

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
 Data File : BG058779.D
 Acq On : 18 Aug 2023 16:49
 Operator : MA/JU
 Sample : PB154469BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154469BL

Quant Time: Aug 21 02:12:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

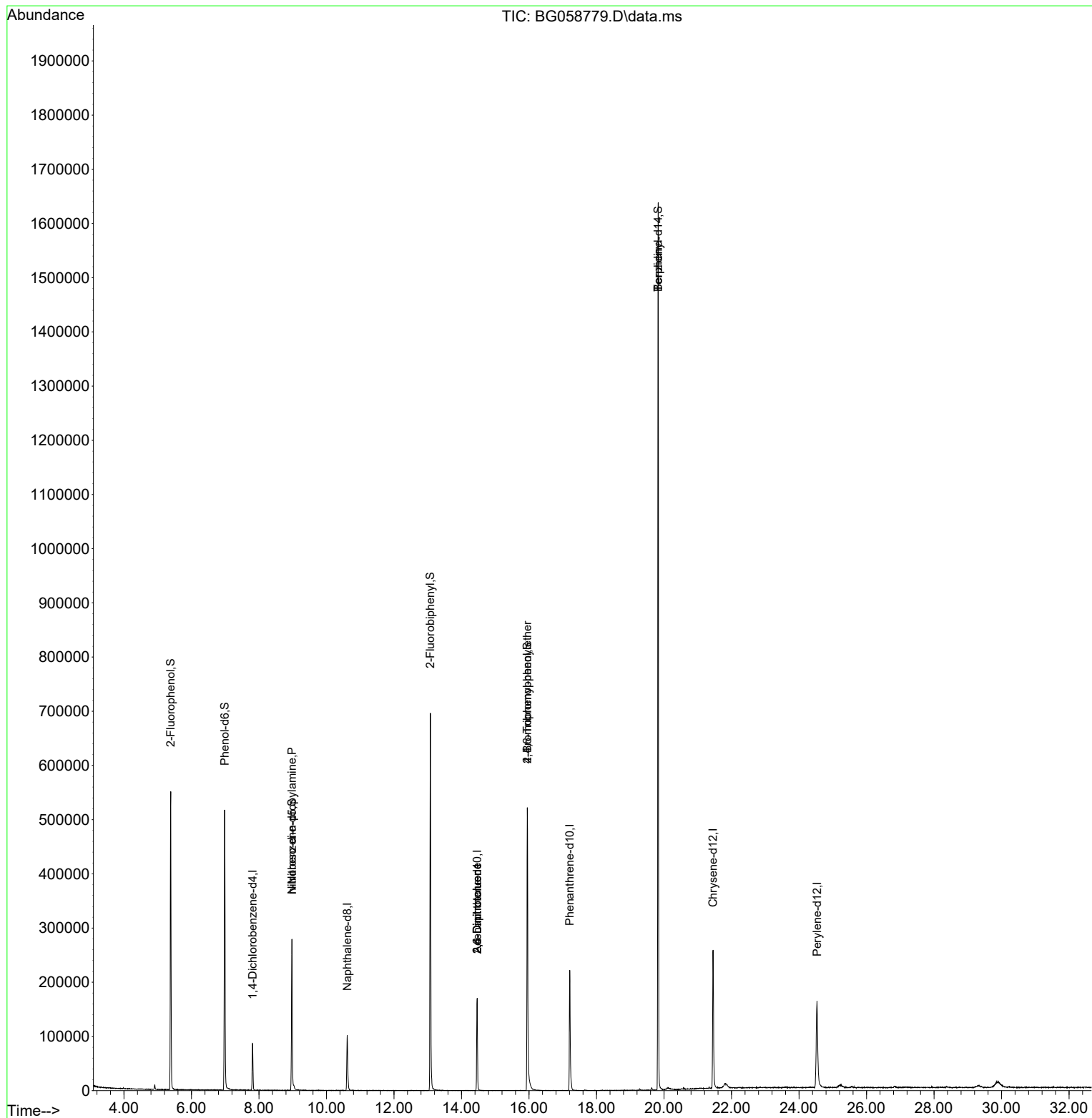
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	24453	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	100199	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	70588	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	183259	20.000	ng	0.00
76) Chrysene-d12	21.449	240	185891	20.000	ng	0.00
86) Perylene-d12	24.533	264	220147	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	217073	142.856	ng	0.00
7) Phenol-d6	6.983	99	279715	131.204	ng	0.00
23) Nitrobenzene-d5	8.975	82	176315	84.600	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	138963	125.553	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	408683	84.209	ng	0.00
79) Terphenyl-d14	19.827	244	887226	85.700	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	22206	16.114	ng	# 76
51) 2,6-Dinitrotoluene	14.463	165	8795	7.660	ng	# 22
57) 2,4-Dinitrotoluene	14.463	165	8795	5.492	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	8904	4.428	ng	# 1
77) Benzidine	19.827	184	12486	3.748	ng	# 91

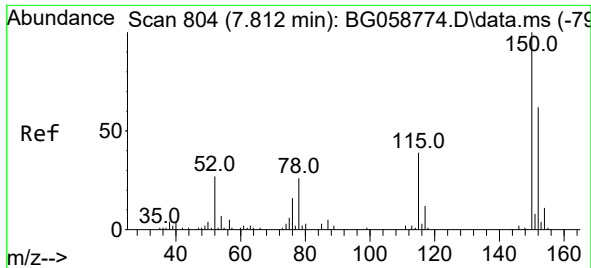
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
Data File : BG058779.D
Acq On : 18 Aug 2023 16:49
Operator : MA/JU
Sample : PB154469BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB154469BL

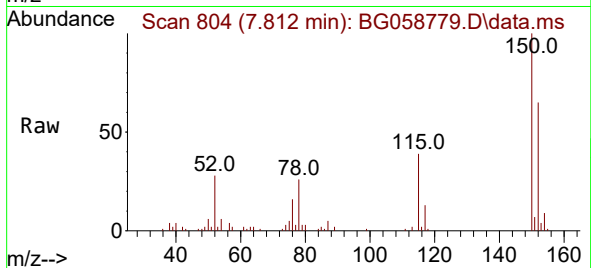
Quant Time: Aug 21 02:12:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration



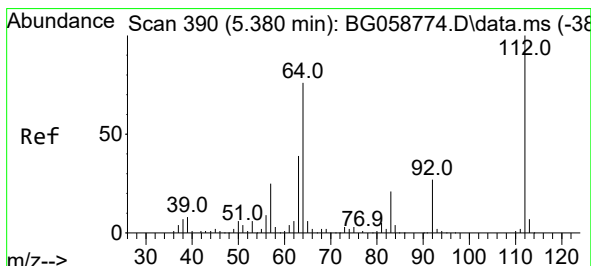
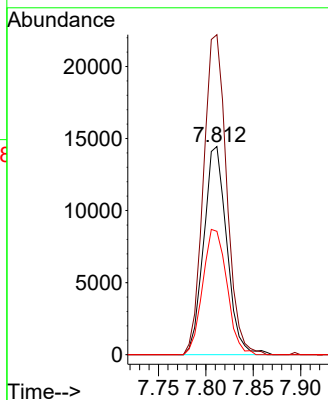
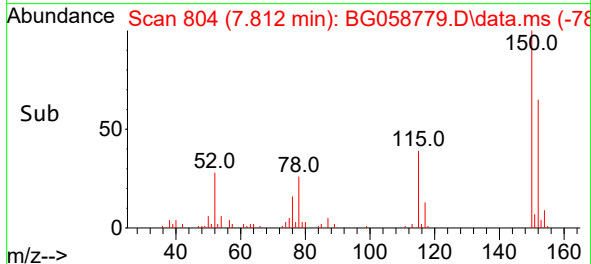


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.000 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

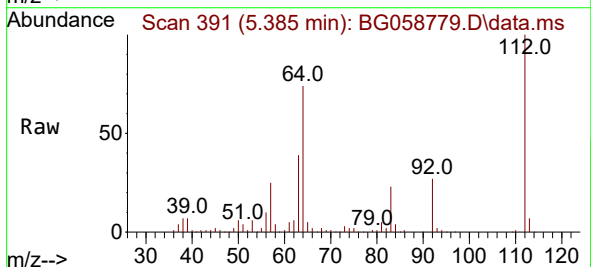
Instrument :
BNA_G
ClientSampleId :
PB154469BL



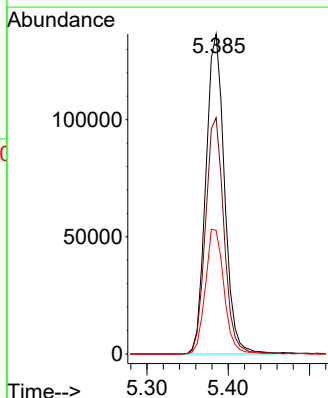
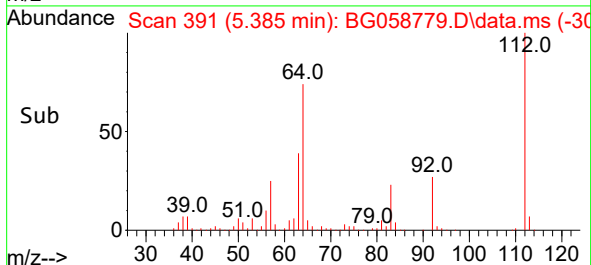
Tgt Ion:152 Resp: 24453
Ion Ratio Lower Upper
152 100
150 153.8 128.6 192.8
115 59.2 50.4 75.6

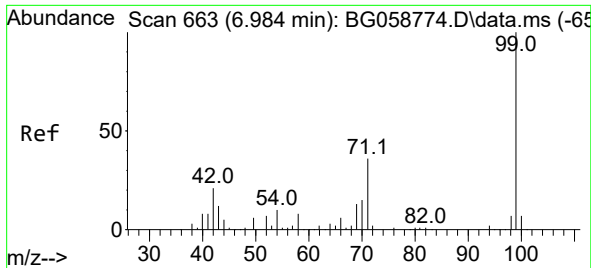


#5
2-Fluorophenol
Concen: 142.856 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.005 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49



Tgt Ion:112 Resp: 217073
Ion Ratio Lower Upper
112 100
64 73.8 60.6 90.8
63 38.7 31.0 46.4

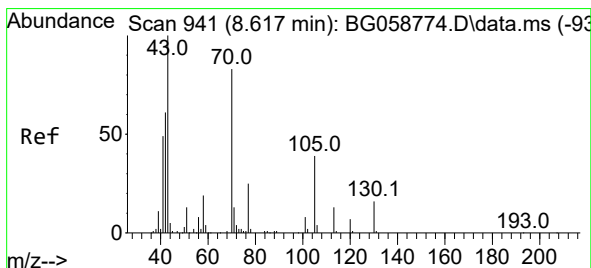
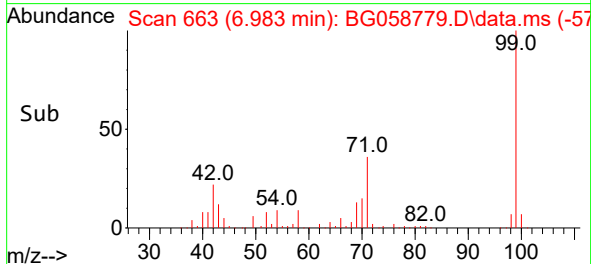
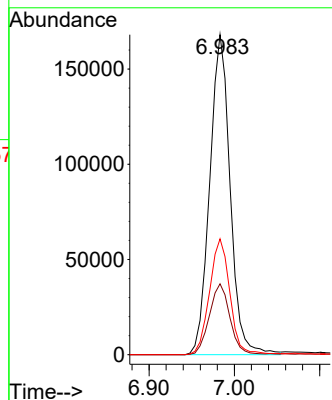
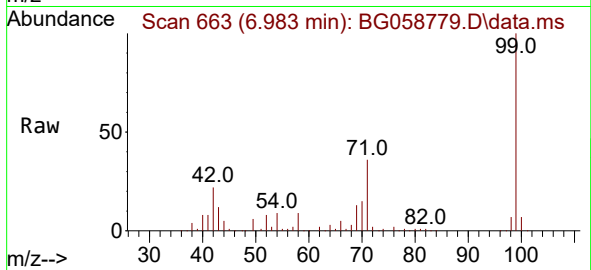




#7
Phenol-d6
Concen: 131.204 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

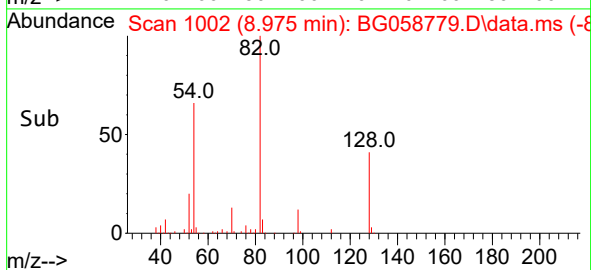
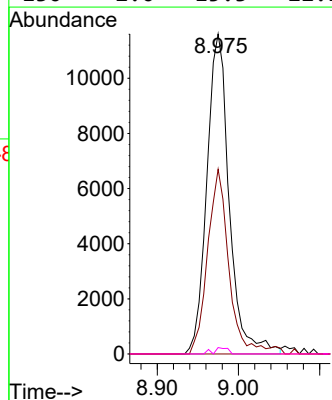
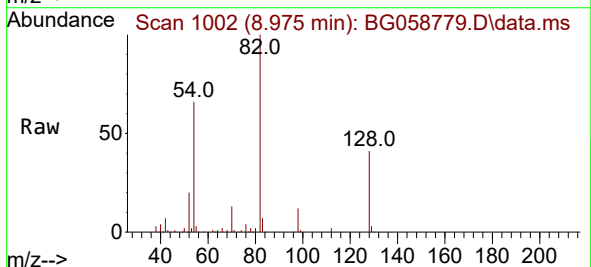
Instrument :
BNA_G
ClientSampleId :
PB154469BL

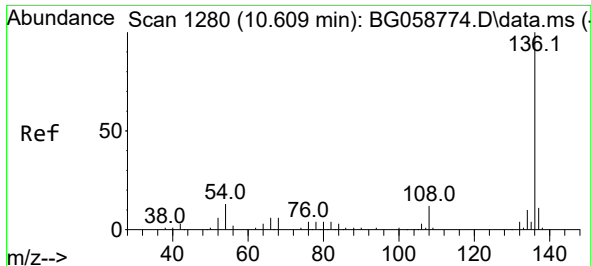
Tgt Ion: 99 Resp: 279715
Ion Ratio Lower Upper
99 100
42 22.2 16.5 24.7
71 36.2 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.114 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.358 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

Tgt Ion: 70 Resp: 22206
Ion Ratio Lower Upper
70 100
42 57.7 59.2 88.8#
101 0.0 8.2 12.2#
130 2.0 15.3 22.9#

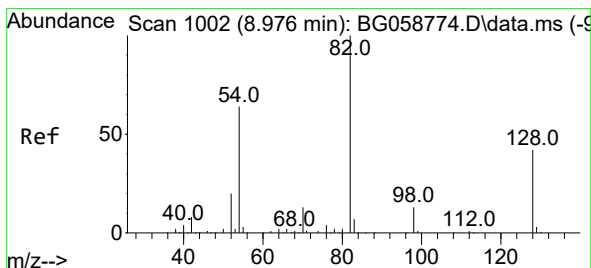
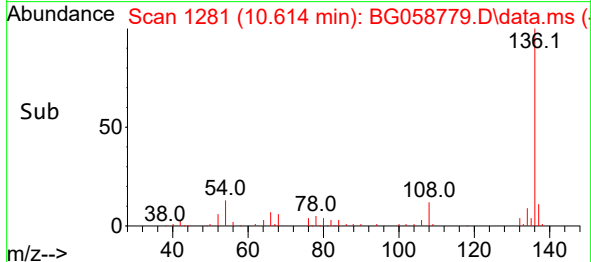
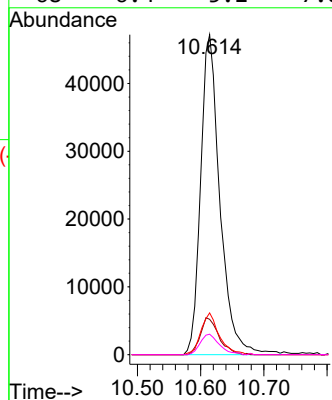
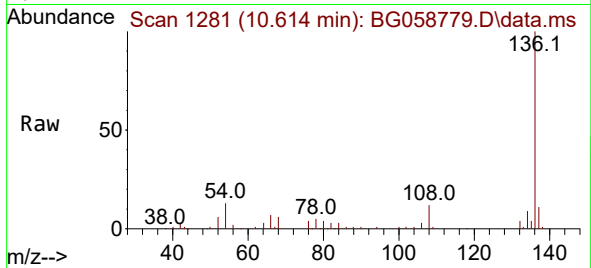




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.005 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

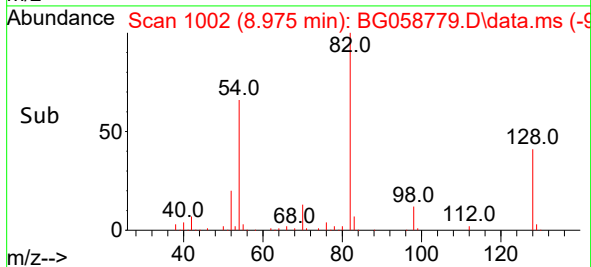
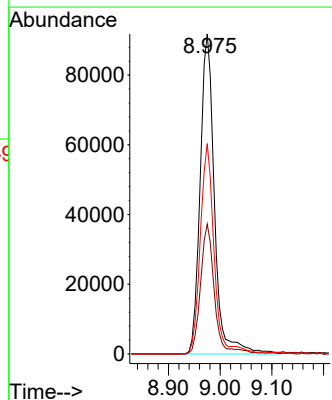
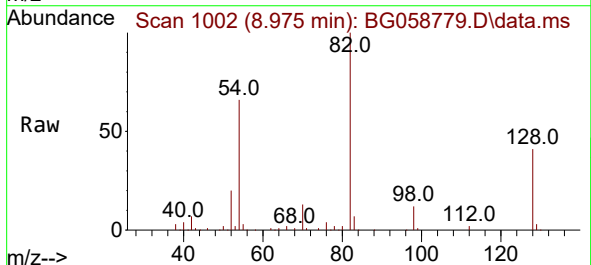
Instrument :
BNA_G
ClientSampleId :
PB154469BL

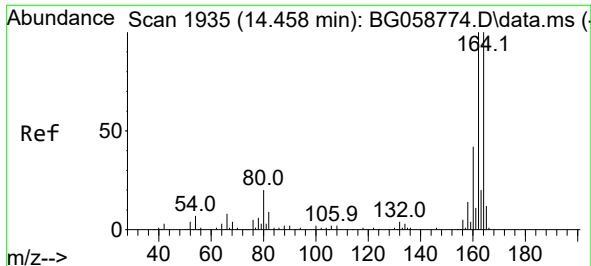
Tgt Ion:	136	Resp:	100199
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	13.1	10.1	15.1
68	6.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 84.600 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

Tgt Ion:	82	Resp:	176315
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.2	49.8
54	65.8	51.2	76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1935

Delta R.T. 0.005 min

Lab File: BG058779.D

Acq: 18 Aug 2023 16:49

Instrument :

BNA_G

ClientSampleId :

PB154469BL

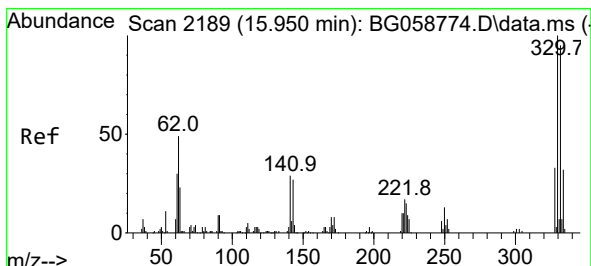
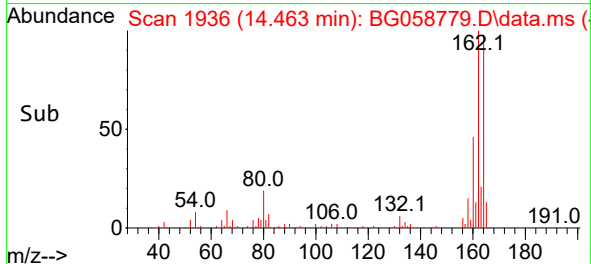
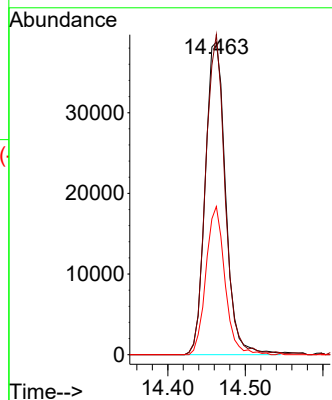
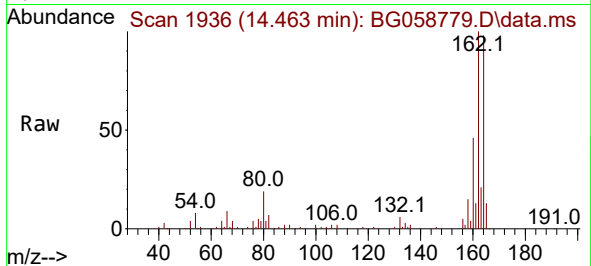
Tgt Ion:164 Resp: 70588

Ion Ratio Lower Upper

164 100

162 102.3 79.6 119.4

160 47.4 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 125.553 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.001 min

Lab File: BG058779.D

Acq: 18 Aug 2023 16:49

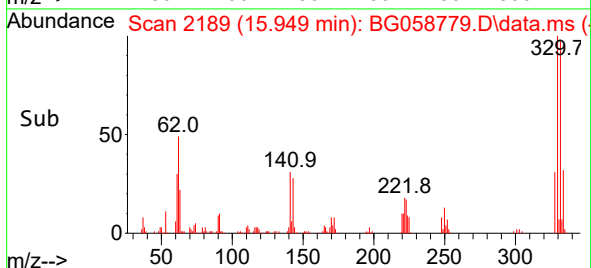
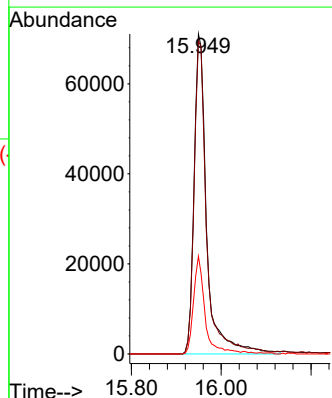
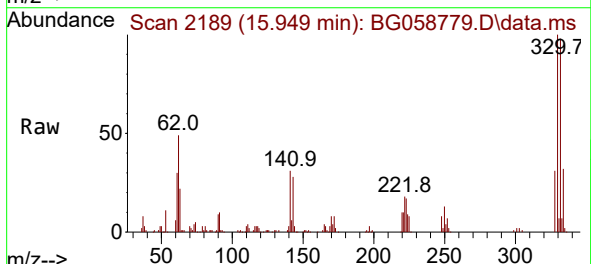
Tgt Ion:330 Resp: 138963

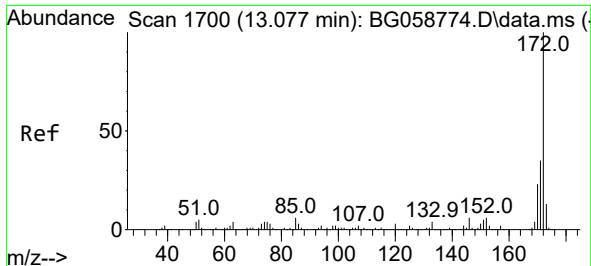
Ion Ratio Lower Upper

330 100

332 96.8 78.5 117.7

141 27.4 23.0 34.6

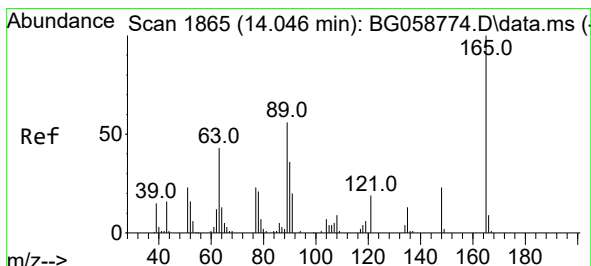
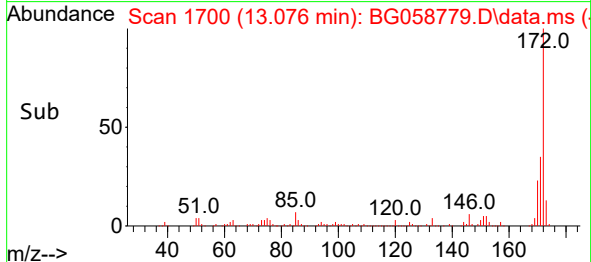
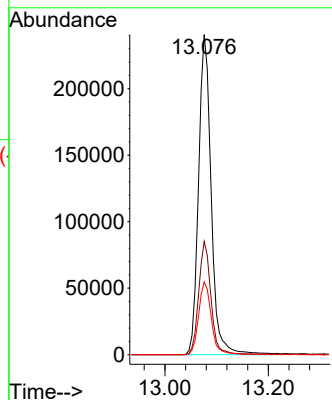
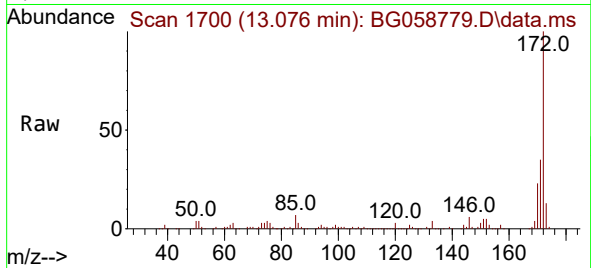




#45
2-Fluorobiphenyl
Concen: 84.209 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

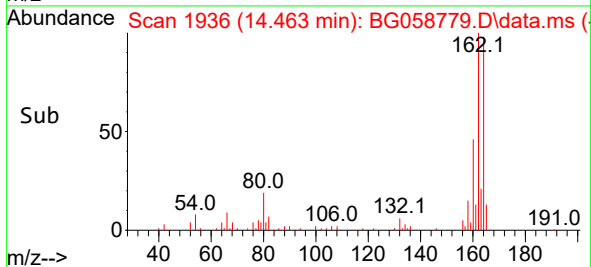
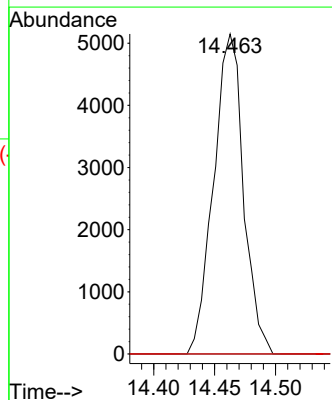
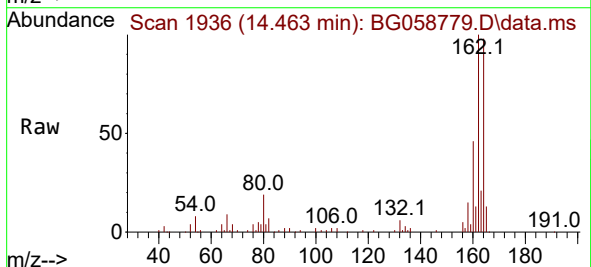
Instrument :
BNA_G
ClientSampleId :
PB154469BL

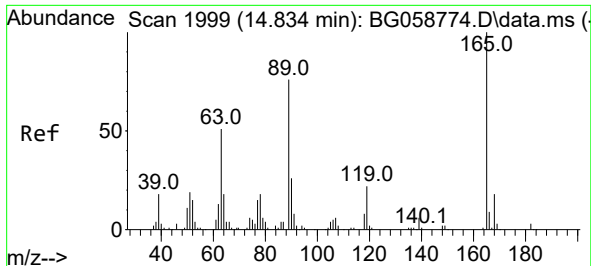
Tgt Ion:172 Resp: 408683
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 22.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.660 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.416 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

Tgt Ion:165 Resp: 8795
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.492 ng

RT: 14.463 min Scan# 1999

Delta R.T. -0.371 min

Lab File: BG058779.D

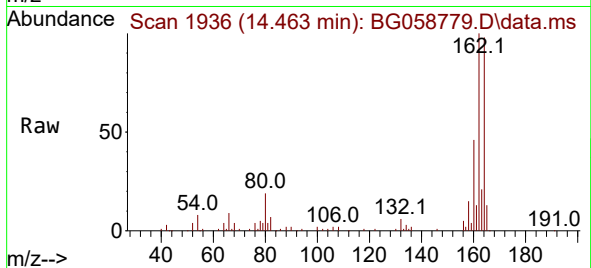
Acq: 18 Aug 2023 16:49

Instrument :

BNA_G

ClientSampleId :

PB154469BL



Tgt Ion:165 Resp: 8795

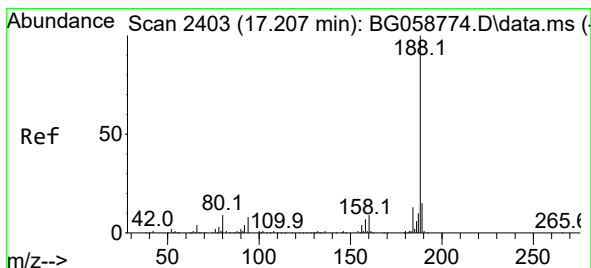
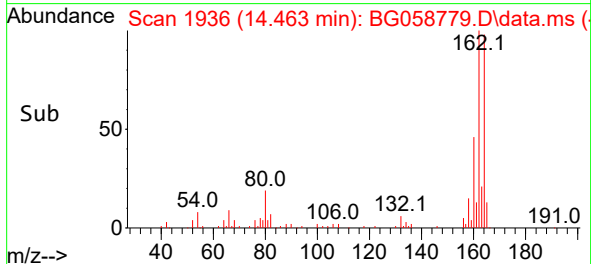
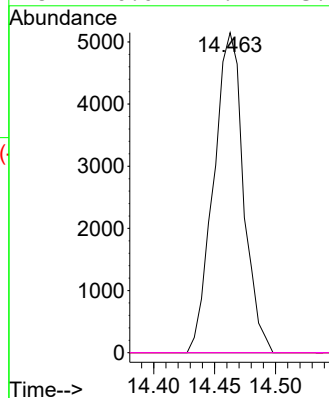
Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.6#

89 0.0 60.7 91.1#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. -0.001 min

Lab File: BG058779.D

Acq: 18 Aug 2023 16:49

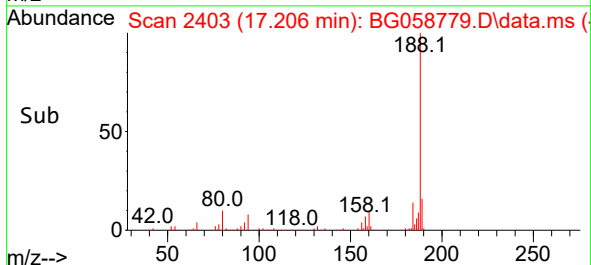
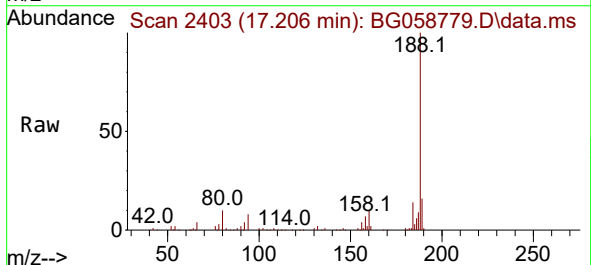
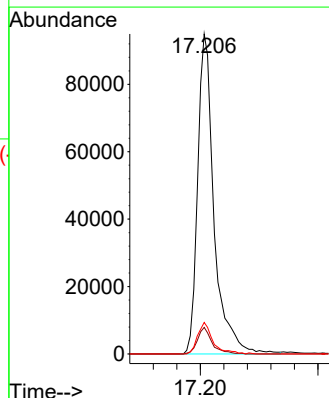
Tgt Ion:188 Resp: 183259

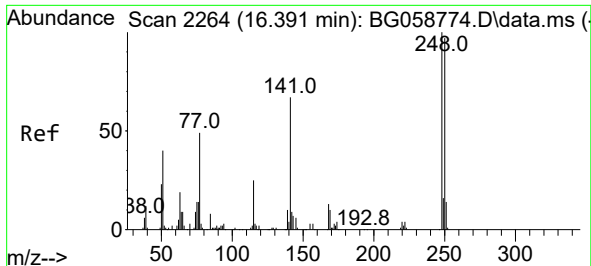
Ion Ratio Lower Upper

188 100

94 8.3 6.1 9.1

80 9.9 6.9 10.3

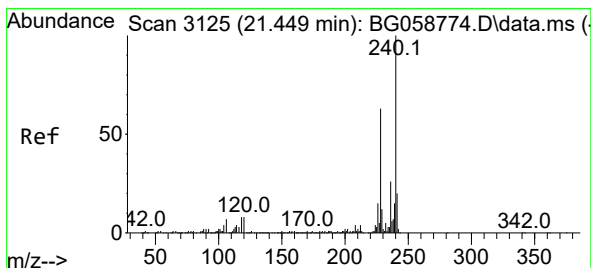
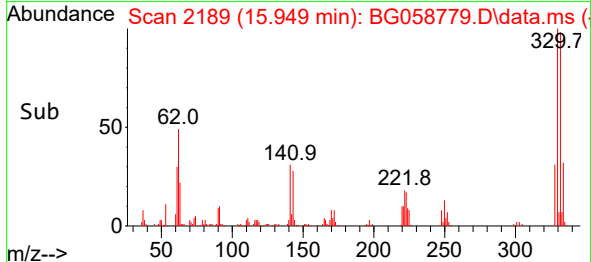
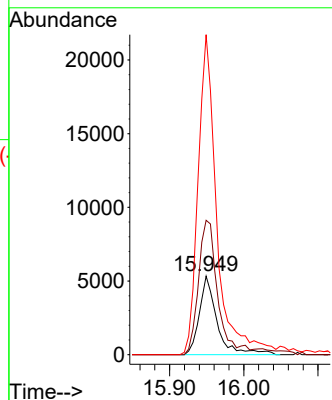
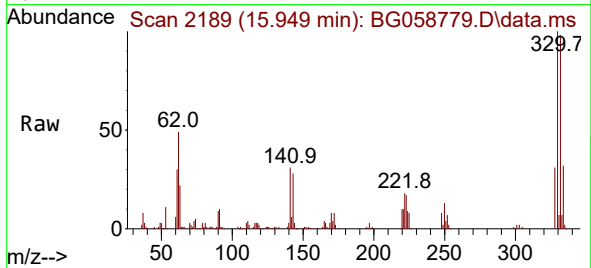




#67
4-Bromophenyl-phenylether
Concen: 4.428 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.442 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

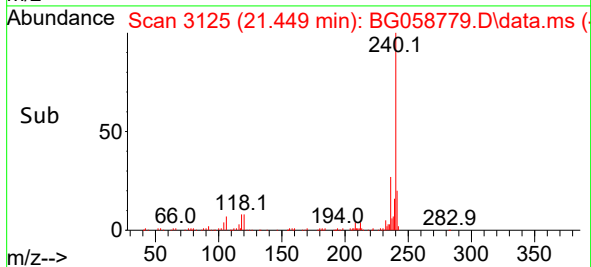
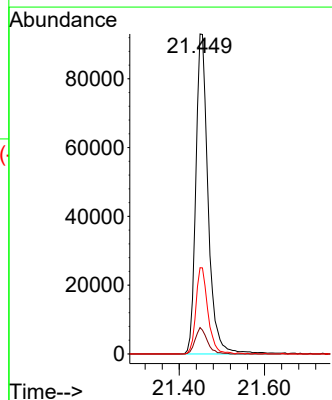
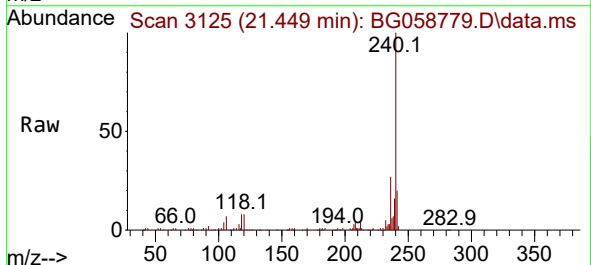
Instrument :
BNA_G
ClientSampleId :
PB154469BL

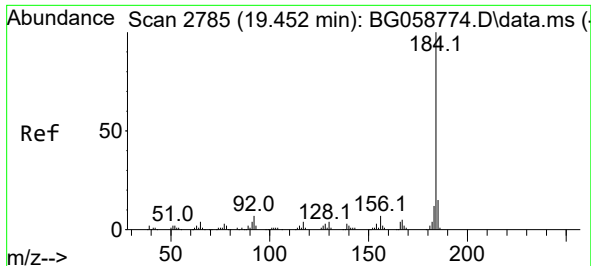
Tgt Ion:248 Resp: 8904
Ion Ratio Lower Upper
248 100
250 171.0 77.7 116.5#
141 407.0 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

Tgt Ion:240 Resp: 185891
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.2
236 26.9 20.5 30.7

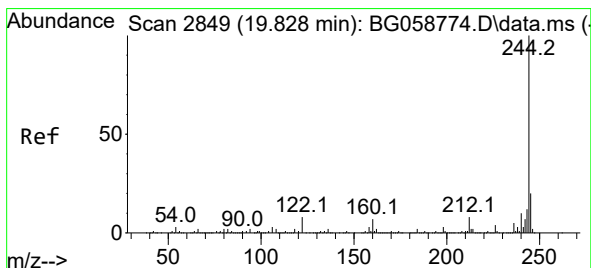
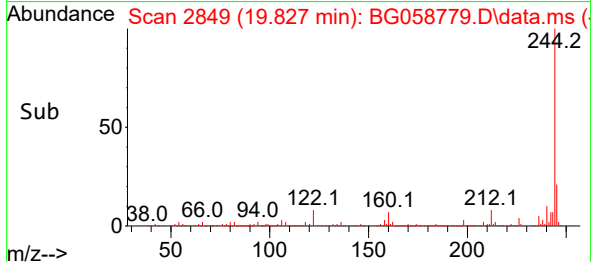
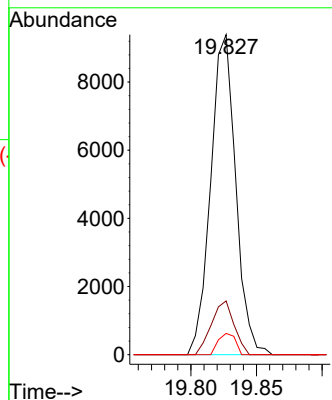
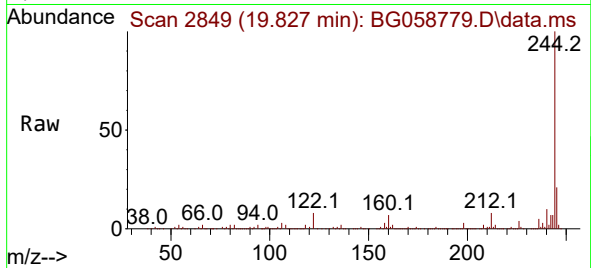




#77
Benzidine
Concen: 3.748 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.375 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

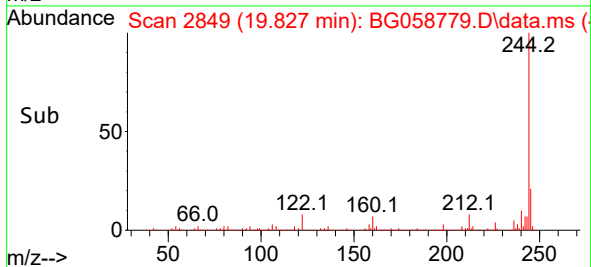
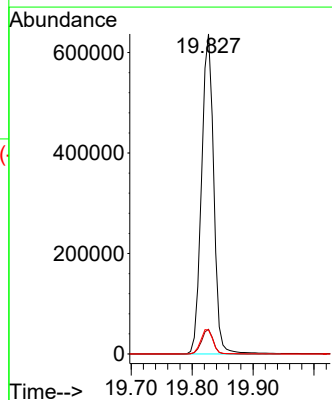
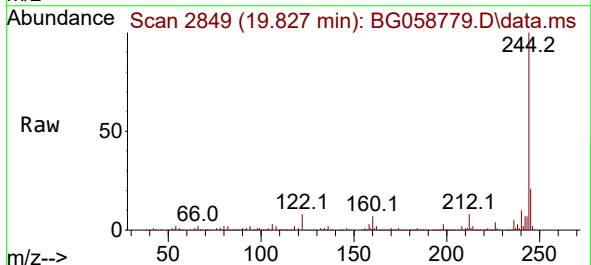
Instrument :
BNA_G
ClientSampleId :
PB154469BL

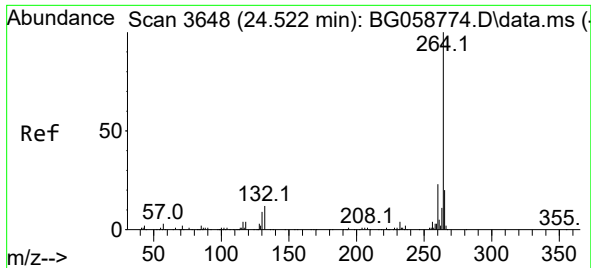
Tgt Ion:184 Resp: 12486
Ion Ratio Lower Upper
184 100
185 16.8 11.9 17.9
183 6.6 10.0 15.0#



#79
Terphenyl-d14
Concen: 85.700 ng
RT: 19.827 min Scan# 2849
Delta R.T. -0.001 min
Lab File: BG058779.D
Acq: 18 Aug 2023 16:49

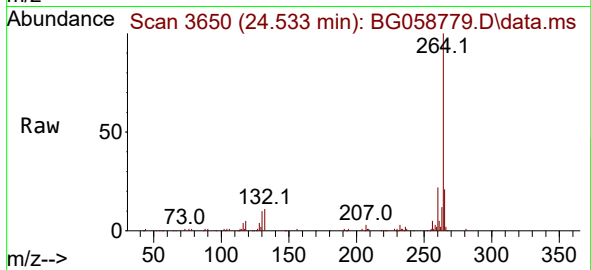
Tgt Ion:244 Resp: 887226
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 7.5 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.533 min Scan# 30
 Delta R.T. 0.011 min
 Lab File: BG058779.D
 Acq: 18 Aug 2023 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PB154469BL



Tgt Ion:264 Resp: 220147
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 20.8 16.4 24.6

