

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058635.D
 Acq On : 8 Aug 2023 9:31
 Operator : MA/JU
 Sample : PB154669BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154669BL

Quant Time: Aug 09 04:06:41 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)

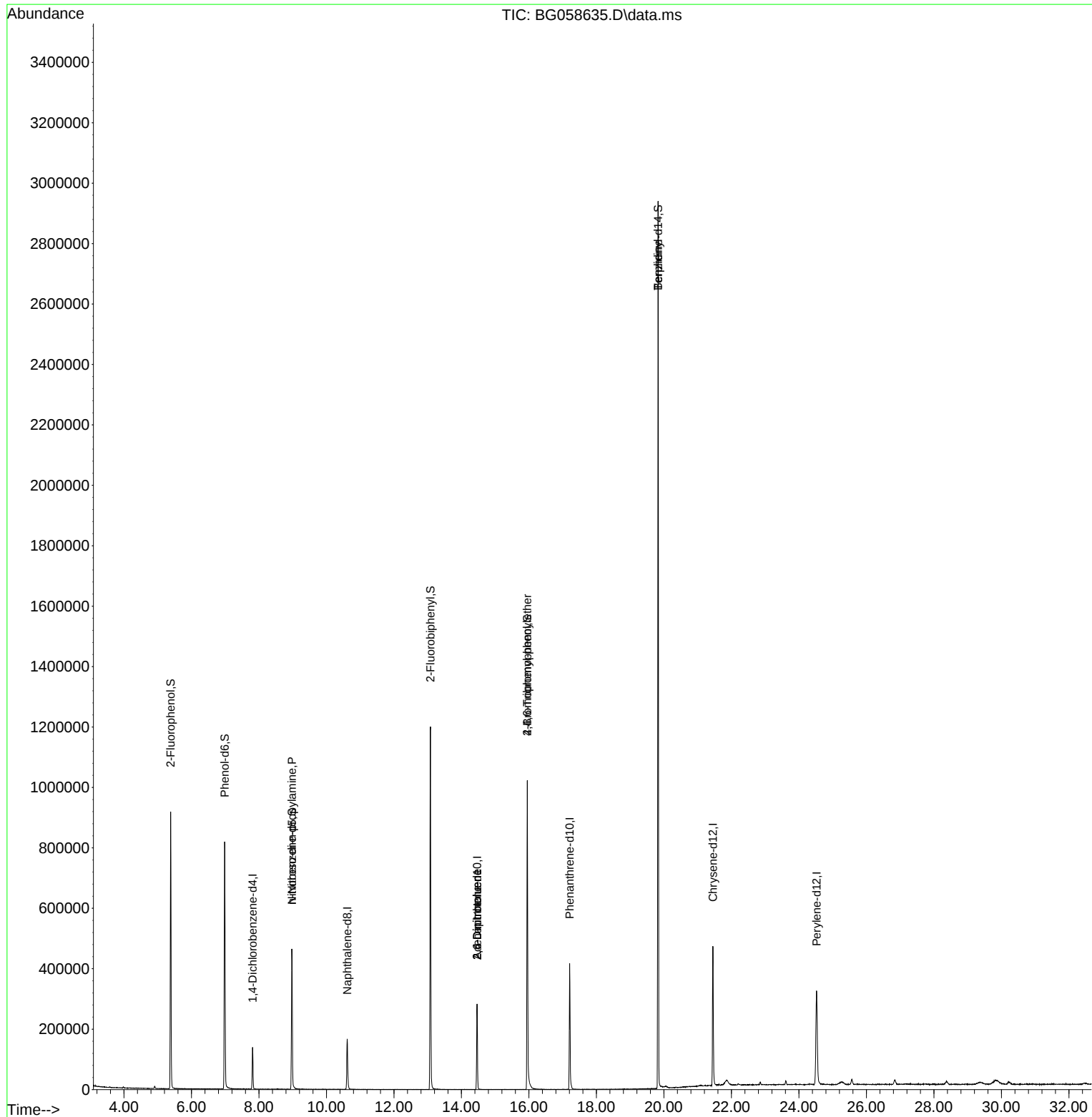
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	38817	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	160774	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	112785	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	300164	20.000	ng	0.00
76) Chrysene-d12	21.449	240	300376	20.000	ng	0.00
86) Perylene-d12	24.522	264	363822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	379295	149.351	ng	0.00
7) Phenol-d6	6.984	99	511323	144.693	ng	0.00
23) Nitrobenzene-d5	8.975	82	298118	91.091	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	247584	133.929	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	696169	92.501	ng	0.00
79) Terphenyl-d14	19.827	244	1550338	97.060	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	36073	15.803	ng	Qvalue
51) 2,6-Dinitrotoluene	14.463	165	14161	7.619	ng	# 78
57) 2,4-Dinitrotoluene	14.463	165	14161	5.496	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	15541	4.565	ng	# 1
77) Benzidine	19.827	184	19435	4.267	ng	# 93

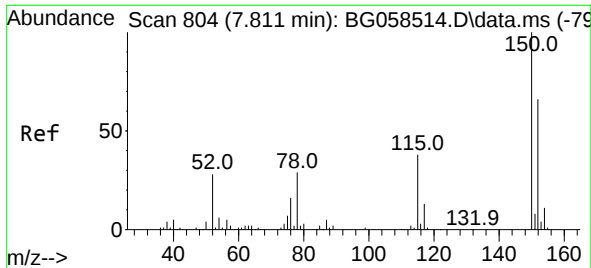
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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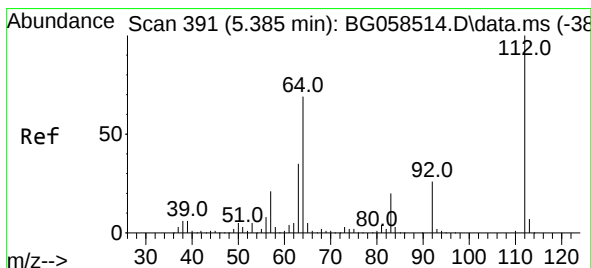
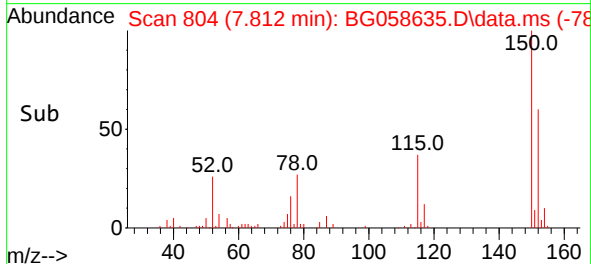
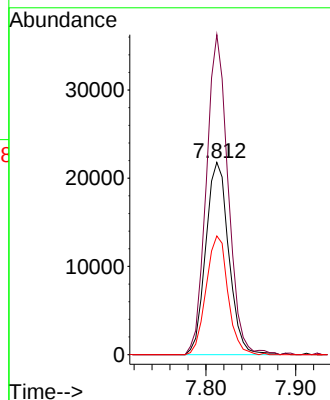
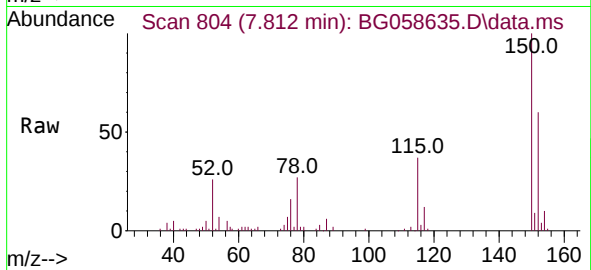




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

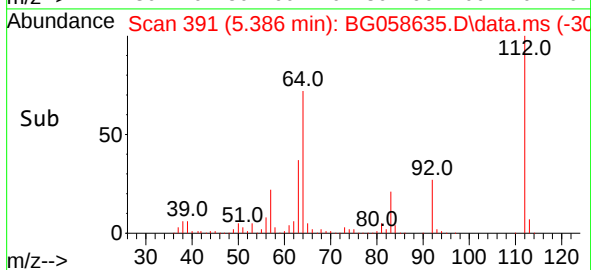
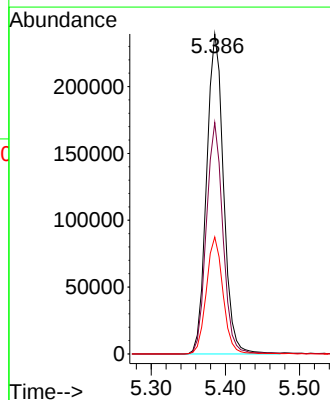
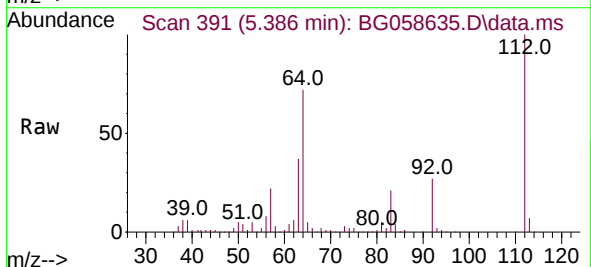
Instrument :
BNA_G
ClientSampleId :
PB154669BL

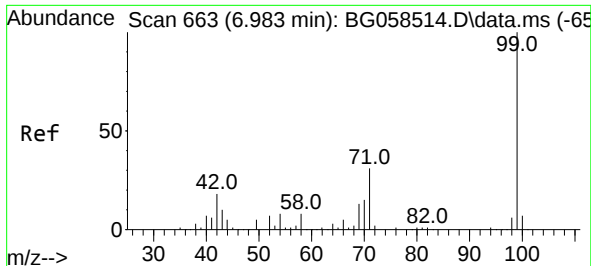
Tgt Ion:152 Resp: 38817
Ion Ratio Lower Upper
152 100
150 166.5 120.5 180.7
115 61.7 45.9 68.9



#5
2-Fluorophenol
Concen: 149.351 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

Tgt Ion:112 Resp: 379295
Ion Ratio Lower Upper
112 100
64 72.3 55.3 82.9
63 36.5 28.3 42.5

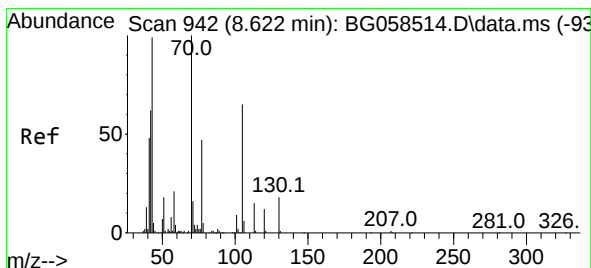
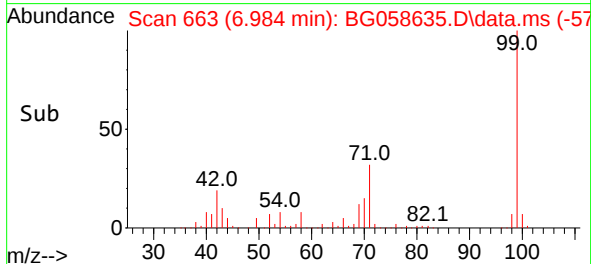
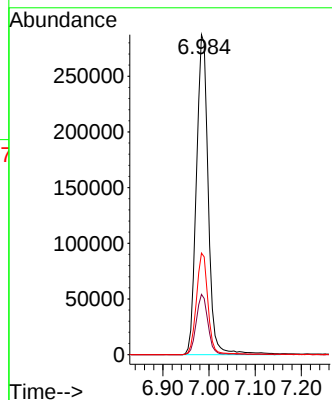
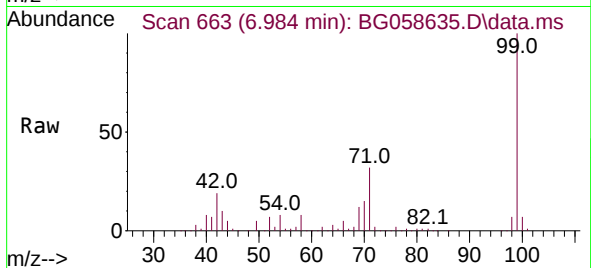




#7
Phenol-d6
Concen: 144.693 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

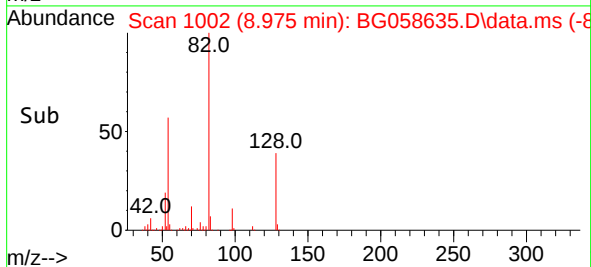
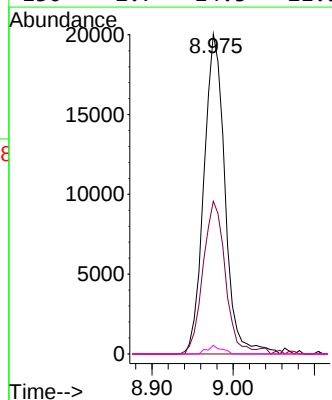
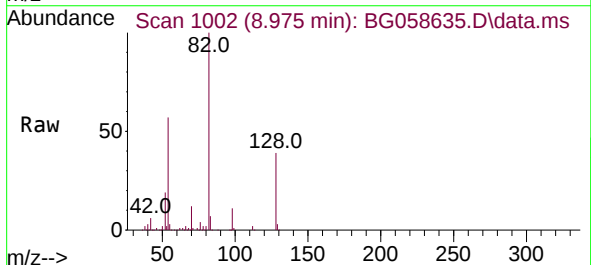
Instrument :
BNA_G
ClientSampleId :
PB154669BL

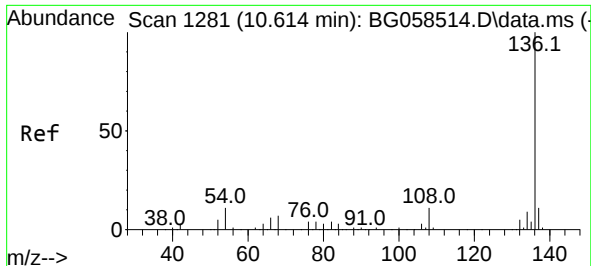
Tgt Ion: 99 Resp: 511323
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 31.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.803 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

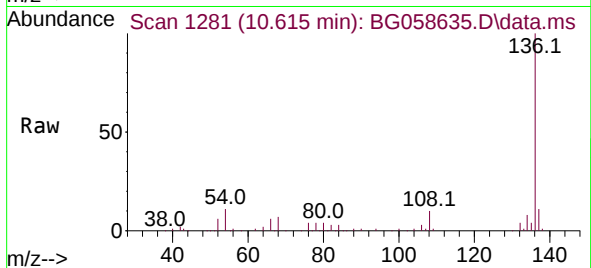
Tgt Ion: 70 Resp: 36073
Ion Ratio Lower Upper
70 100
42 47.7 49.7 74.5#
101 0.0 7.0 10.4#
130 2.7 14.3 21.5#





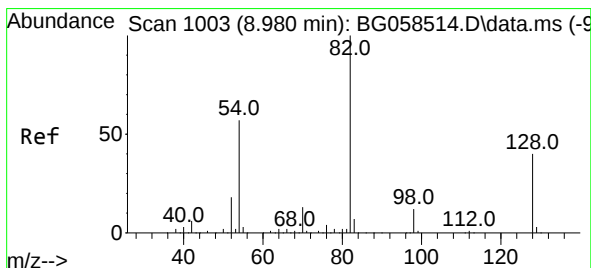
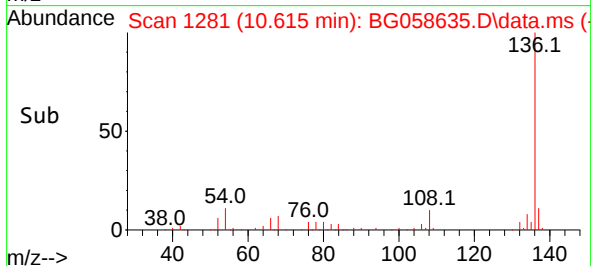
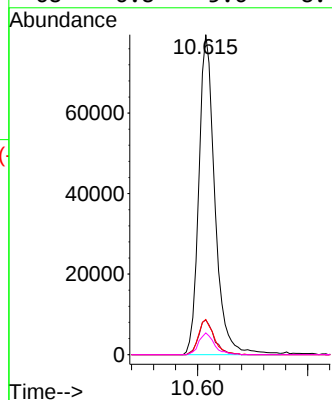
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

Instrument :
BNA_G
ClientSampleId :
PB154669BL



Tgt Ion:136 Resp: 160774

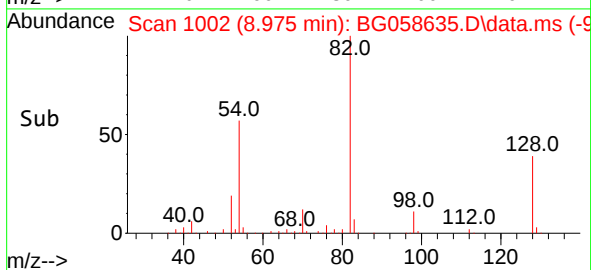
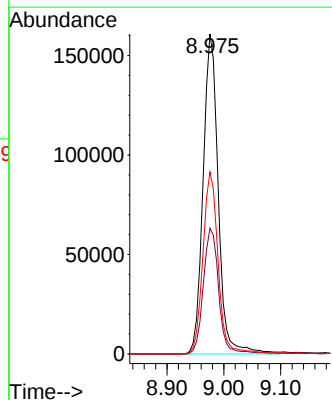
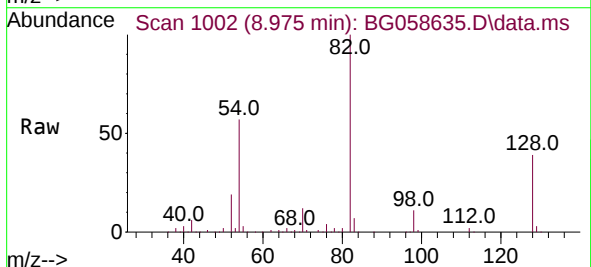
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	11.0	8.9	13.3
68	6.8	5.6	8.4

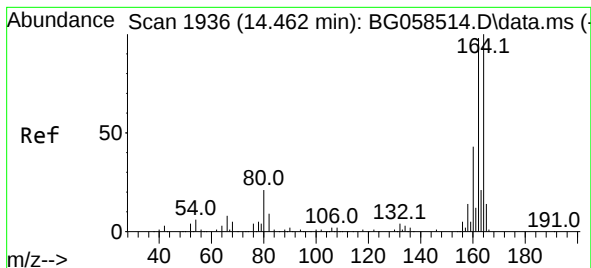


#23
Nitrobenzene-d5
Concen: 91.091 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

Tgt Ion: 82 Resp: 298118

Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.2	48.2
54	56.8	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: BG058635.D

Acq: 8 Aug 2023 9:31

Instrument :

BNA_G

ClientSampleId :

PB154669BL

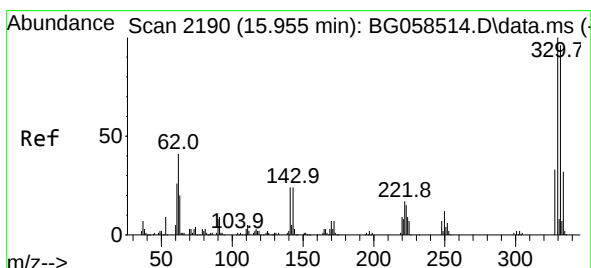
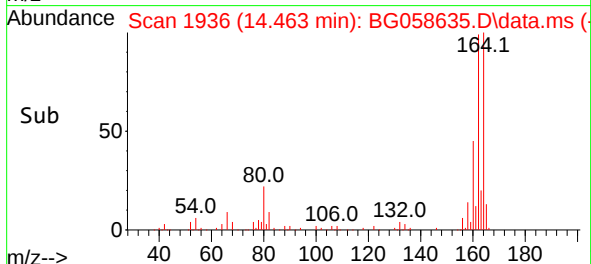
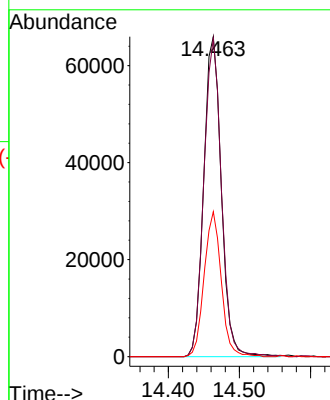
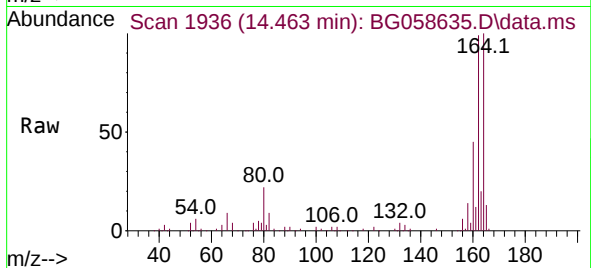
Tgt Ion:164 Resp: 112785

Ion Ratio Lower Upper

164 100

162 99.4 78.3 117.5

160 45.3 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 133.929 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.005 min

Lab File: BG058635.D

Acq: 8 Aug 2023 9:31

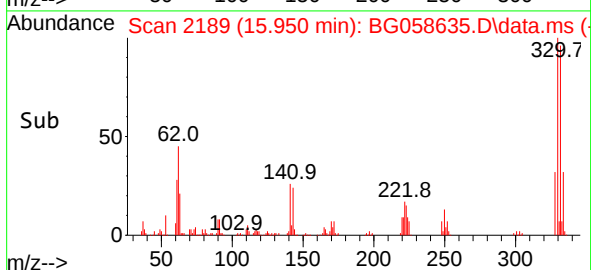
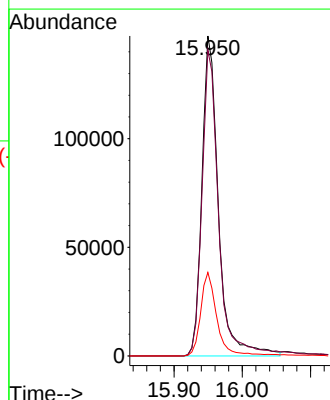
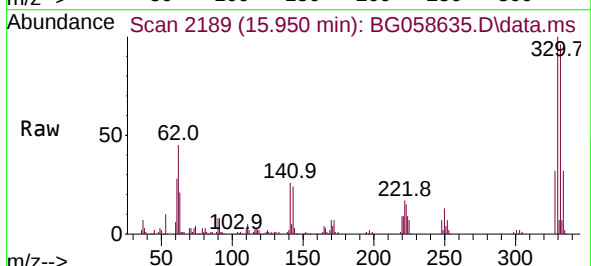
Tgt Ion:330 Resp: 247584

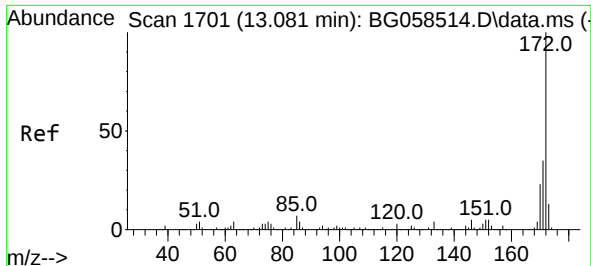
Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

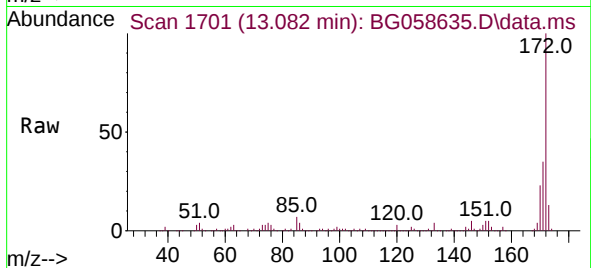
141 26.1 20.7 31.1



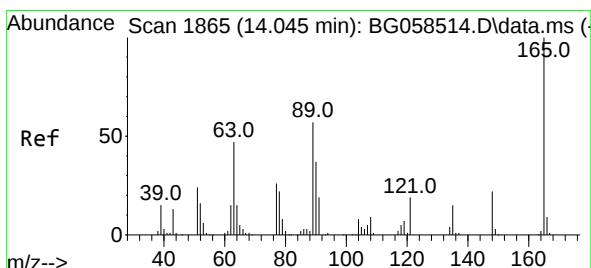
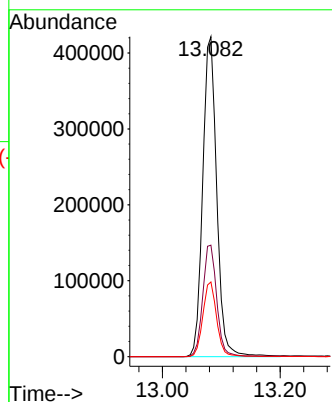
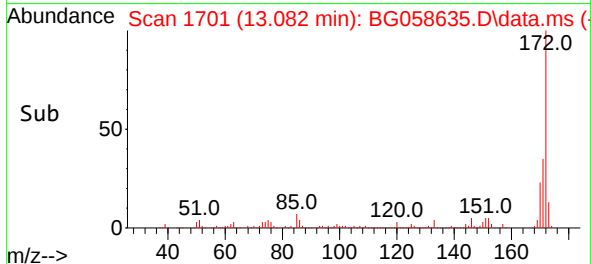


#45
 2-Fluorobiphenyl
 Concen: 92.501 ng
 RT: 13.082 min Scan# 1701
 Delta R.T. 0.001 min
 Lab File: BG058635.D
 Acq: 8 Aug 2023 9:31

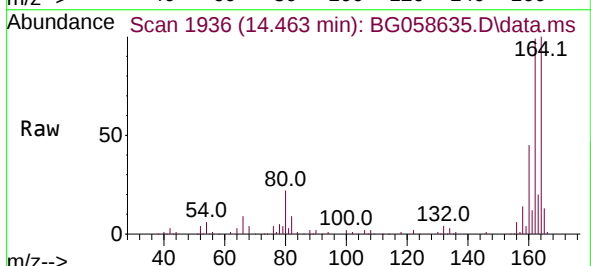
Instrument :
 BNA_G
 ClientSampleId :
 PB154669BL



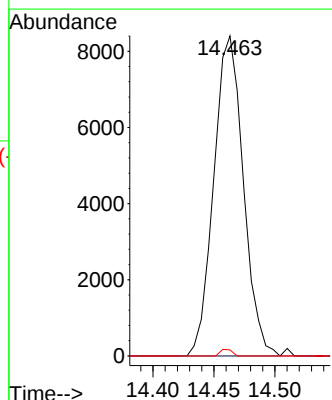
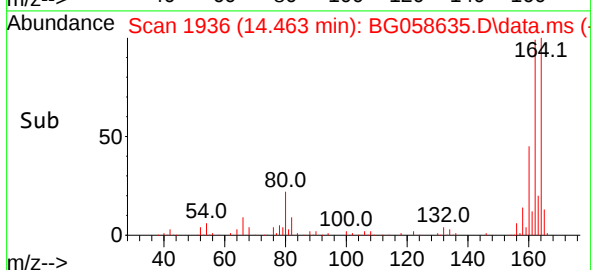
Tgt Ion:172 Resp: 696169
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.0 42.0
 170 23.4 18.4 27.6

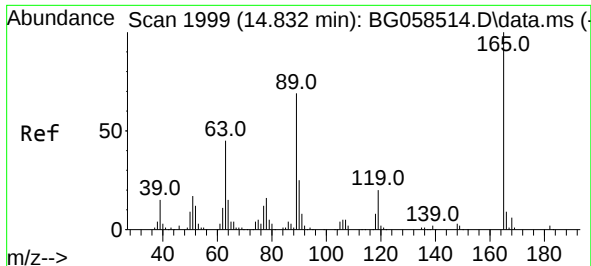


#51
 2,6-Dinitrotoluene
 Concen: 7.619 ng
 RT: 14.463 min Scan# 1936
 Delta R.T. 0.418 min
 Lab File: BG058635.D
 Acq: 8 Aug 2023 9:31



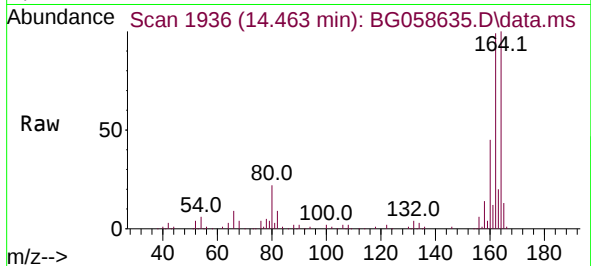
Tgt Ion:165 Resp: 14161
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.4 69.6#
 89 1.9 45.3 67.9#



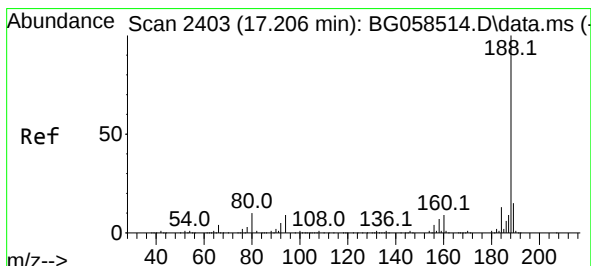
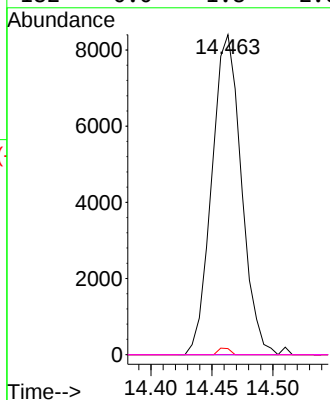
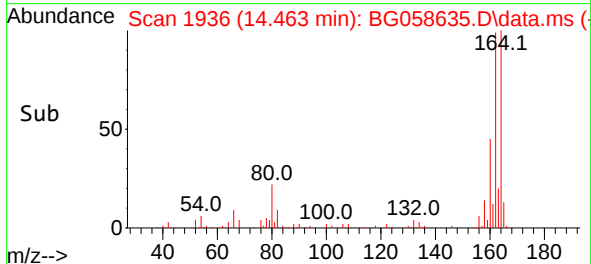


#57
2,4-Dinitrotoluene
Concen: 5.496 ng
RT: 14.463 min Scan# 1999
Delta R.T. -0.369 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

Instrument :
BNA_G
ClientSampleId :
PB154669BL

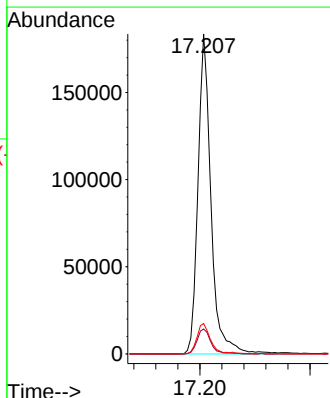
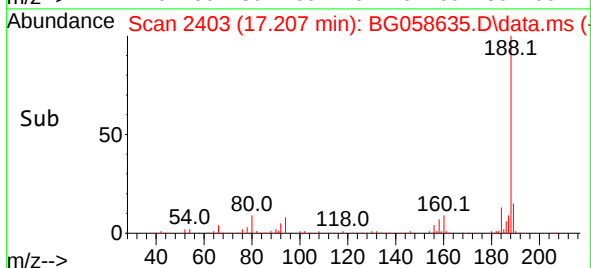
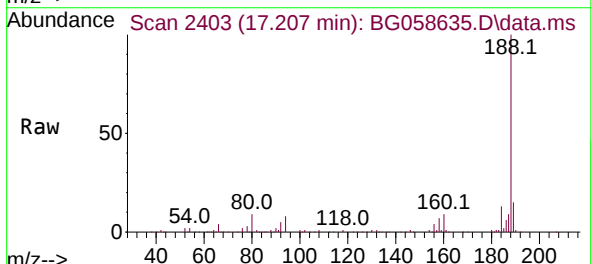


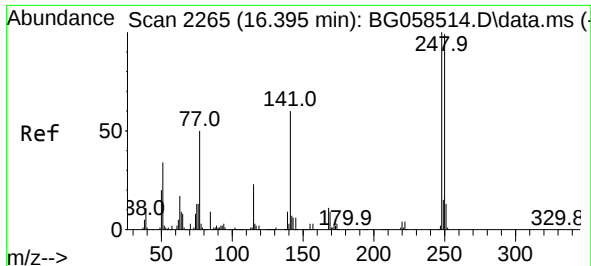
Tgt Ion:165	Resp:	14161
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.6 54.8#
89	1.9	55.4 83.0#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

Tgt Ion:188	Resp:	300164
Ion Ratio	Lower	Upper
188	100	
94	7.8	7.0 10.6
80	9.5	8.1 12.1

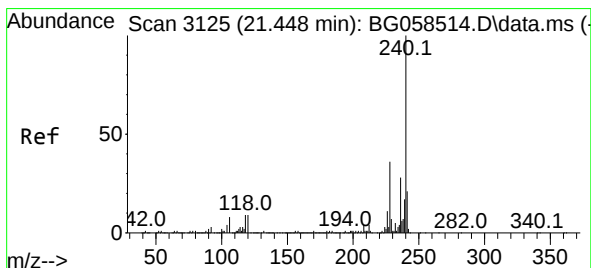
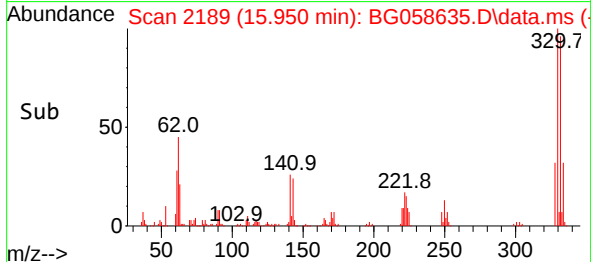
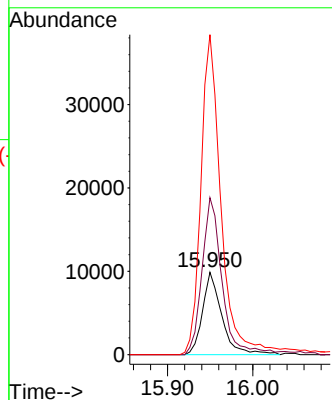
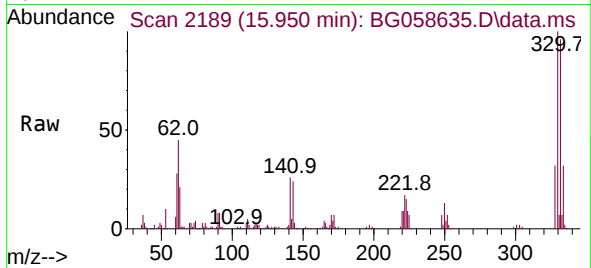




#67
4-Bromophenyl-phenylether
Concen: 4.565 ng
RT: 15.950 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

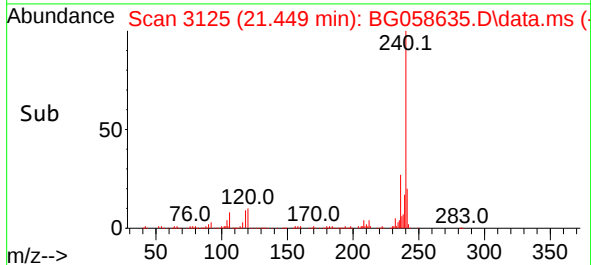
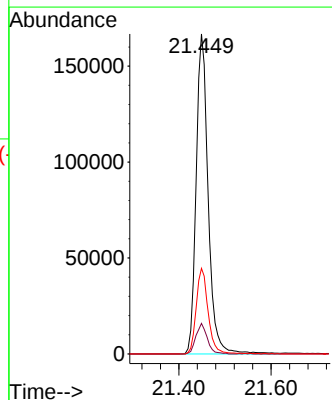
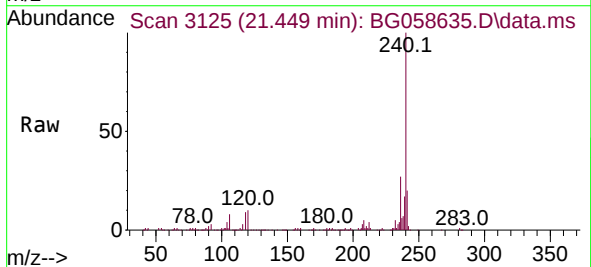
Instrument :
BNA_G
ClientSampleId :
PB154669BL

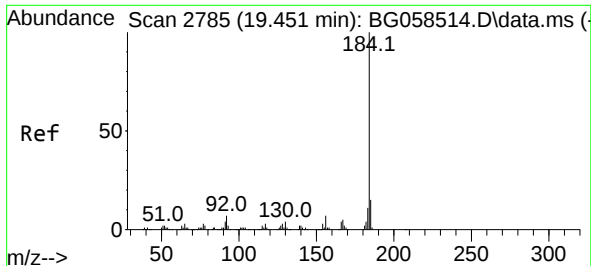
Tgt Ion:248 Resp: 15541
Ion Ratio Lower Upper
248 100
250 190.4 79.5 119.3#
141 388.3 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

Tgt Ion:240 Resp: 300376
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.7 22.2 33.4

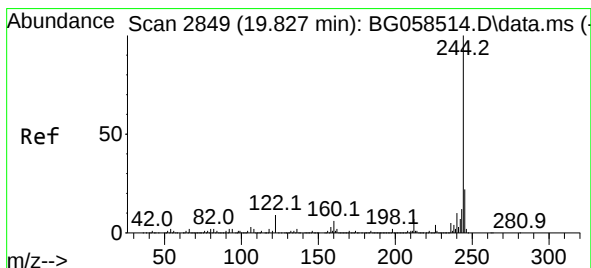
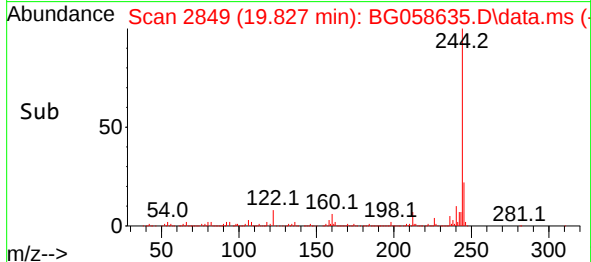
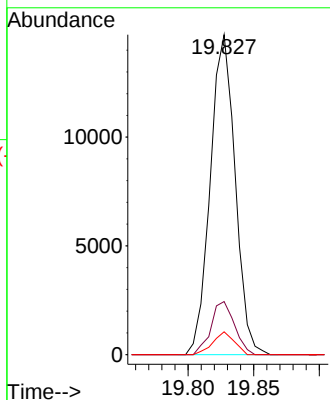
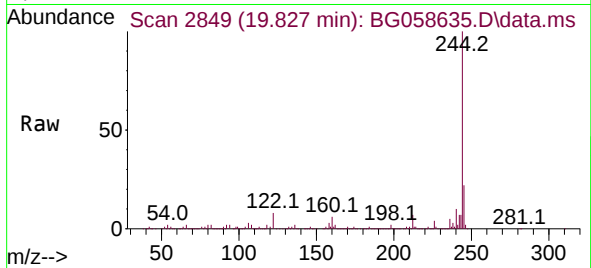




#77
Benzidine
Concen: 4.267 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

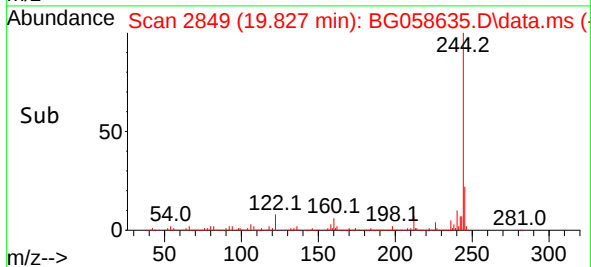
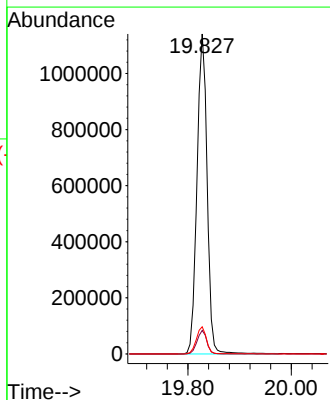
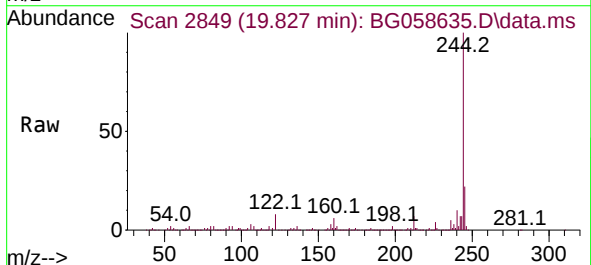
Instrument :
BNA_G
ClientSampleId :
PB154669BL

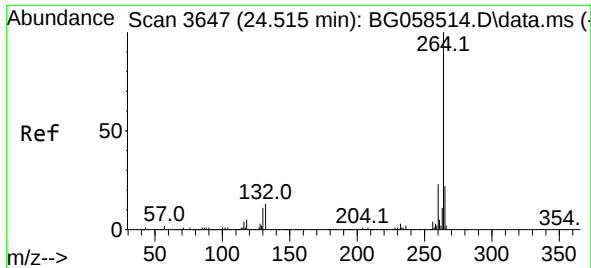
Tgt Ion:184 Resp: 19435
Ion Ratio Lower Upper
184 100
185 16.6 11.9 17.9
183 7.1 8.7 13.1#



#79
Terphenyl-d14
Concen: 97.060 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

Tgt Ion:244 Resp: 1550338
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.5 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 3648
Delta R.T. 0.007 min
Lab File: BG058635.D
Acq: 8 Aug 2023 9:31

Instrument :
BNA_G
ClientSampleId :
PB154669BL

Tgt Ion:264 Resp: 363822
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 21.0 17.9 26.9

