

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058519.D
 Acq On : 28 Jul 2023 15:32
 Operator : MA/JU
 Sample : PB154028BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154316BL

Quant Time: Jul 28 22:53:26 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)

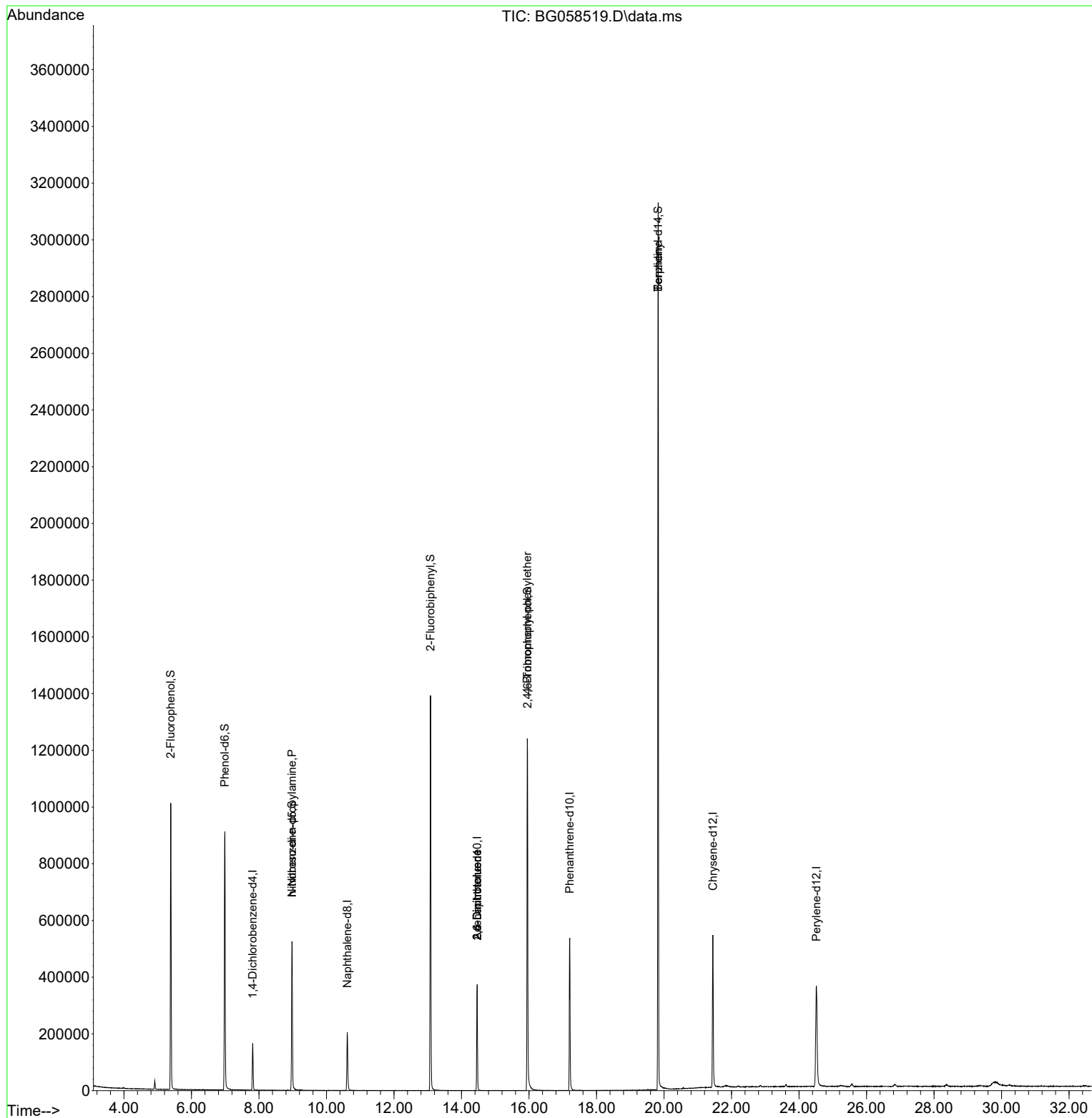
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	47129	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	191122	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	137133	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	381186	20.000	ng	0.00
76) Chrysene-d12	21.448	240	350063	20.000	ng	0.00
86) Perylene-d12	24.515	264	432694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	425667	138.050	ng	0.00
7) Phenol-d6	6.989	99	561237	130.808	ng	0.00
23) Nitrobenzene-d5	8.974	82	342112	87.935	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	307170	136.659	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	803184	87.772	ng	0.00
79) Terphenyl-d14	19.826	244	1664453	89.414	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.974	70	42947	15.497	ng	# 79
51) 2,6-Dinitrotoluene	14.462	165	18195	8.052	ng	# 23
57) 2,4-Dinitrotoluene	14.462	165	18195	5.808	ng	# 24
67) 4-Bromophenyl-phenylether	15.949	248	18846	4.359	ng	# 1
77) Benzidine	19.826	184	20794	3.917	ng	# 94

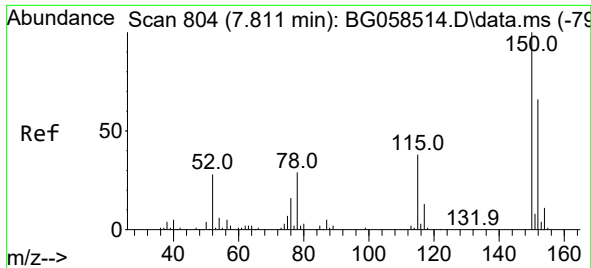
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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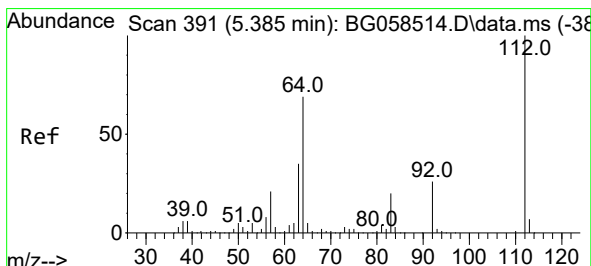
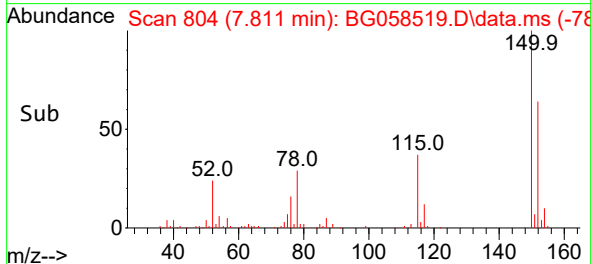
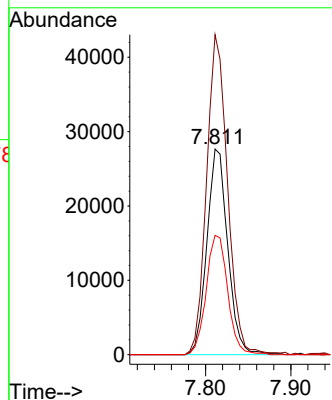
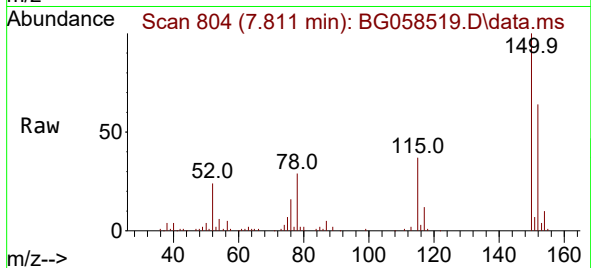




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

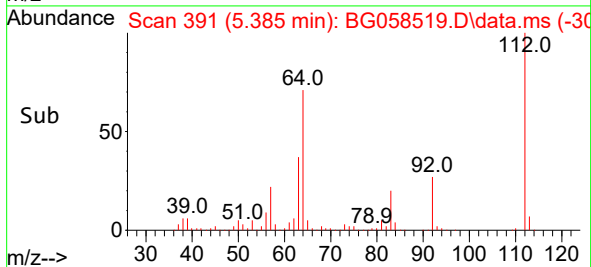
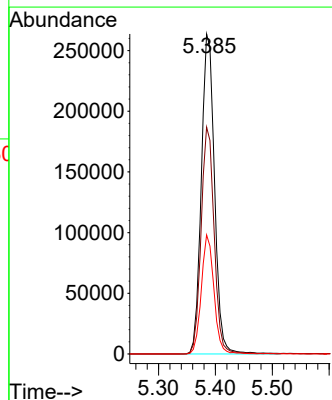
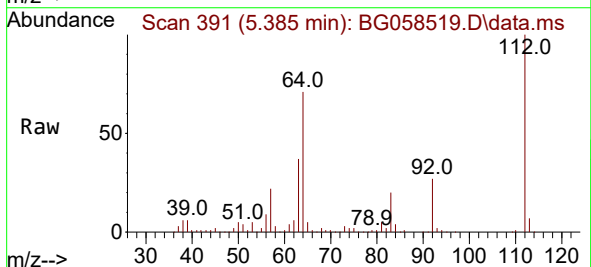
Instrument :
BNA_G
ClientSampleId :
PB154316BL

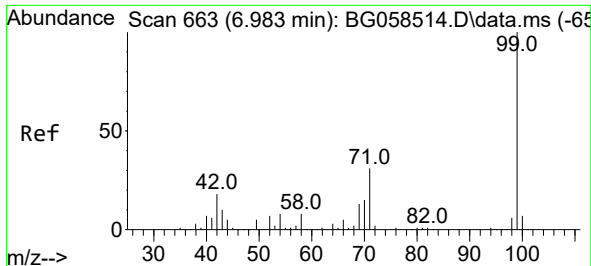
Tgt Ion:152 Resp: 47129
Ion Ratio Lower Upper
152 100
150 155.6 120.5 180.7
115 58.1 45.9 68.9



#5
2-Fluorophenol
Concen: 138.050 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

Tgt Ion:112 Resp: 425667
Ion Ratio Lower Upper
112 100
64 70.9 55.3 82.9
63 37.2 28.3 42.5

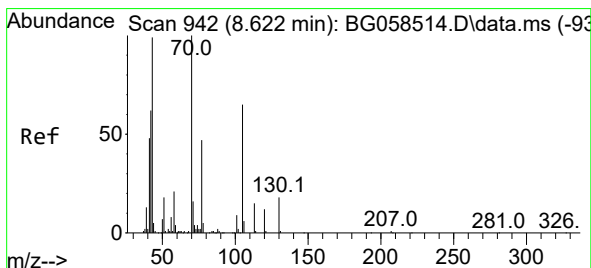
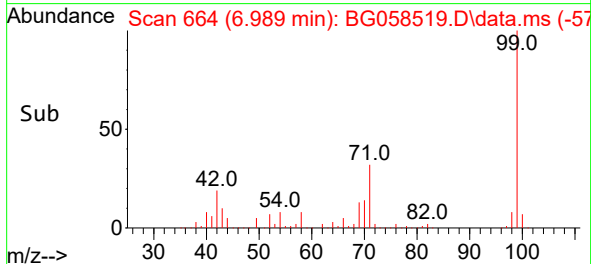
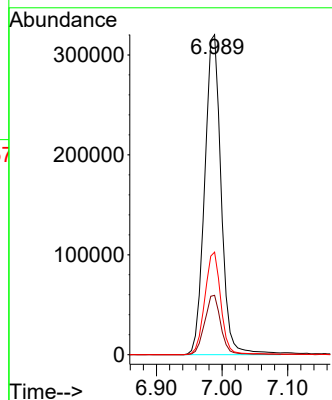
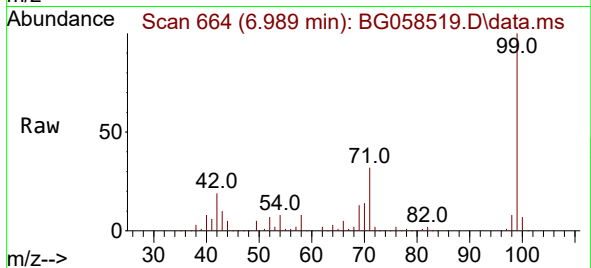




#7
Phenol-d6
Concen: 130.808 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

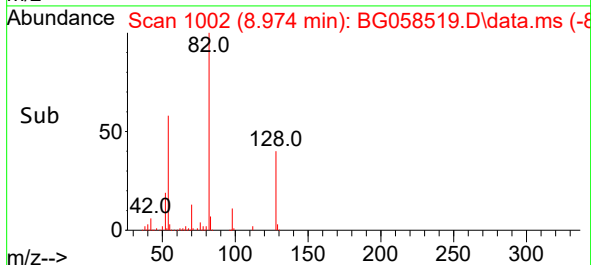
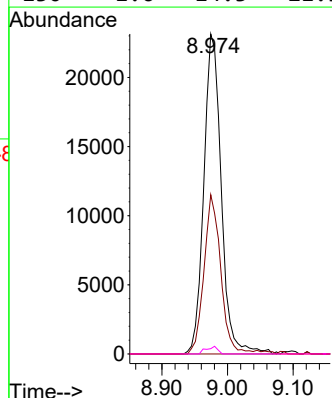
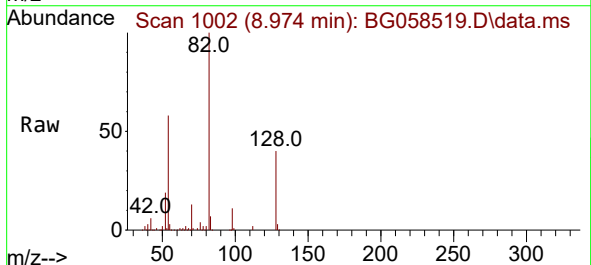
Instrument :
BNA_G
ClientSampleId :
PB154316BL

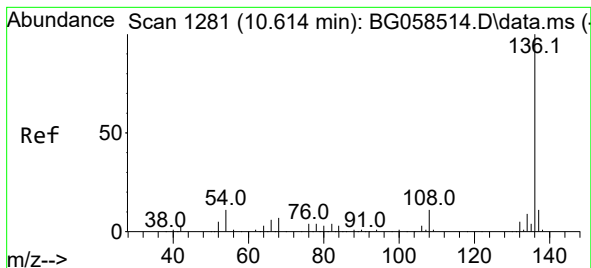
Tgt Ion: 99 Resp: 561237
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 32.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.497 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.352 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

Tgt Ion: 70 Resp: 42947
Ion Ratio Lower Upper
70 100
42 49.7 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: 10.614 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG058519.D

Acq: 28 Jul 2023 15:32

Instrument :

BNA_G

ClientSampleId :

PB154316BL

Tgt Ion:136 Resp: 191122

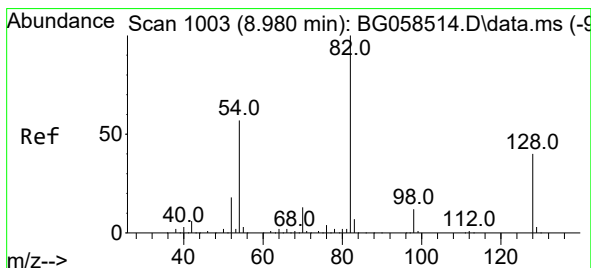
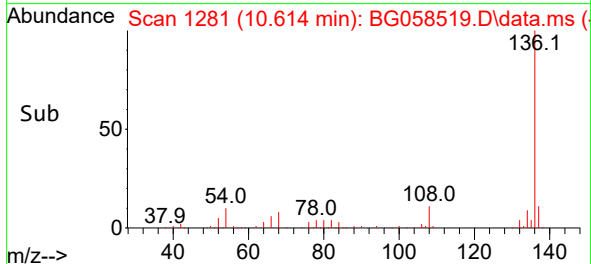
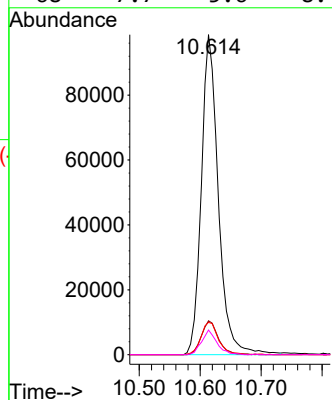
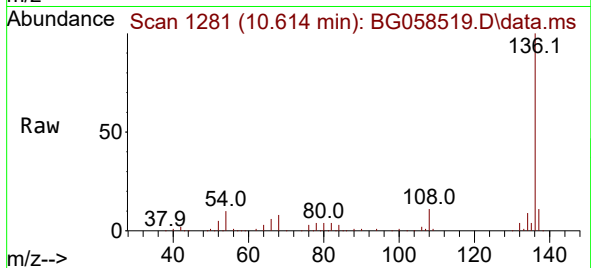
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 10.1 8.9 13.3

68 7.7 5.6 8.4



#23

Nitrobenzene-d5

Concen: 87.935 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058519.D

Acq: 28 Jul 2023 15:32

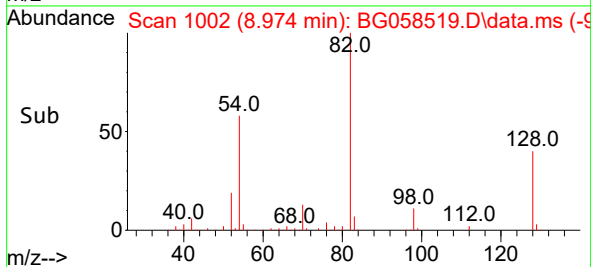
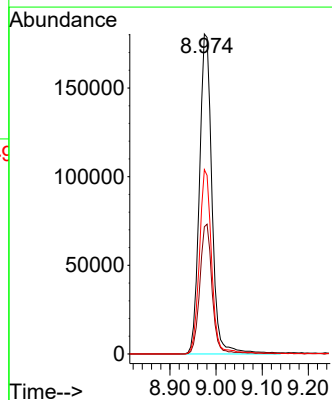
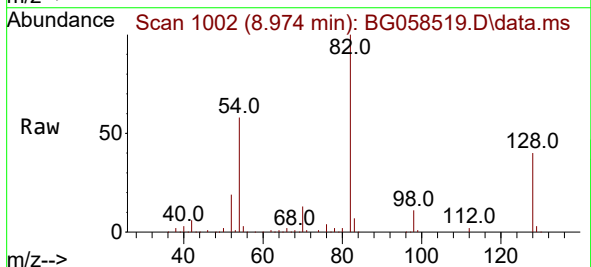
Tgt Ion: 82 Resp: 342112

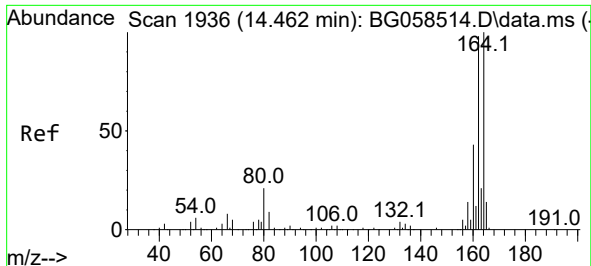
Ion Ratio Lower Upper

82 100

128 39.8 32.2 48.2

54 57.6 46.0 69.0

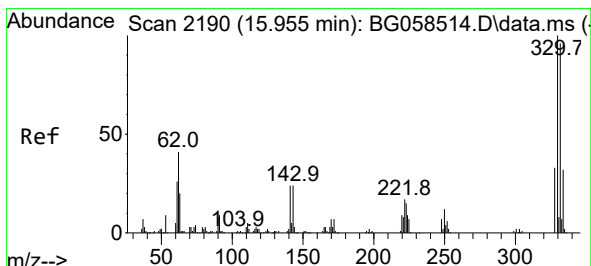
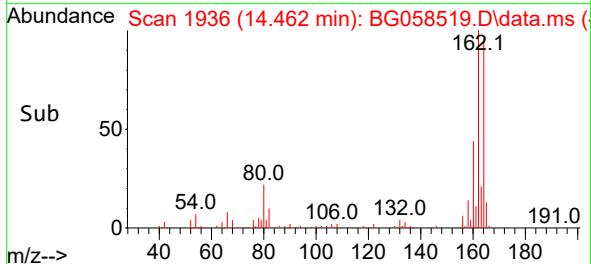
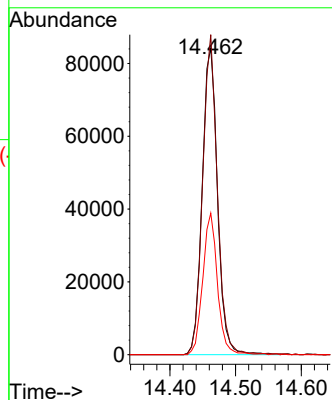
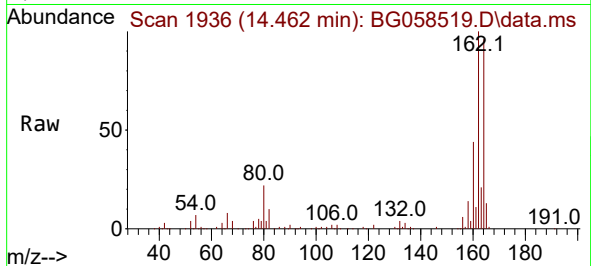




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

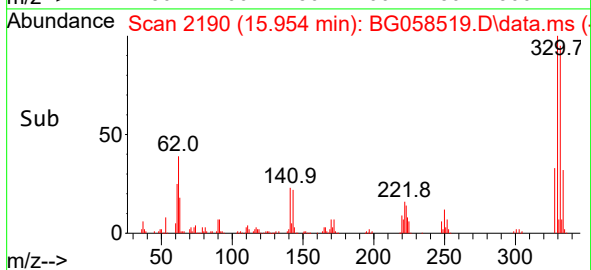
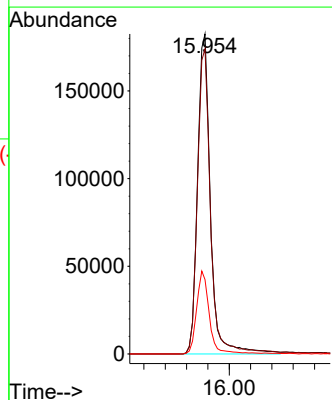
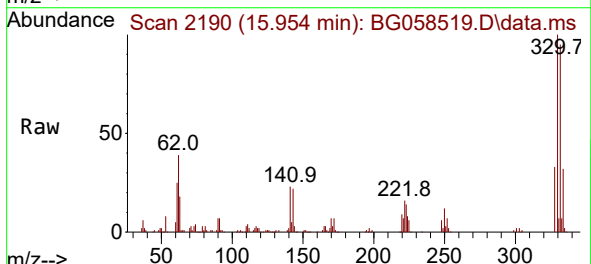
Instrument :
BNA_G
ClientSampleId :
PB154316BL

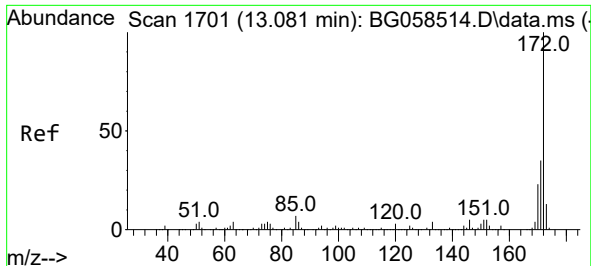
Tgt Ion:164 Resp: 137133
Ion Ratio Lower Upper
164 100
162 104.3 78.3 117.5
160 46.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 136.659 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

Tgt Ion:330 Resp: 307170
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 25.4 20.7 31.1

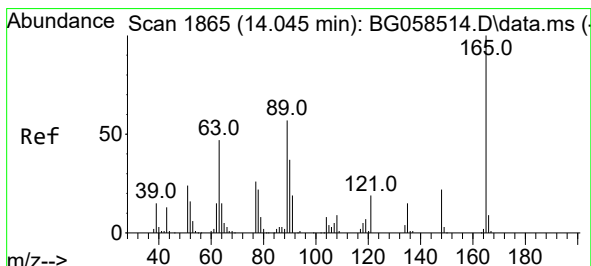
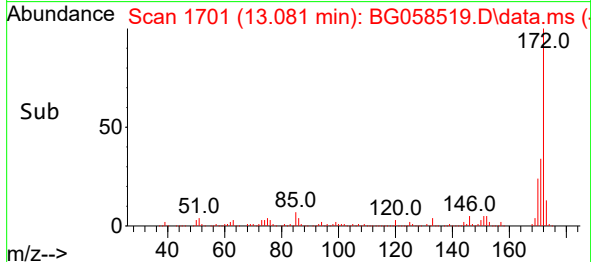
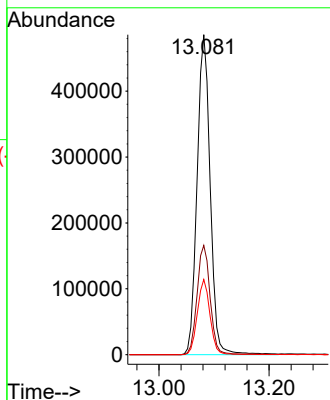
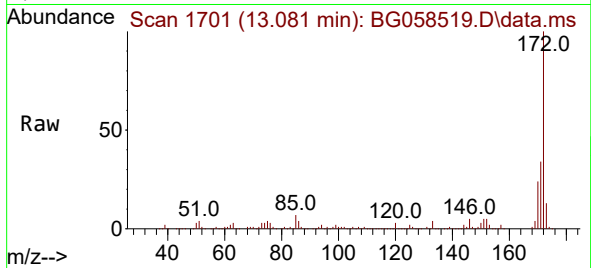




#45
2-Fluorobiphenyl
Concen: 87.772 ng
RT: 13.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

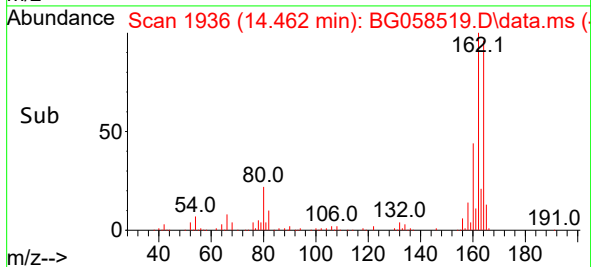
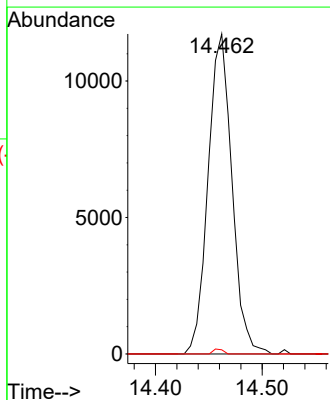
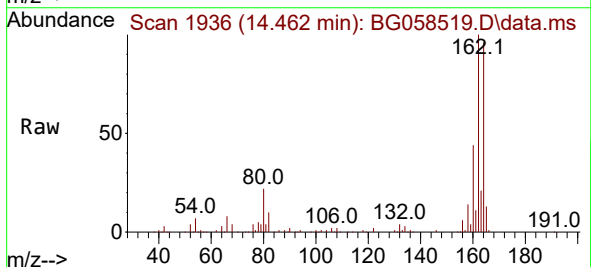
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ClientSampleId :
PB154316BL

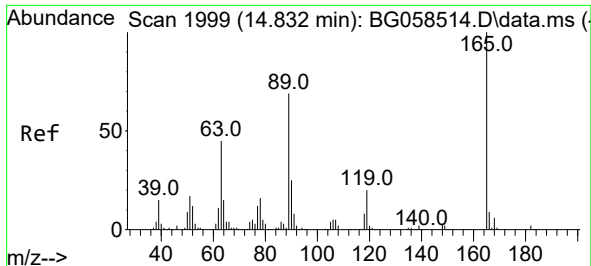
Tgt Ion:172 Resp: 803184
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.5 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.052 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

Tgt Ion:165 Resp: 18195
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.3 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.808 ng

RT: 14.462 min Scan# 1999

Delta R.T. -0.370 min

Lab File: BG058519.D

Acq: 28 Jul 2023 15:32

Instrument :

BNA_G

ClientSampleId :

PB154316BL

Tgt Ion:165 Resp: 18195

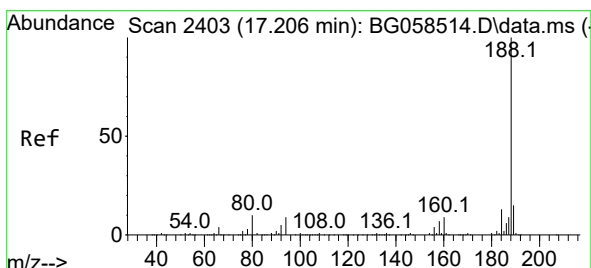
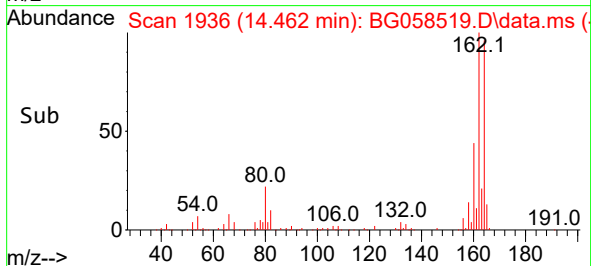
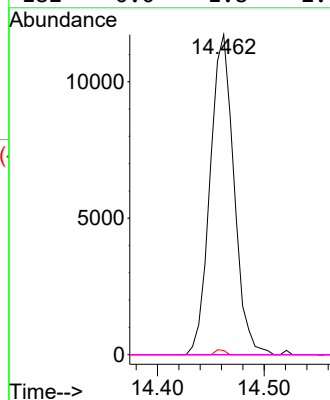
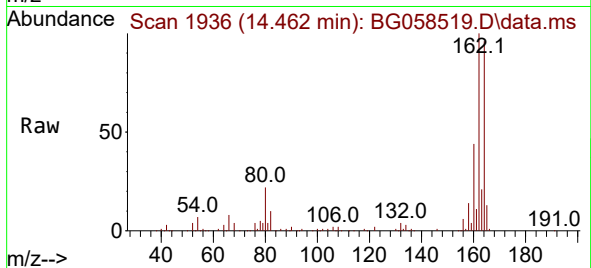
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 1.3 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: BG058519.D

Acq: 28 Jul 2023 15:32

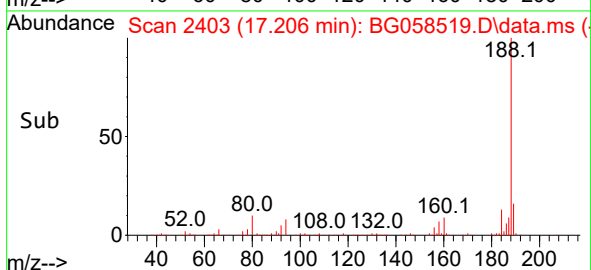
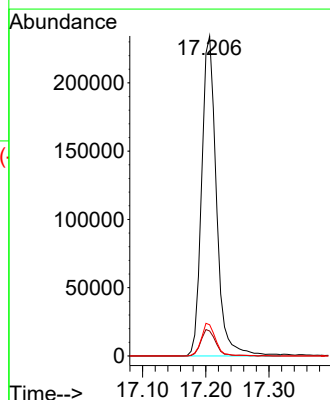
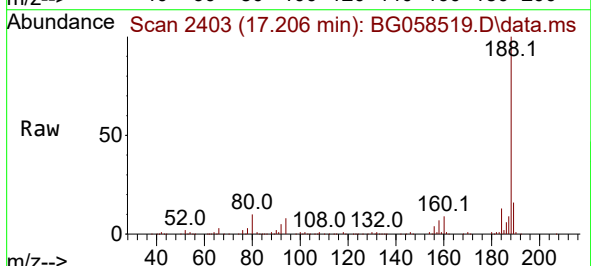
Tgt Ion:188 Resp: 381186

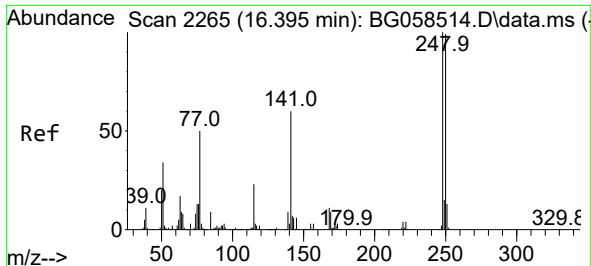
Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

80 9.7 8.1 12.1

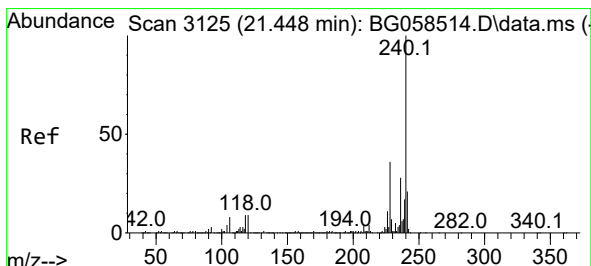
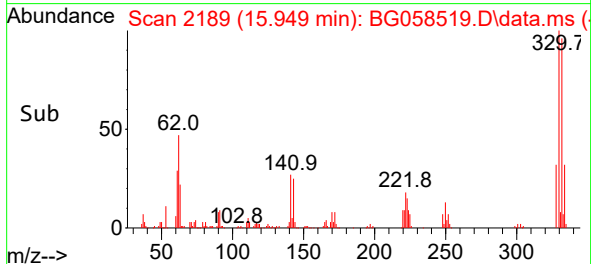
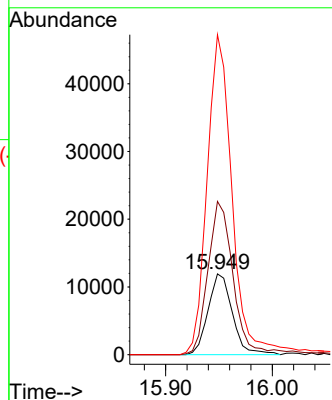
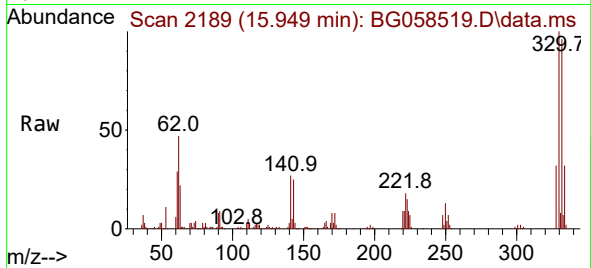




#67
4-Bromophenyl-phenylether
Concen: 4.359 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.447 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

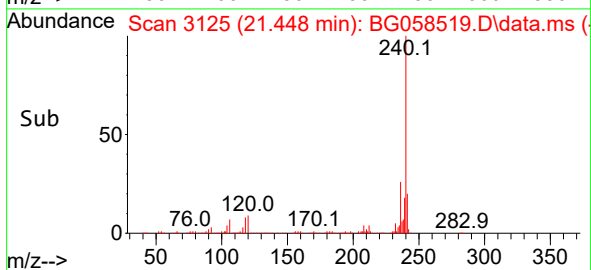
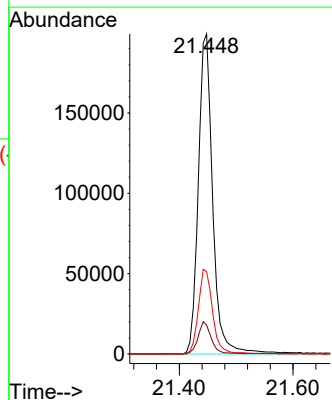
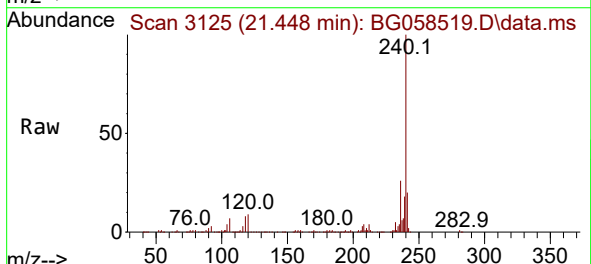
Instrument :
BNA_G
ClientSampleId :
PB154316BL

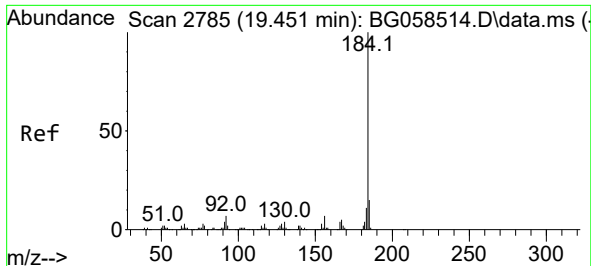
Tgt Ion:248 Resp: 18846
Ion Ratio Lower Upper
248 100
250 189.9 79.5 119.3#
141 396.2 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

Tgt Ion:240 Resp: 350063
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 25.7 22.2 33.4

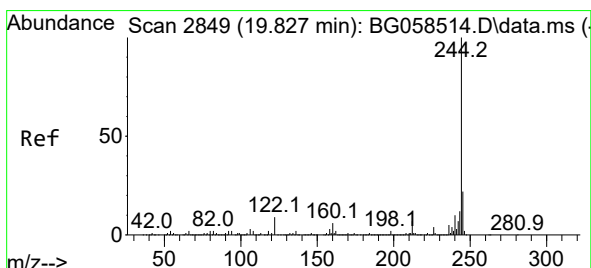
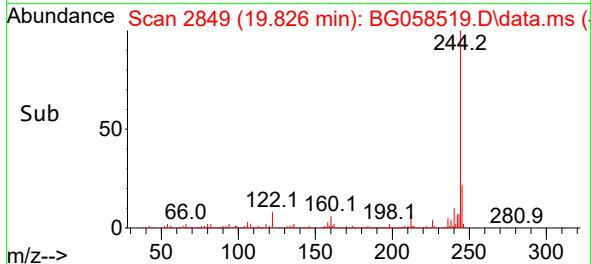
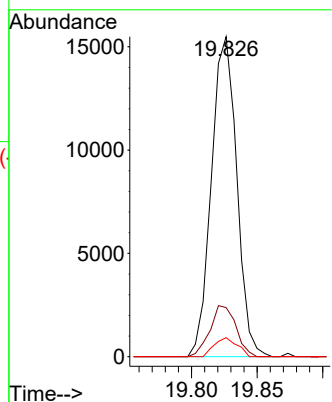
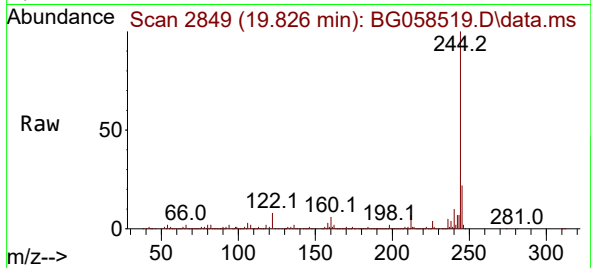




#77
Benzidine
Concen: 3.917 ng
RT: 19.826 min Scan# 2849
Delta R.T. 0.376 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

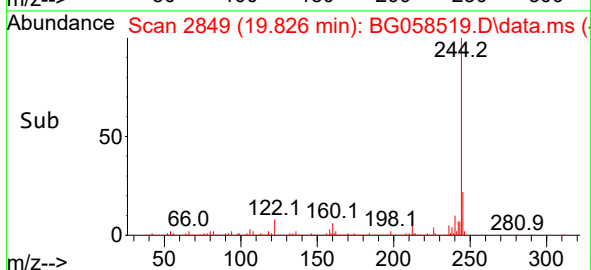
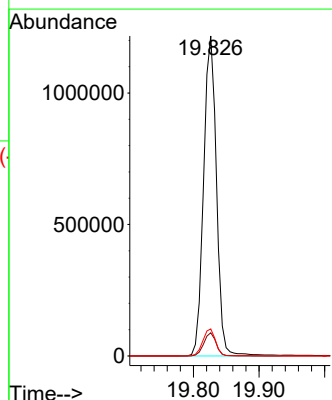
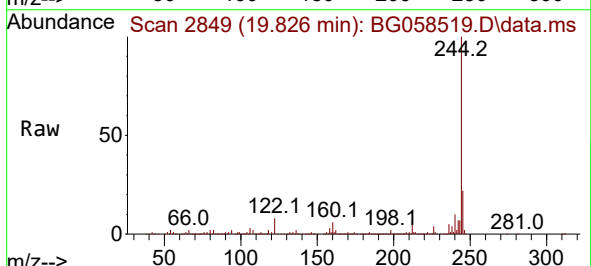
Instrument :
BNA_G
ClientSampleId :
PB154316BL

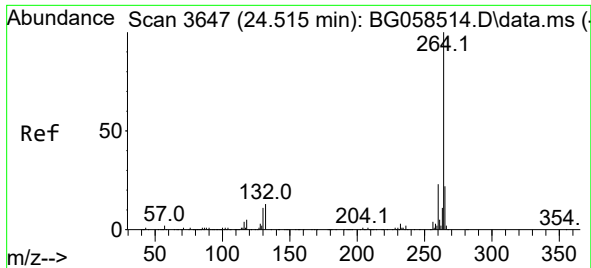
Tgt Ion:184 Resp: 20794
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 5.9 8.7 13.1#



#79
Terphenyl-d14
Concen: 89.414 ng
RT: 19.826 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BG058519.D
Acq: 28 Jul 2023 15:32

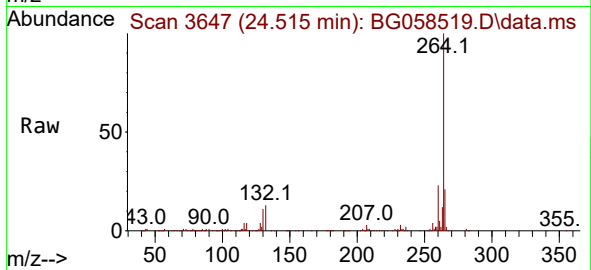
Tgt Ion:244 Resp: 1664453
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.4 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.515 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG058519.D
 Acq: 28 Jul 2023 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB154316BL



Tgt Ion:264 Resp: 432694
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 21.4 17.9 26.9

