

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058619.D
 Acq On : 7 Aug 2023 9:27
 Operator : MA/JU
 Sample : PB154526BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154526BL

Quant Time: Aug 07 18:31:51 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)

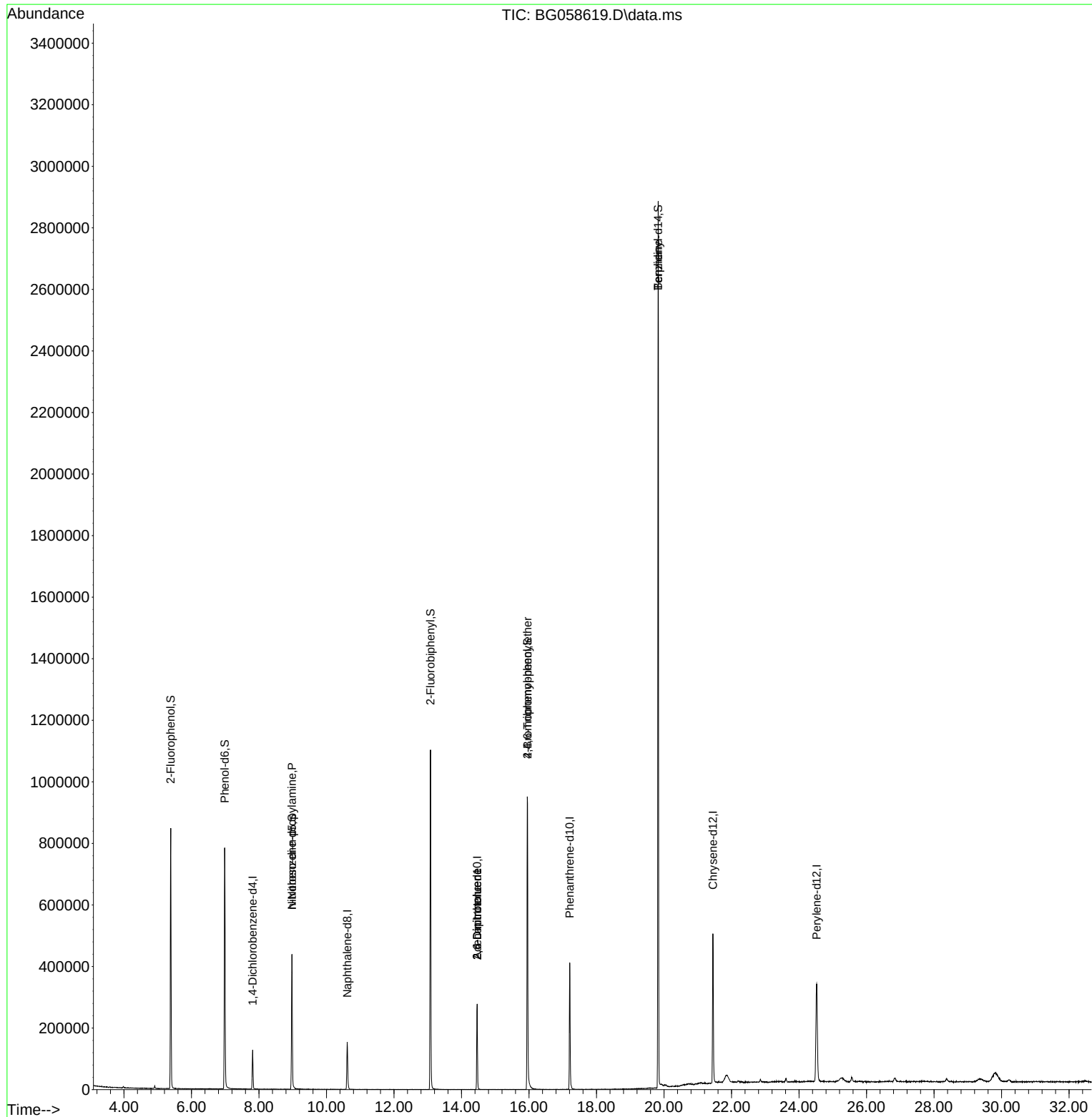
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	34416	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	145696	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	104470	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	282913	20.000	ng	0.00
76) Chrysene-d12	21.449	240	303659	20.000	ng	0.00
86) Perylene-d12	24.522	264	374756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	351002	155.884	ng	0.00
7) Phenol-d6	6.984	99	471775	150.574	ng	0.00
23) Nitrobenzene-d5	8.975	82	275356	92.844	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	236787	138.283	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	651683	93.482	ng	0.00
79) Terphenyl-d14	19.827	244	1546807	95.792	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	33809	16.706	ng	Qvalue # 81
51) 2,6-Dinitrotoluene	14.463	165	13478	7.829	ng	# 24
57) 2,4-Dinitrotoluene	14.463	165	13478	5.647	ng	# 24
67) 4-Bromophenyl-phenylether	15.956	248	14524	4.526	ng	# 1
77) Benzidine	19.827	184	19315	4.195	ng	# 93

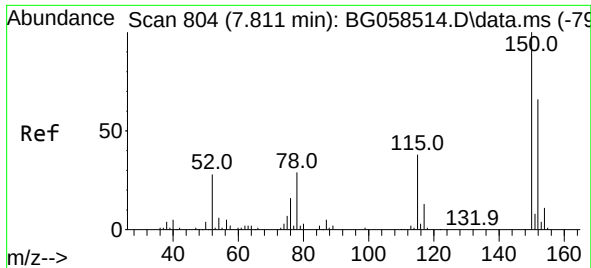
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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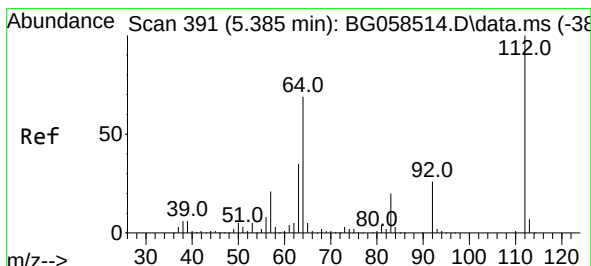
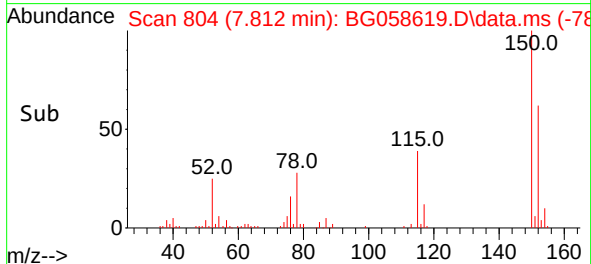
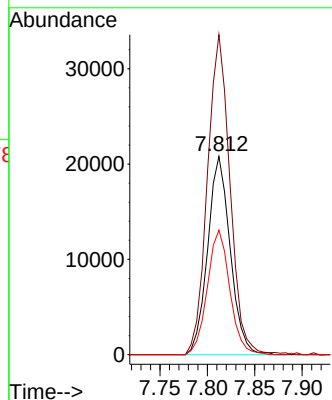
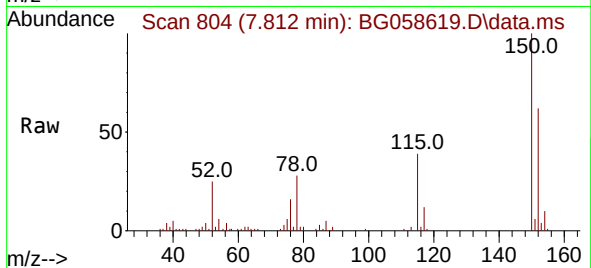




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

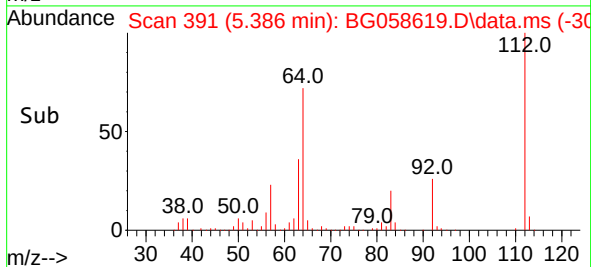
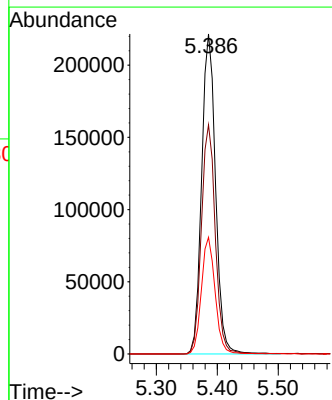
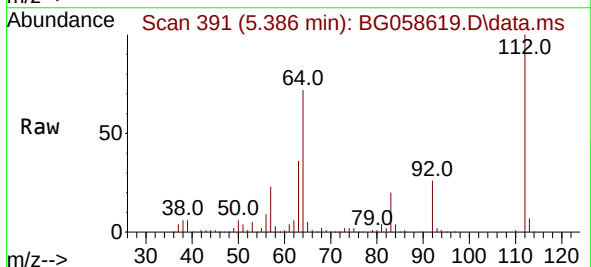
Instrument :
BNA_G
ClientSampleId :
PB154526BL

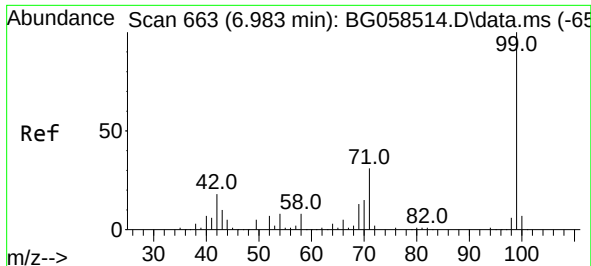
Tgt Ion:152 Resp: 34416
Ion Ratio Lower Upper
152 100
150 161.4 120.5 180.7
115 62.8 45.9 68.9



#5
2-Fluorophenol
Concen: 155.884 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

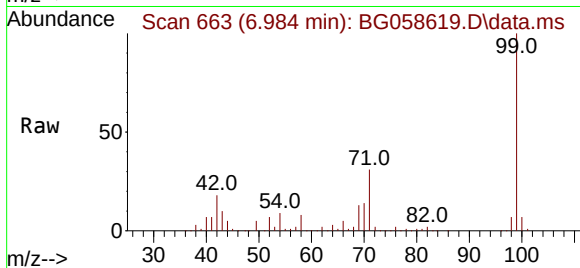
Tgt Ion:112 Resp: 351002
Ion Ratio Lower Upper
112 100
64 71.6 55.3 82.9
63 36.4 28.3 42.5



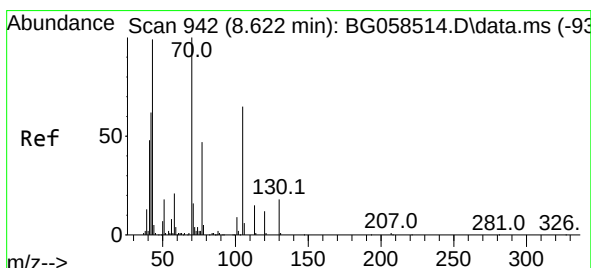
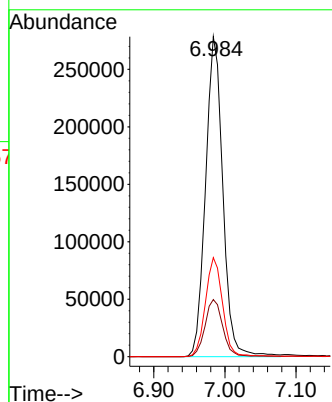
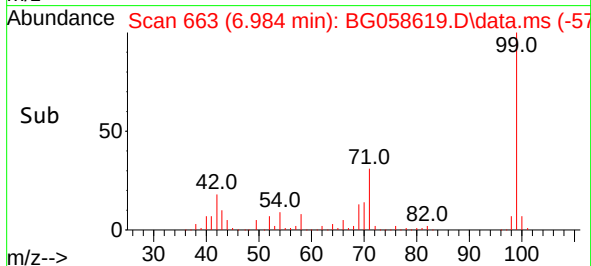


#7
Phenol-d6
Concen: 150.574 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

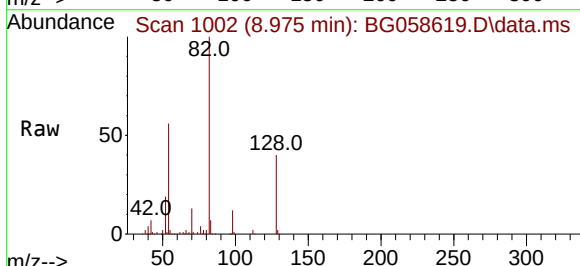
Instrument :
BNA_G
ClientSampleId :
PB154526BL



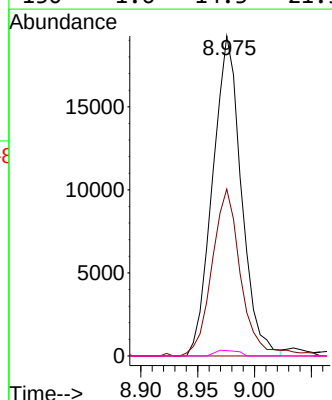
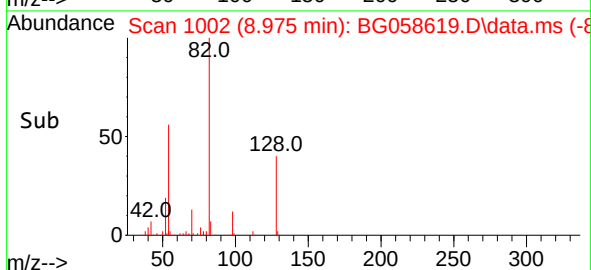
Tgt Ion: 99 Resp: 471775
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 30.9 25.0 37.4

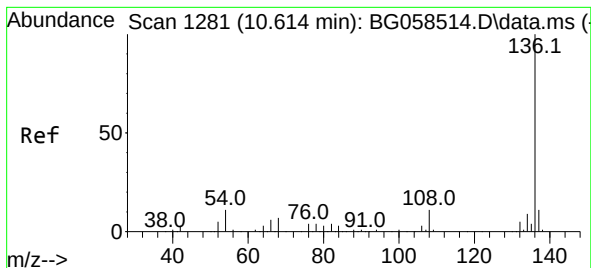


#19
n-Nitroso-di-n-propylamine
Concen: 16.706 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27



Tgt Ion: 70 Resp: 33809
Ion Ratio Lower Upper
70 100
42 52.2 49.7 74.5
101 0.0 7.0 10.4#
130 1.6 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: BG058619.D

Acq: 7 Aug 2023 9:27

Instrument :

BNA_G

ClientSampleId :

PB154526BL

Tgt Ion:136 Resp: 145696

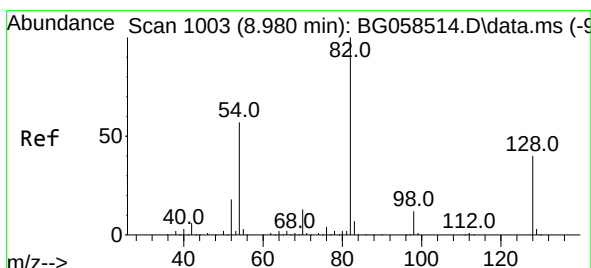
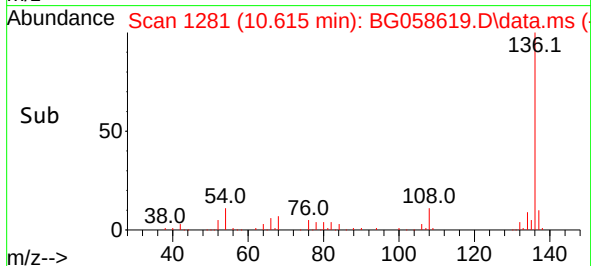
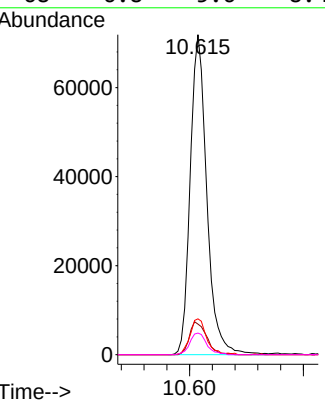
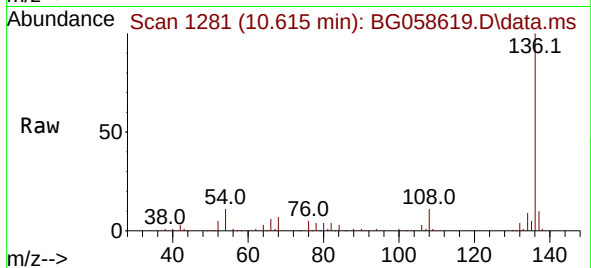
Ion Ratio Lower Upper

136 100

137 9.5 8.6 13.0

54 11.2 8.9 13.3

68 6.8 5.6 8.4



#23

Nitrobenzene-d5

Concen: 92.844 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058619.D

Acq: 7 Aug 2023 9:27

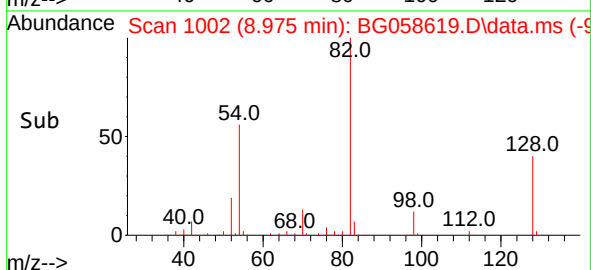
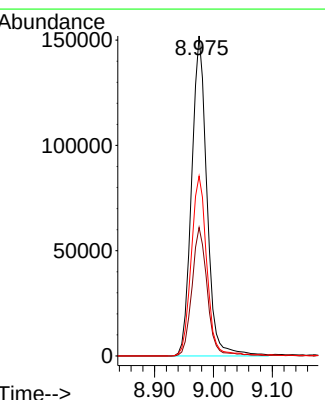
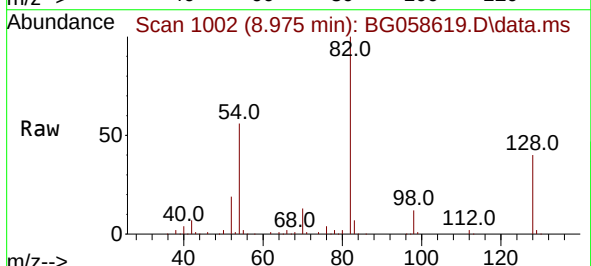
Tgt Ion: 82 Resp: 275356

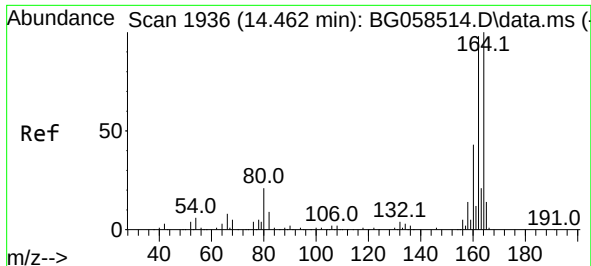
Ion Ratio Lower Upper

82 100

128 40.2 32.2 48.2

54 56.2 46.0 69.0

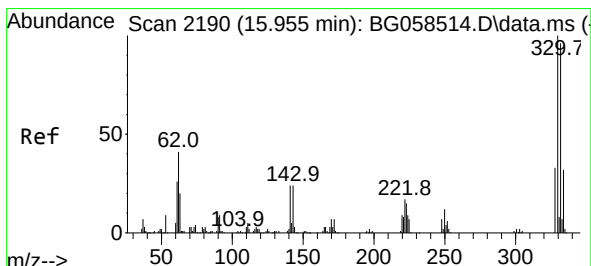
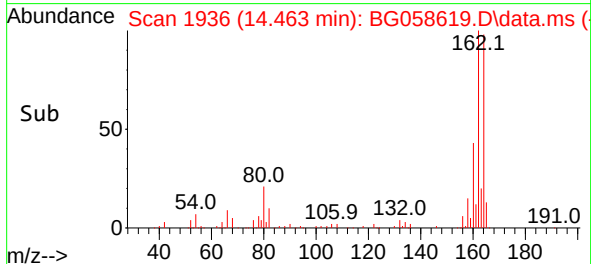
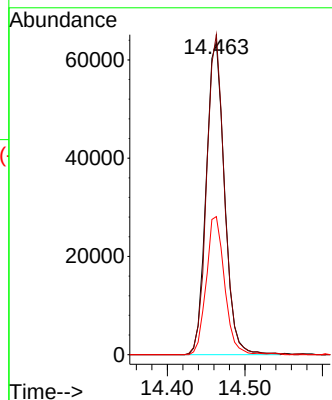
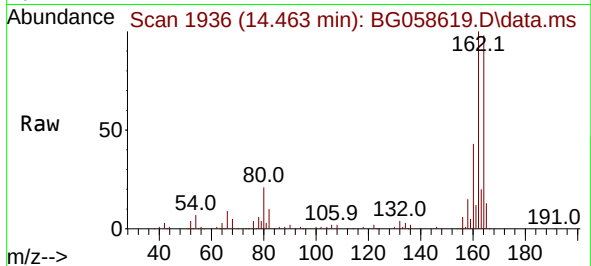




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

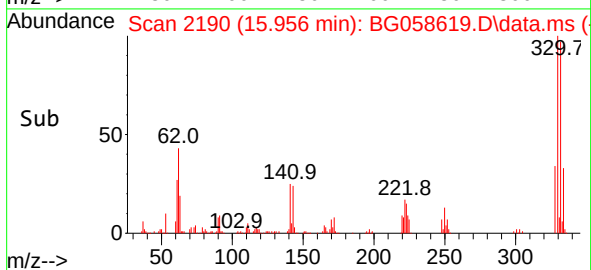
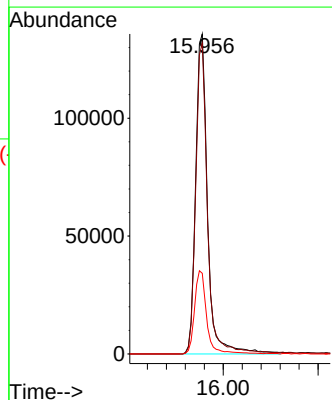
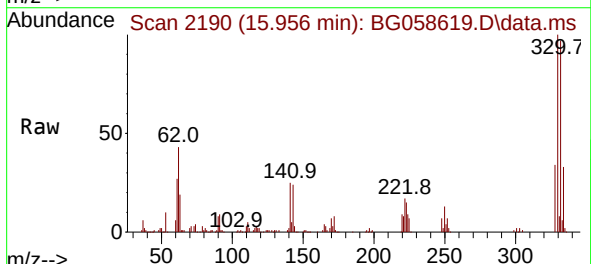
Instrument :
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ClientSampleId :
PB154526BL

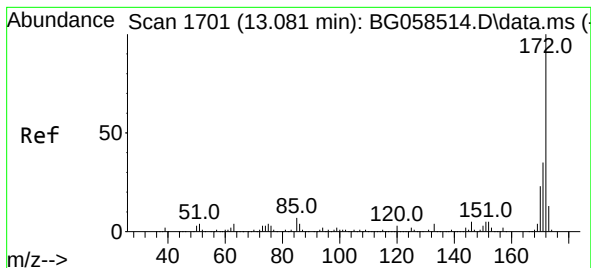
Tgt Ion:164 Resp: 104470
Ion Ratio Lower Upper
164 100
162 102.3 78.3 117.5
160 44.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 138.283 ng
RT: 15.956 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

Tgt Ion:330 Resp: 236787
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 26.4 20.7 31.1

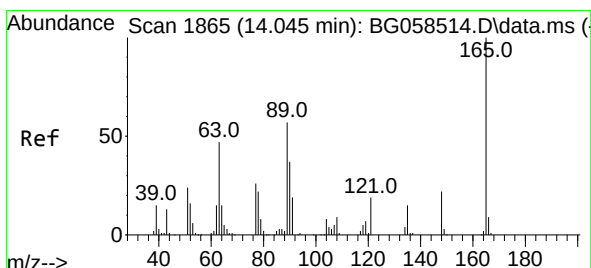
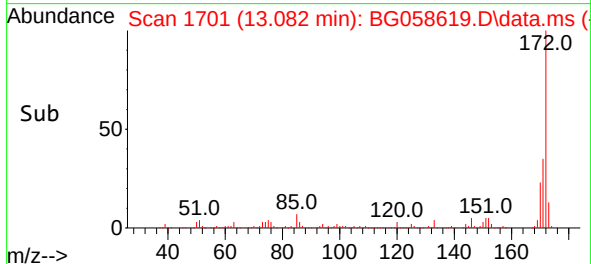
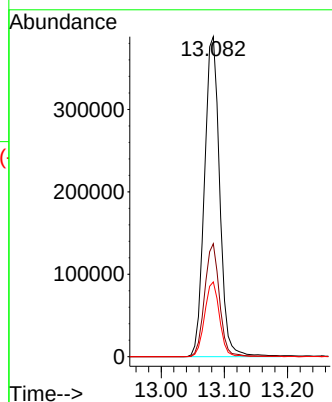
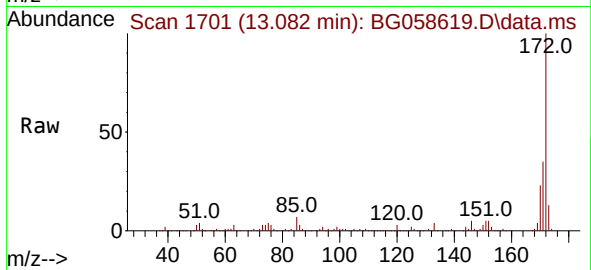




#45
2-Fluorobiphenyl
Concen: 93.482 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

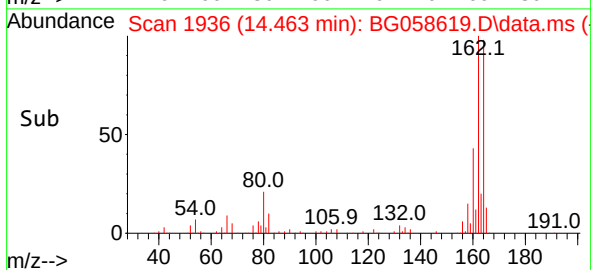
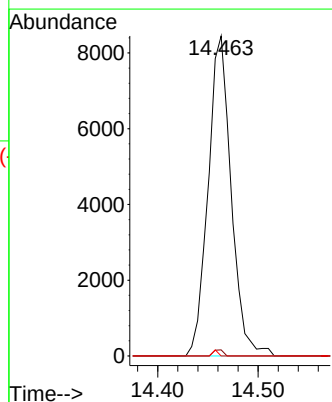
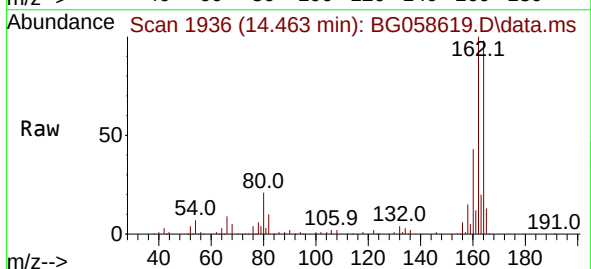
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BNA_G
ClientSampleId :
PB154526BL

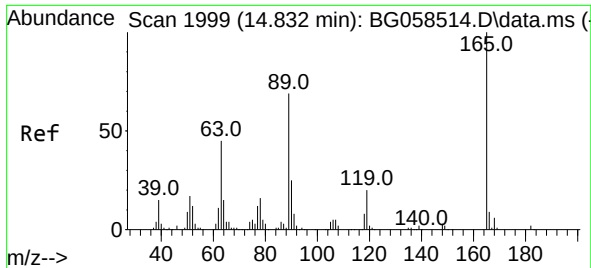
Tgt Ion:172 Resp: 651683
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.3 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.829 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.418 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

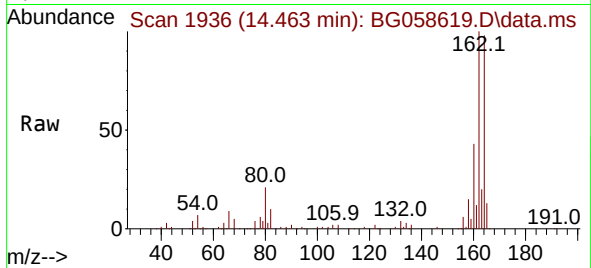
Tgt Ion:165 Resp: 13478
Ion Ratio Lower Upper
165 100
63 1.9 46.4 69.6#
89 0.0 45.3 67.9#



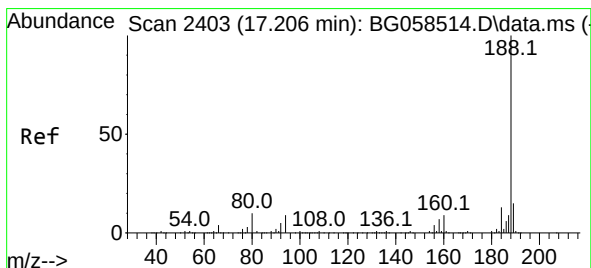
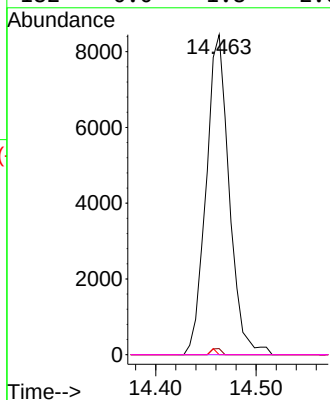
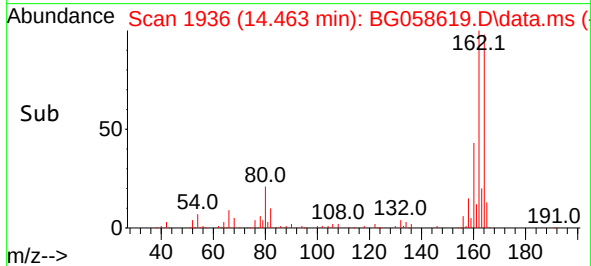


#57
2,4-Dinitrotoluene
Concen: 5.647 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.369 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

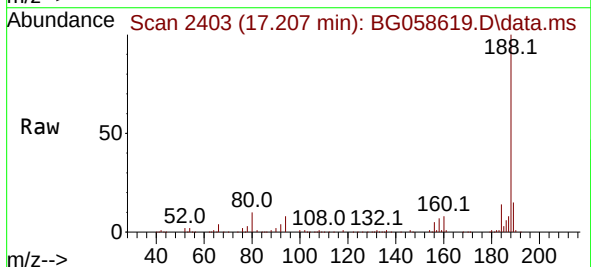
Instrument :
BNA_G
ClientSampleId :
PB154526BL



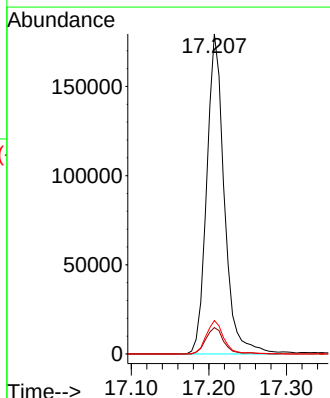
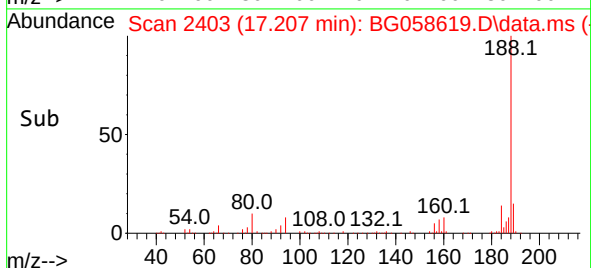
Tgt Ion:165 Resp: 13478
Ion Ratio Lower Upper
165 100
63 1.9 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#

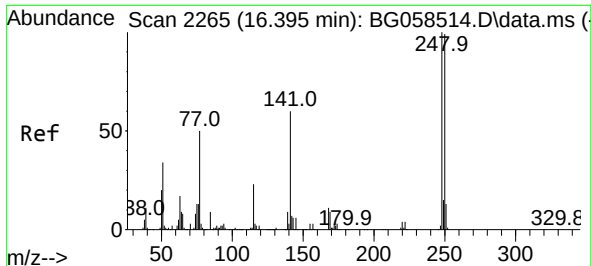


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27



Tgt Ion:188 Resp: 282913
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 10.4 8.1 12.1

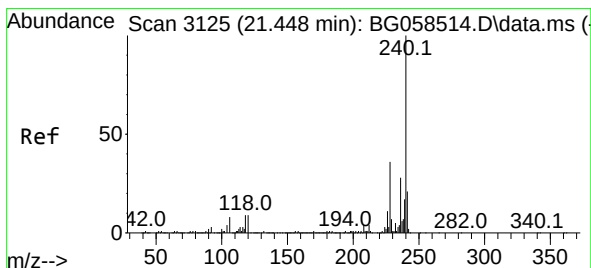
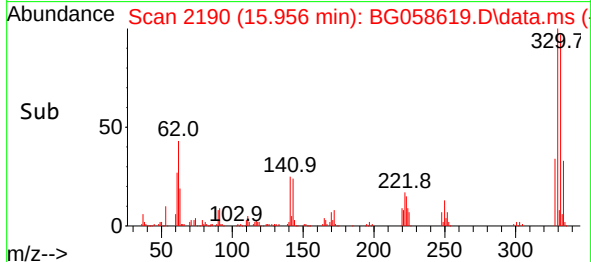
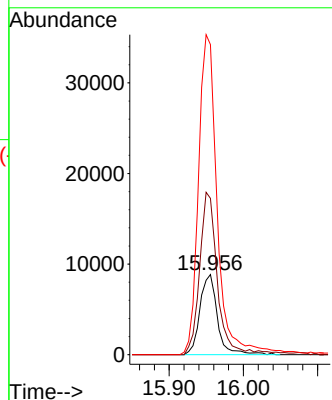
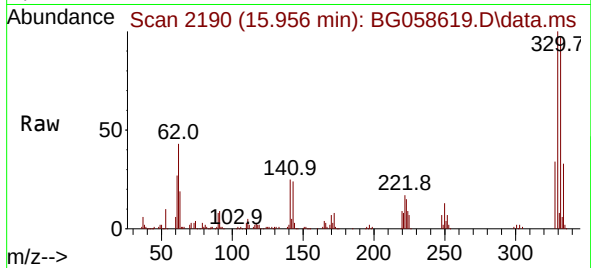




#67
4-Bromophenyl-phenylether
Concen: 4.526 ng
RT: 15.956 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

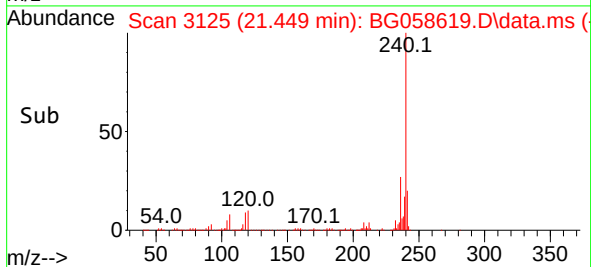
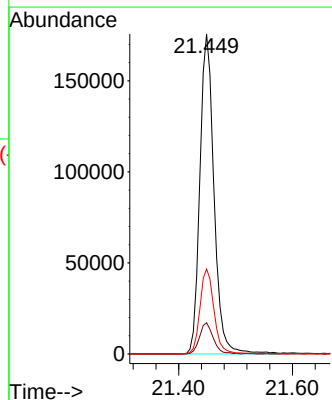
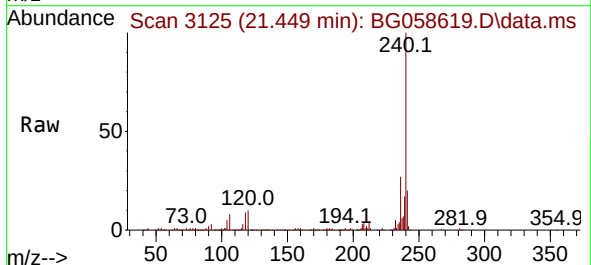
Instrument :
BNA_G
ClientSampleId :
PB154526BL

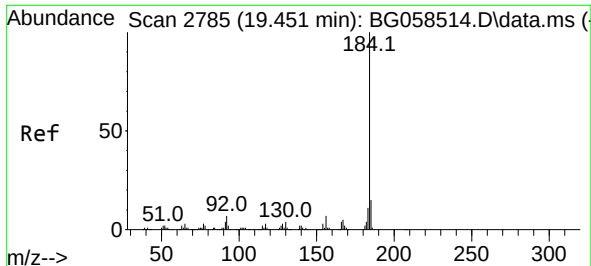
Tgt Ion:248 Resp: 14524
Ion Ratio Lower Upper
248 100
250 194.8 79.5 119.3#
141 386.6 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

Tgt Ion:240 Resp: 303659
Ion Ratio Lower Upper
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120 9.7 7.4 11.0
236 26.6 22.2 33.4

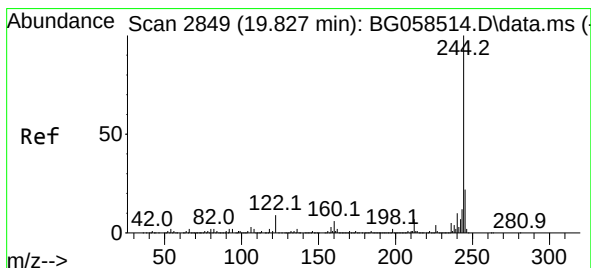
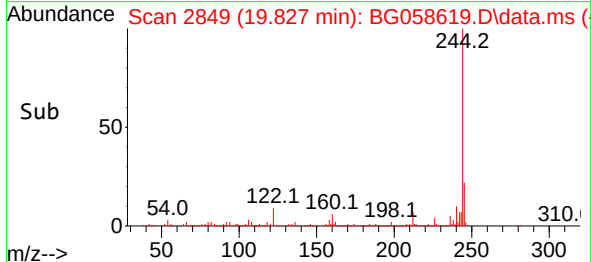
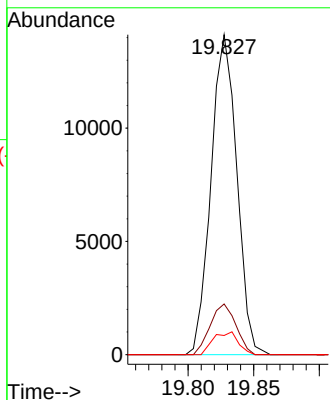
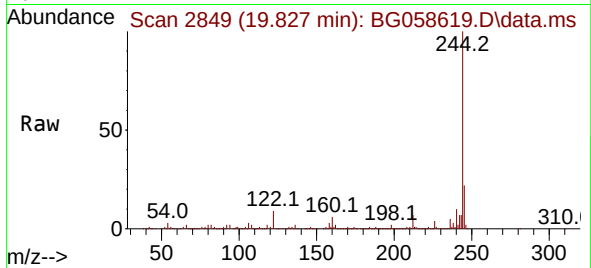




#77
Benzidine
Concen: 4.195 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

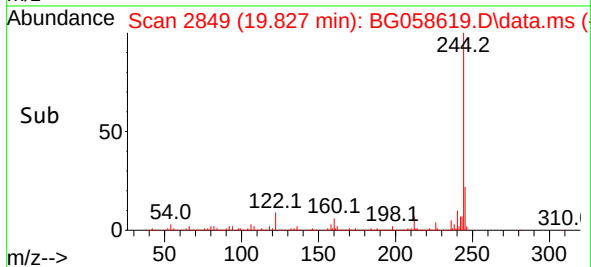
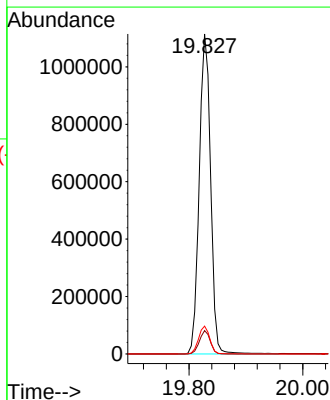
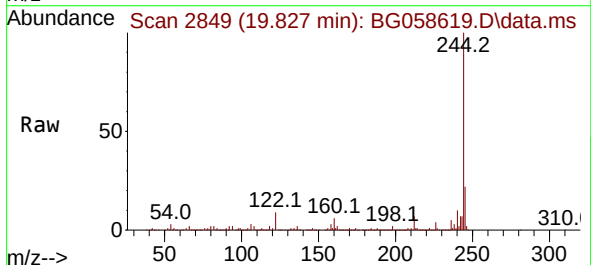
Instrument :
BNA_G
ClientSampleId :
PB154526BL

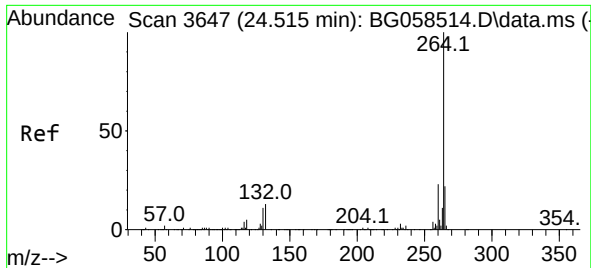
Tgt Ion:184 Resp: 19315
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 6.0 8.7 13.1#



#79
Terphenyl-d14
Concen: 95.792 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

Tgt Ion:244 Resp: 1546807
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.7 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: BG058619.D
 Acq: 7 Aug 2023 9:27

Instrument :
 BNA_G
 ClientSampleId :
 PB154526BL

Tgt Ion:264 Resp: 374756
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.9 17.9 26.9

