

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058626.D
 Acq On : 7 Aug 2023 14:16
 Operator : MA/JU
 Sample : 03831-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-18-20230727

Quant Time: Aug 07 14:50:35 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)

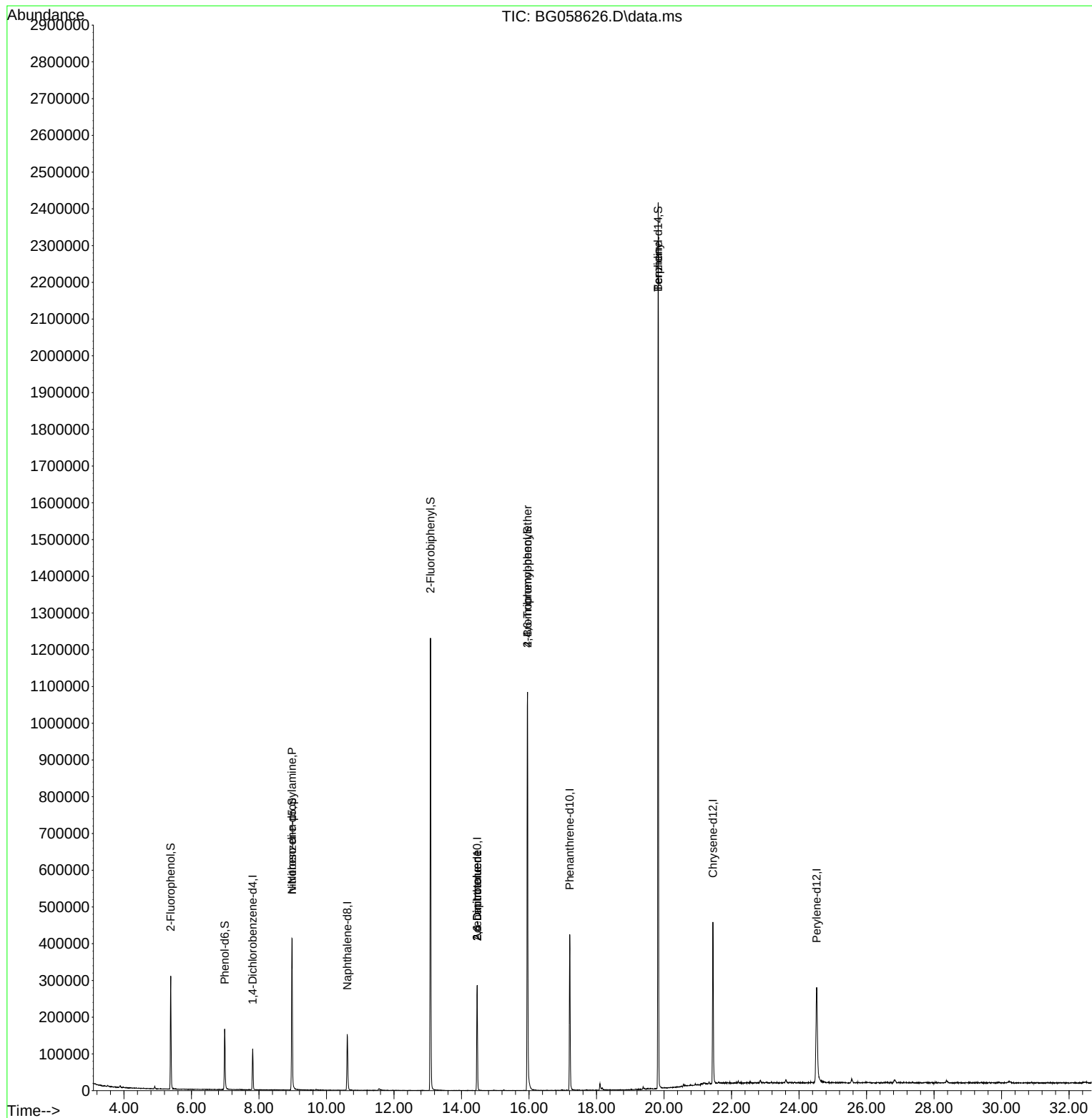
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	31635	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	142221	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	111704	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	293750	20.000	ng	0.00
76) Chrysene-d12	21.448	240	271531	20.000	ng	0.00
86) Perylene-d12	24.521	264	327304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	127364	61.536	ng	0.00
7) Phenol-d6	6.983	99	106756	37.068	ng	0.00
23) Nitrobenzene-d5	8.980	82	270420	93.407	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	262479	143.360	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	686144	92.051	ng	0.00
79) Terphenyl-d14	19.826	244	1292170	89.491	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.980	70	34060	18.309	ng	# 76
51) 2,6-Dinitrotoluene	14.462	165	13804	7.499	ng	# 24
57) 2,4-Dinitrotoluene	14.462	165	13804	5.409	ng	# 24
67) 4-Bromophenyl-phenylether	15.955	248	15966	4.792	ng	# 1
77) Benzidine	19.826	184	16239	3.944	ng	# 96

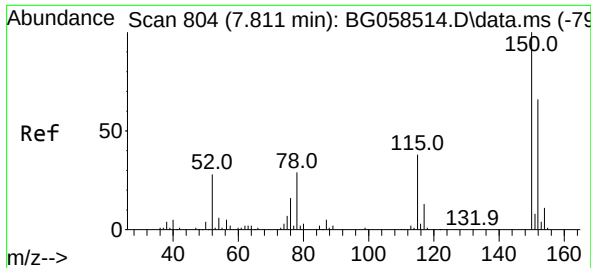
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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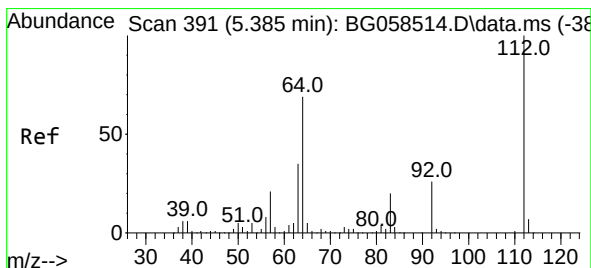
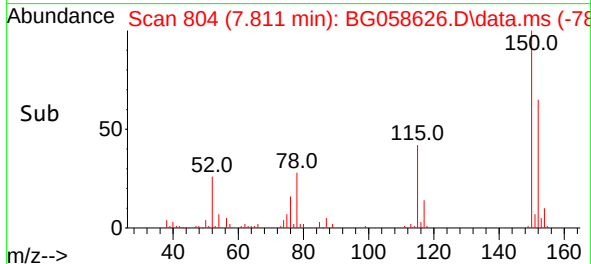
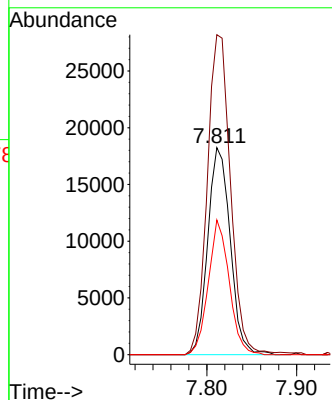
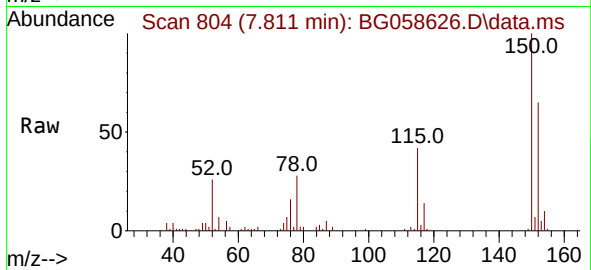




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

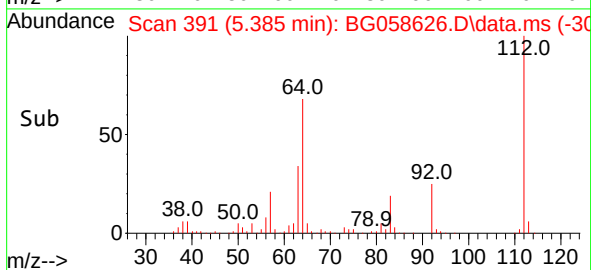
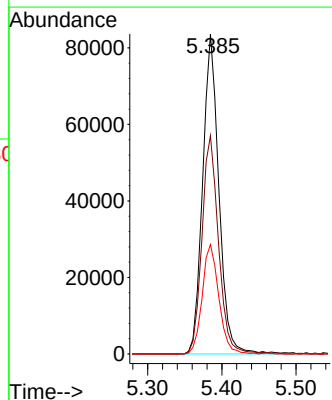
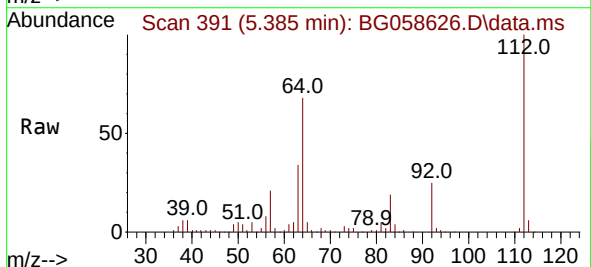
Instrument :
BNA_G
ClientSampleId :
MW-18-20230727

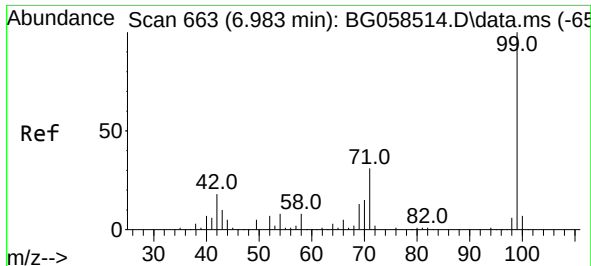
Tgt Ion:152 Resp: 31635
Ion Ratio Lower Upper
152 100
150 154.6 120.5 180.7
115 65.1 45.9 68.9



#5
2-Fluorophenol
Concen: 61.536 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

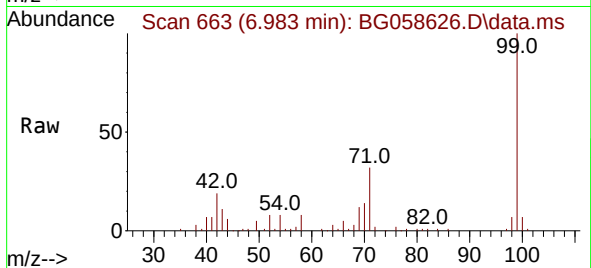
Tgt Ion:112 Resp: 127364
Ion Ratio Lower Upper
112 100
64 68.2 55.3 82.9
63 34.2 28.3 42.5



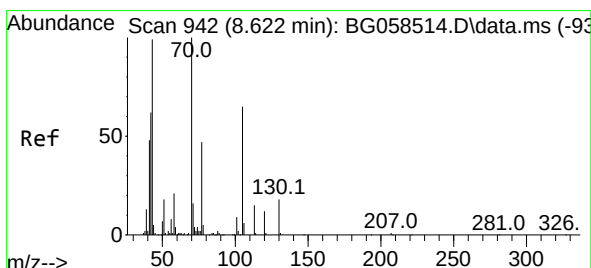
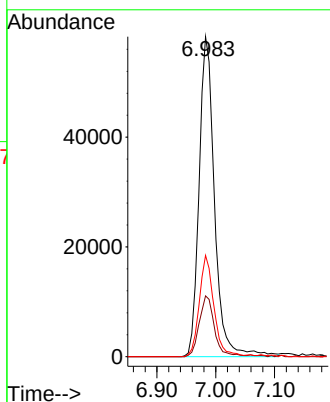
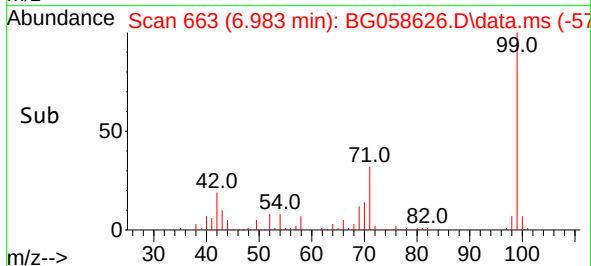


#7
Phenol-d6
Concen: 37.068 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

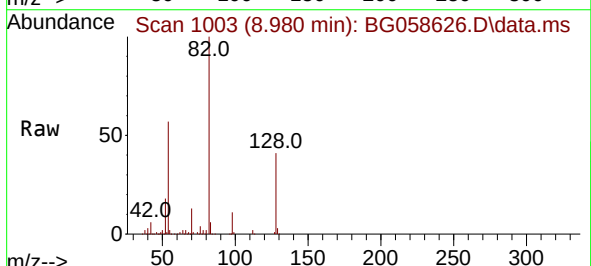
Instrument :
BNA_G
ClientSampleId :
MW-18-20230727



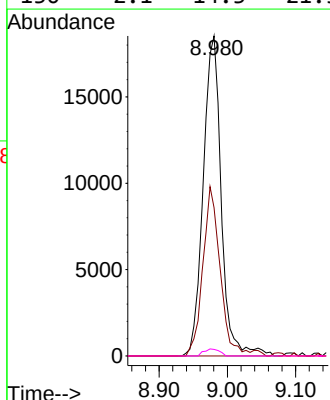
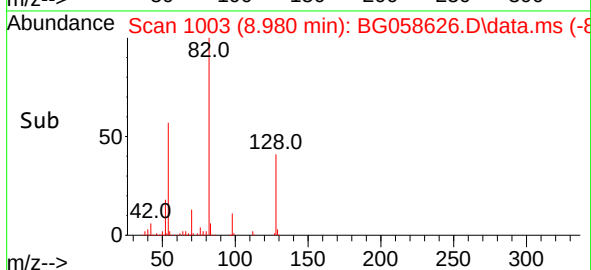
Tgt Ion: 99 Resp: 106756
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 31.7 25.0 37.4

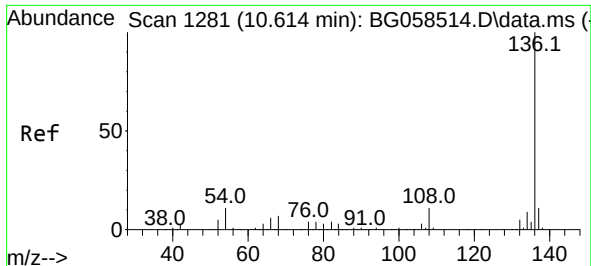


#19
n-Nitroso-di-n-propylamine
Concen: 18.309 ng
RT: 8.980 min Scan# 1003
Delta R.T. 0.358 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16



Tgt Ion: 70 Resp: 34060
Ion Ratio Lower Upper
70 100
42 46.3 49.7 74.5#
101 0.0 7.0 10.4#
130 2.1 14.3 21.5#

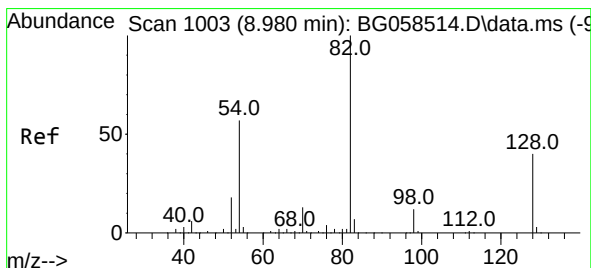
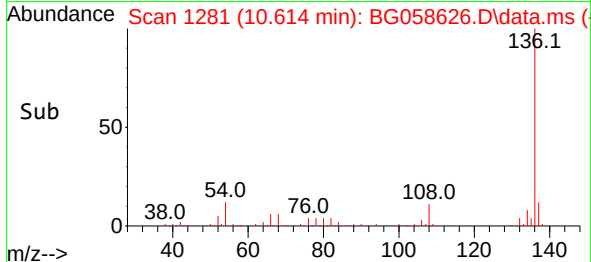
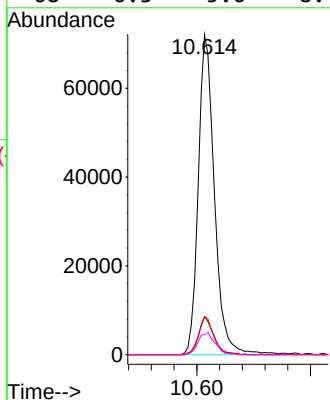
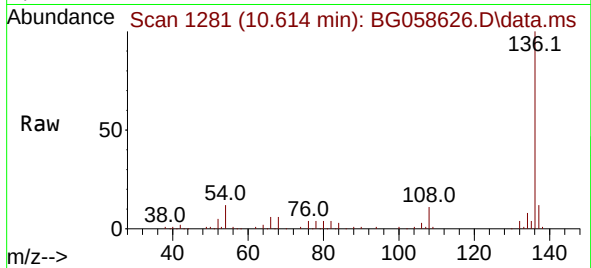




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

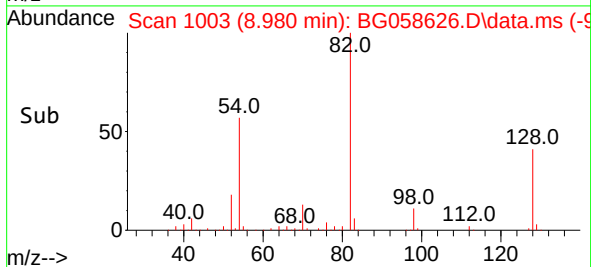
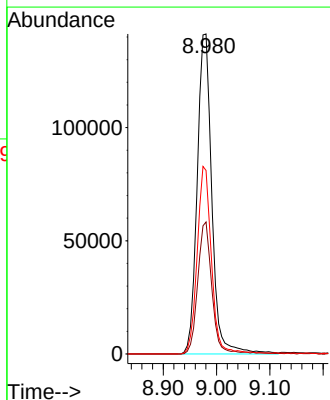
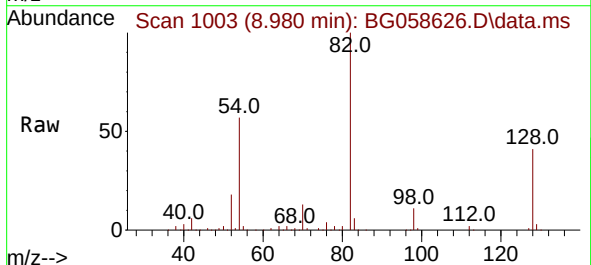
Instrument :
BNA_G
ClientSampleId :
MW-18-20230727

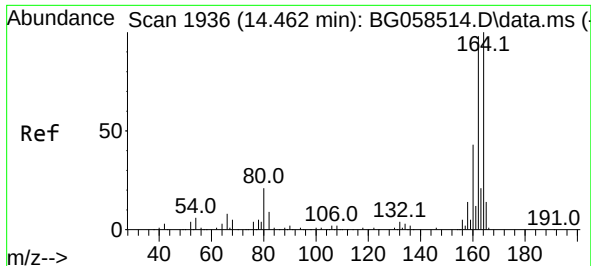
Tgt Ion:	136	Resp:	142221
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.6	13.0
54	11.9	8.9	13.3
68	6.3	5.6	8.4



#23
Nitrobenzene-d5
Concen: 93.407 ng
RT: 8.980 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

Tgt Ion:	82	Resp:	270420
Ion Ratio	Lower	Upper	
82	100		
128	41.3	32.2	48.2
54	57.4	46.0	69.0

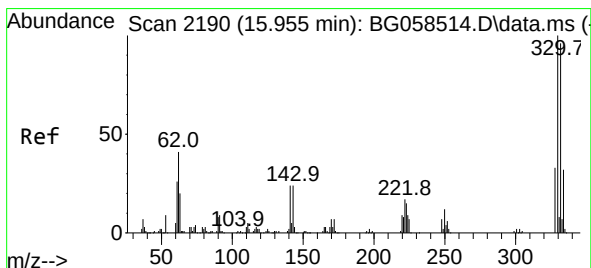
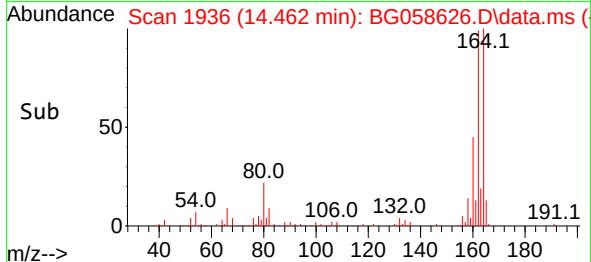
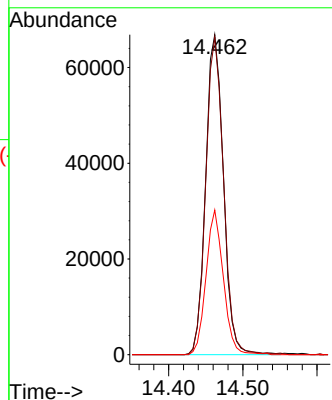
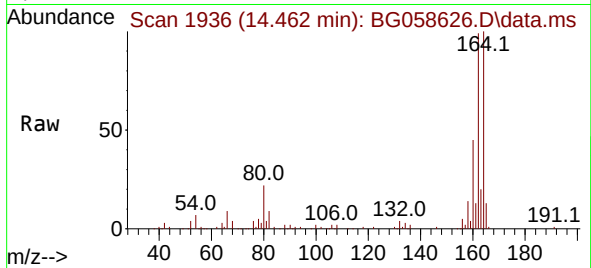




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

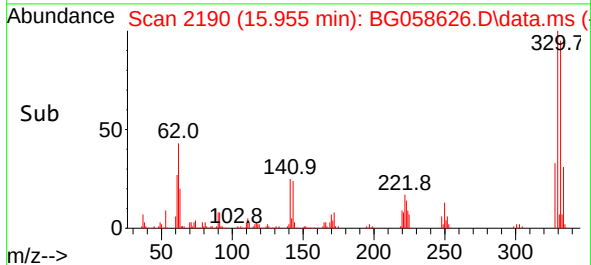
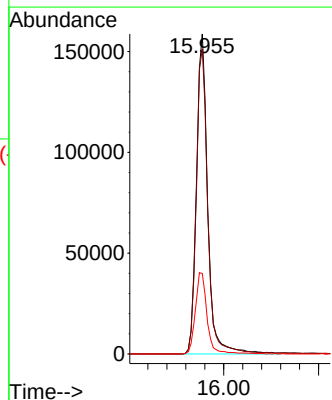
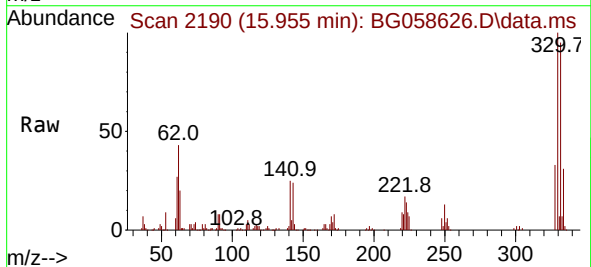
Instrument :
BNA_G
ClientSampleId :
MW-18-20230727

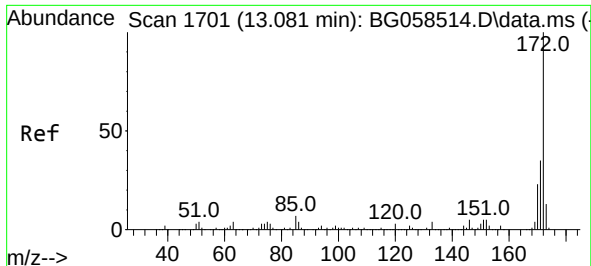
Tgt Ion:164 Resp: 111704
Ion Ratio Lower Upper
164 100
162 99.2 78.3 117.5
160 45.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 143.360 ng
RT: 15.955 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

Tgt Ion:330 Resp: 262479
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 26.4 20.7 31.1

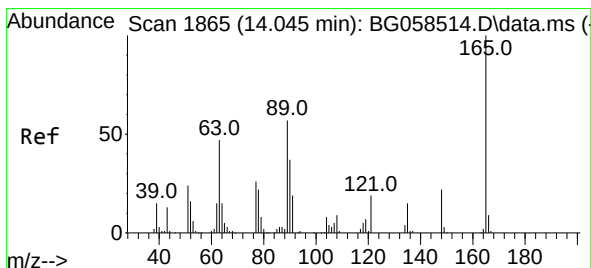
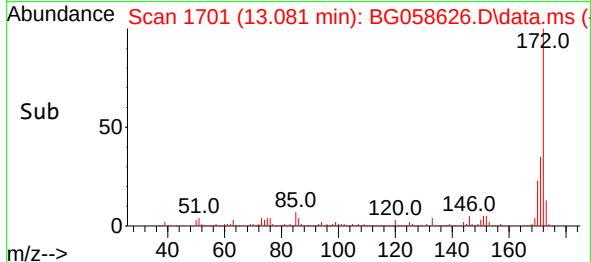
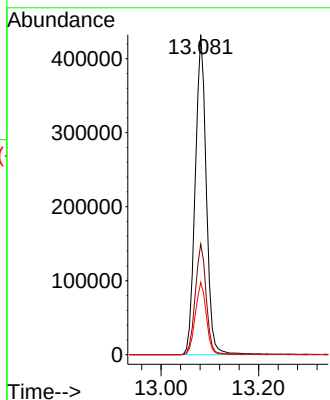
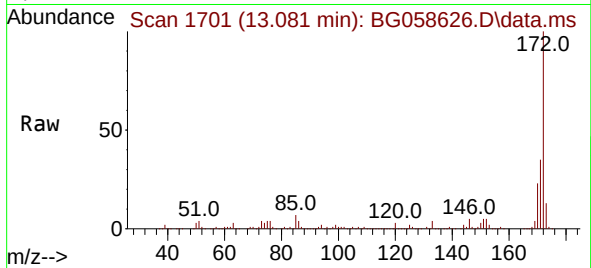




#45
2-Fluorobiphenyl
Concen: 92.051 ng
RT: 13.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

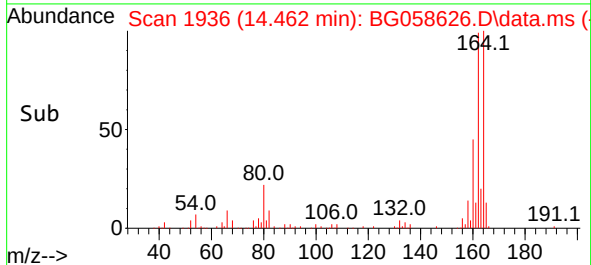
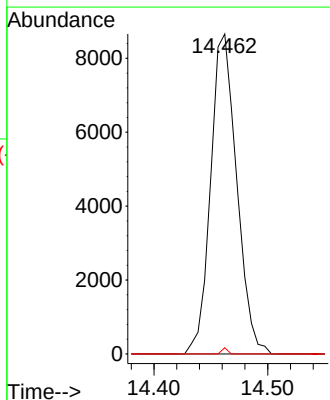
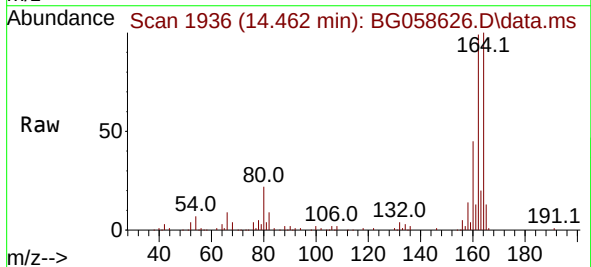
Instrument :
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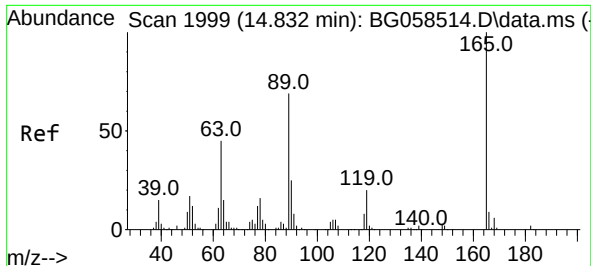
Tgt Ion:172 Resp: 686144
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 22.5 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.499 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

Tgt Ion:165 Resp: 13804
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.9 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.409 ng

RT: 14.462 min Scan# 1999

Delta R.T. -0.370 min

Lab File: BG058626.D

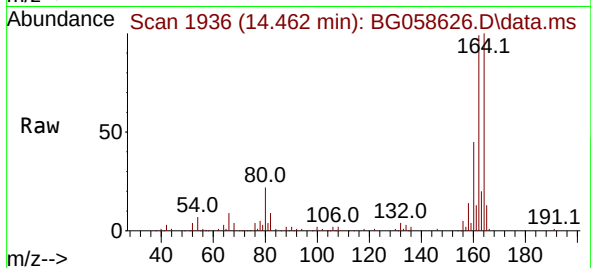
Acq: 7 Aug 2023 14:16

Instrument :

BNA_G

ClientSampleId :

MW-18-20230727



Tgt Ion:165 Resp: 13804

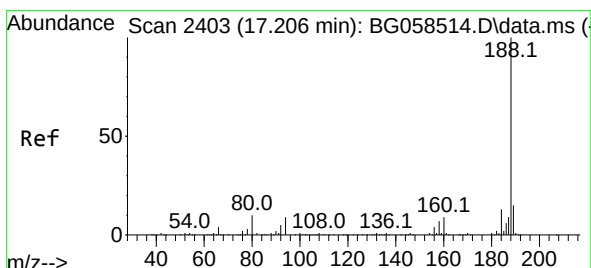
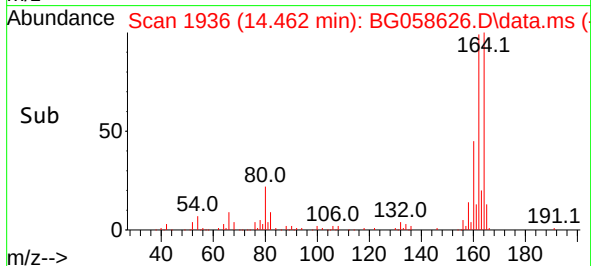
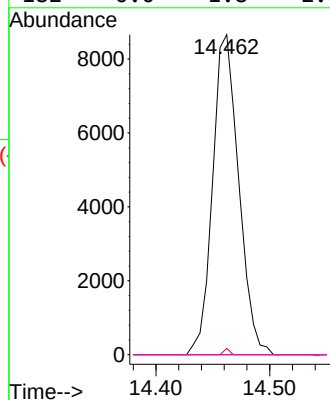
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 1.9 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BG058626.D

Acq: 7 Aug 2023 14:16

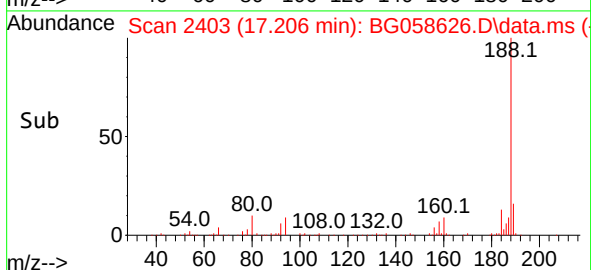
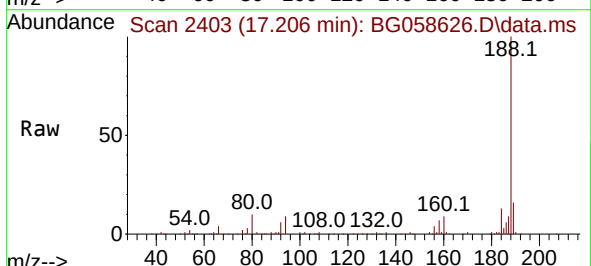
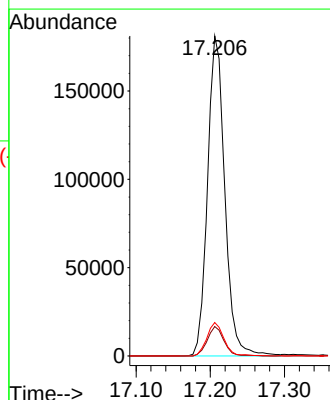
Tgt Ion:188 Resp: 293750

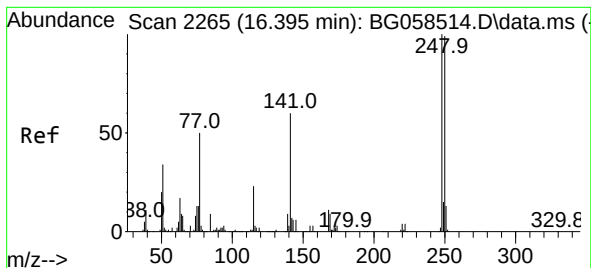
Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 10.5 8.1 12.1

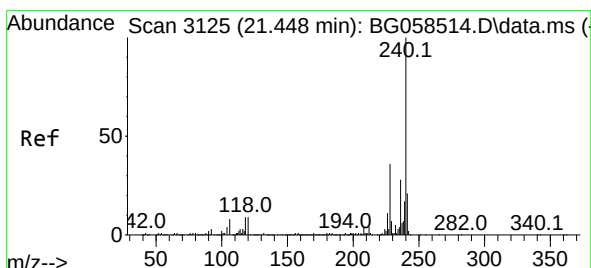
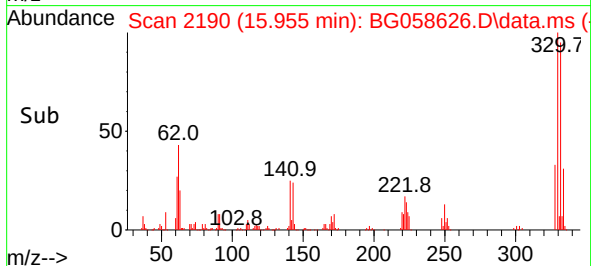
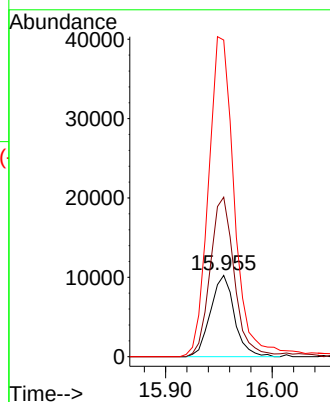
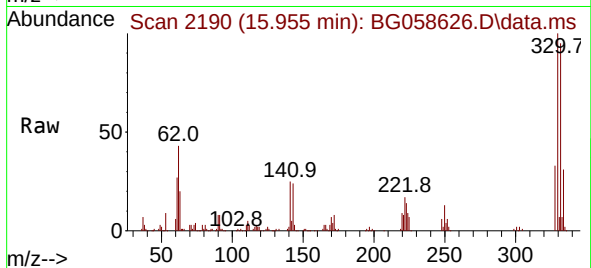




#67
4-Bromophenyl-phenylether
Concen: 4.792 ng
RT: 15.955 min Scan# 2190
Delta R.T. -0.441 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

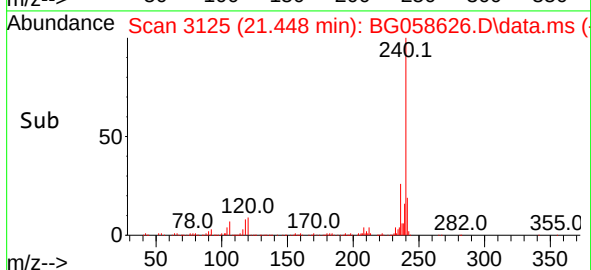
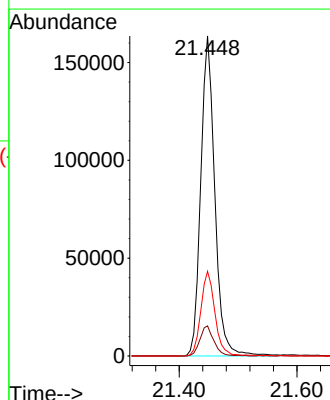
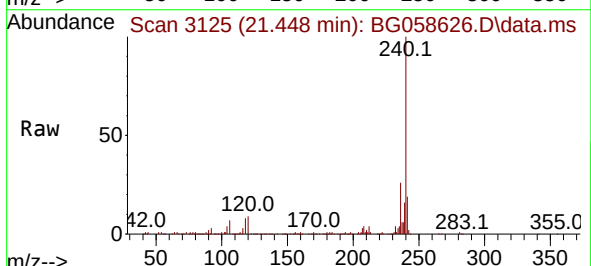
Instrument :
BNA_G
ClientSampleId :
MW-18-20230727

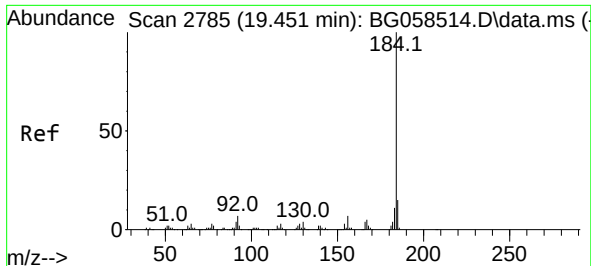
Tgt Ion:248 Resp: 15966
Ion Ratio Lower Upper
248 100
250 196.2 79.5 119.3#
141 389.6 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

Tgt Ion:240 Resp: 271531
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.5 22.2 33.4

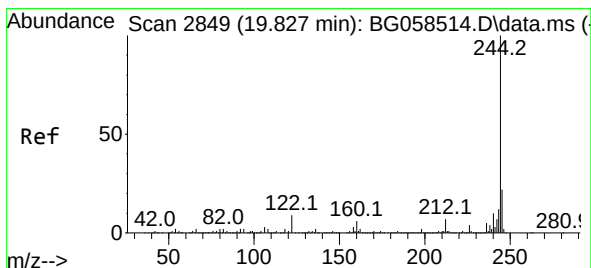
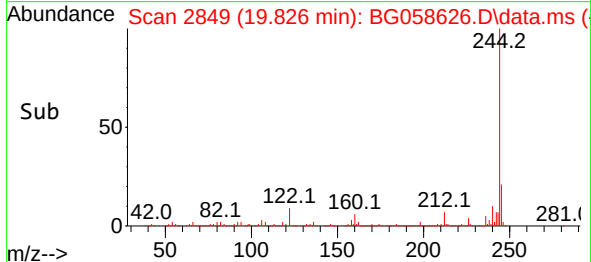
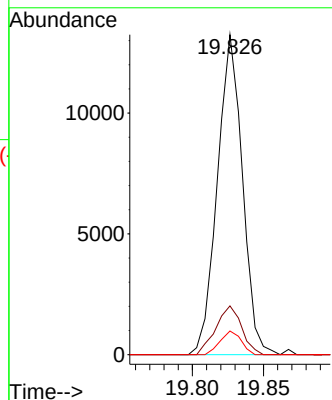
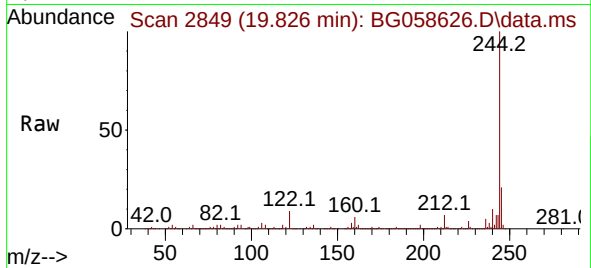




#77
Benzidine
Concen: 3.944 ng
RT: 19.826 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

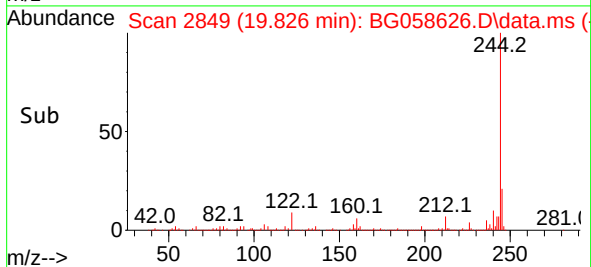
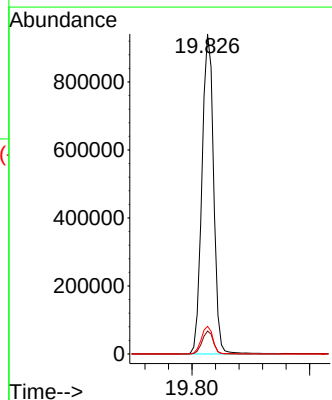
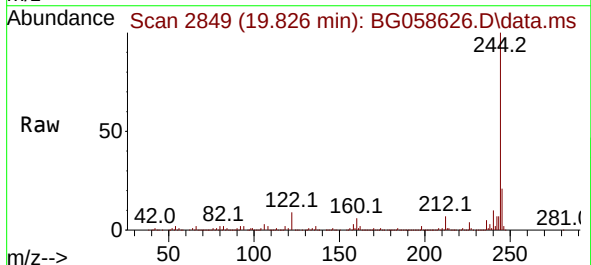
Instrument :
BNA_G
ClientSampleId :
MW-18-20230727

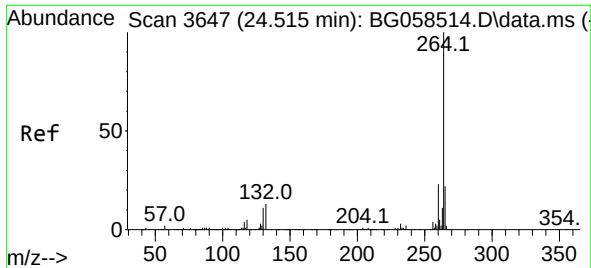
Tgt Ion:184 Resp: 16239
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 7.4 8.7 13.1#



#79
Terphenyl-d14
Concen: 89.491 ng
RT: 19.826 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BG058626.D
Acq: 7 Aug 2023 14:16

Tgt Ion:244 Resp: 1292170
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.6 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG058626.D
 Acq: 7 Aug 2023 14:16

Instrument :
 BNA_G
 ClientSampleId :
 MW-18-20230727

Tgt Ion:264 Resp: 327304
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 22.2 17.9 26.9

