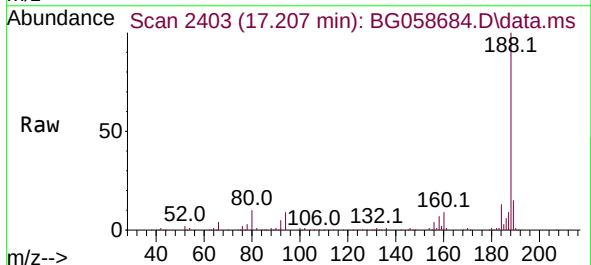
Tgt Ion:188 Resp: 318322

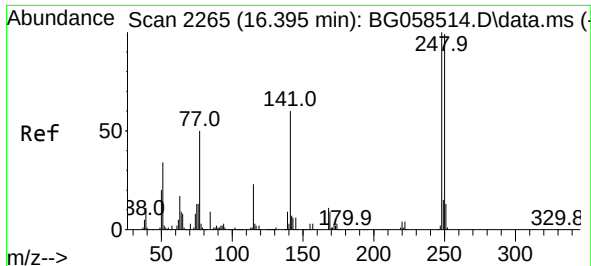
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.7 8.1 12.1

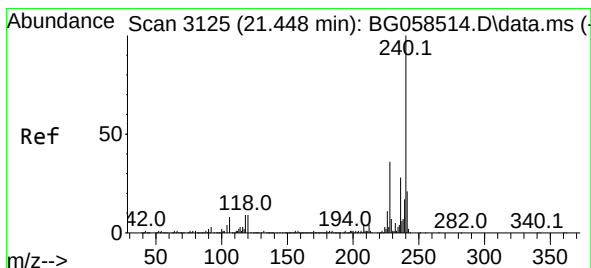
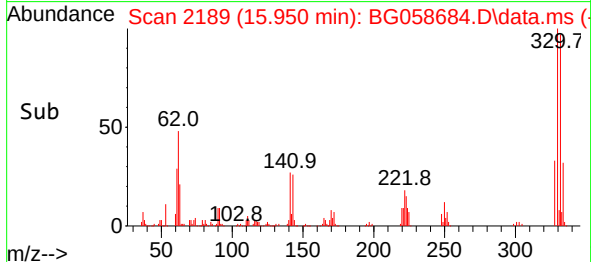
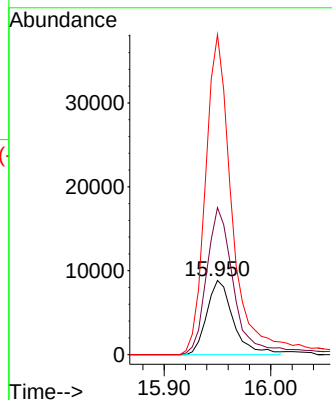
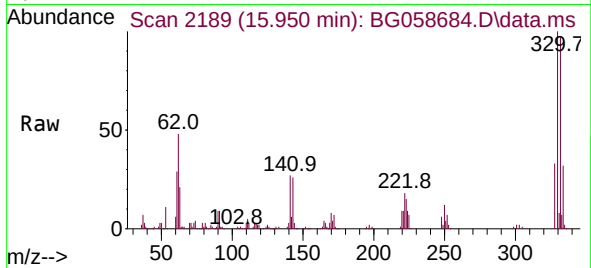




#67
4-Bromophenyl-phenylether
Concen: 4.239 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.445 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

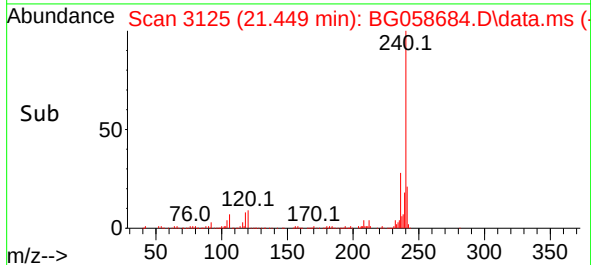
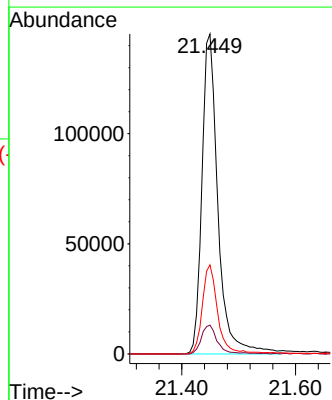
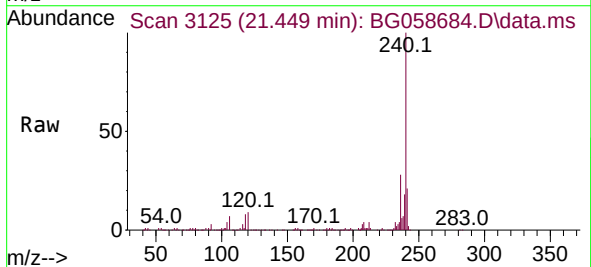
Instrument :
BNA_G
ClientSampleId :
WC-15

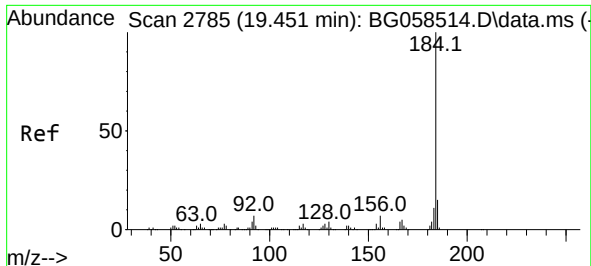
Tgt Ion:248 Resp: 15303
Ion Ratio Lower Upper
248 100
250 198.2 79.5 119.3#
141 431.5 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

Tgt Ion:240 Resp: 283092
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 27.8 22.2 33.4

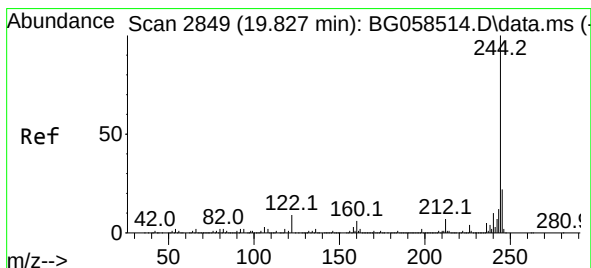
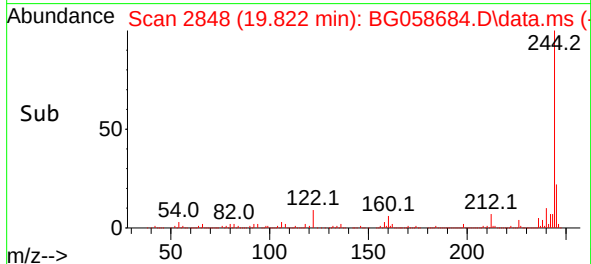
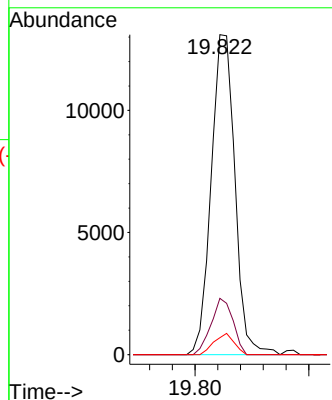
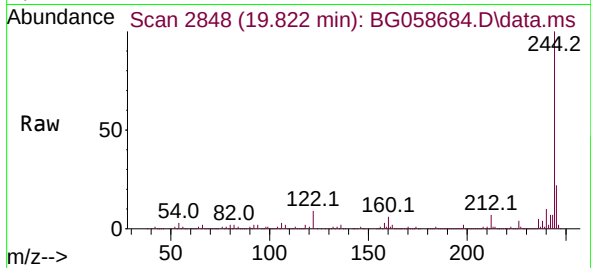




#77
Benzidine
Concen: 4.420 ng
RT: 19.822 min Scan# 2848
Delta R.T. 0.371 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

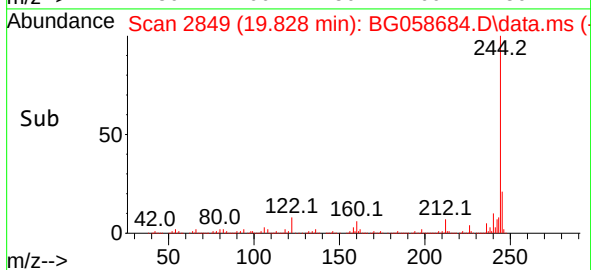
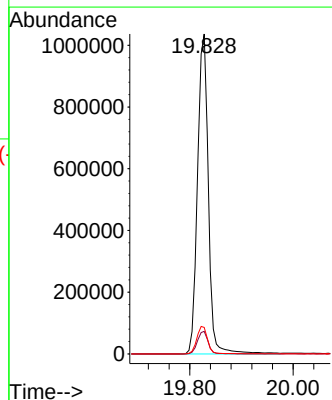
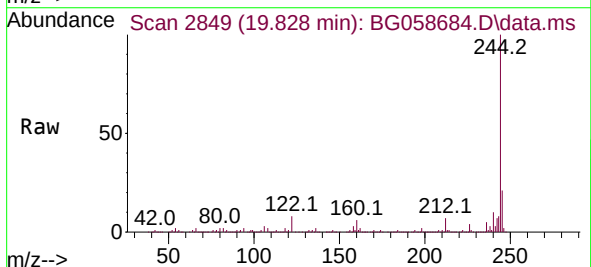
Instrument :
BNA_G
ClientSampleId :
WC-15

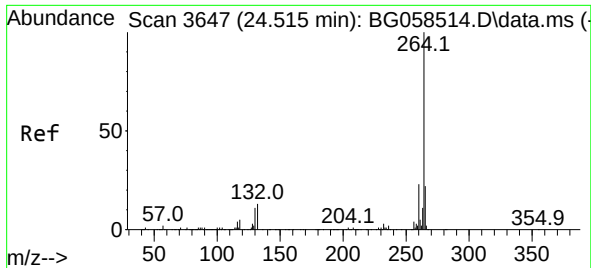
Tgt Ion:184 Resp: 18976
Ion Ratio Lower Upper
184 100
185 17.6 11.9 17.9
183 5.3 8.7 13.1#



#79
Terphenyl-d14
Concen: 100.078 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

Tgt Ion:244 Resp: 1506554
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.3 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: BG058684.D
Acq: 10 Aug 2023 18:26

Instrument :
BNA_G
ClientSampleId :
WC-15

Tgt Ion:264 Resp: 310639
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 23.4 17.9 26.9

