

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058651.D
 Acq On : 9 Aug 2023 9:01
 Operator : MA/JU
 Sample : PB154669BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154669BL

Quant Time: Aug 09 12:19:35 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)

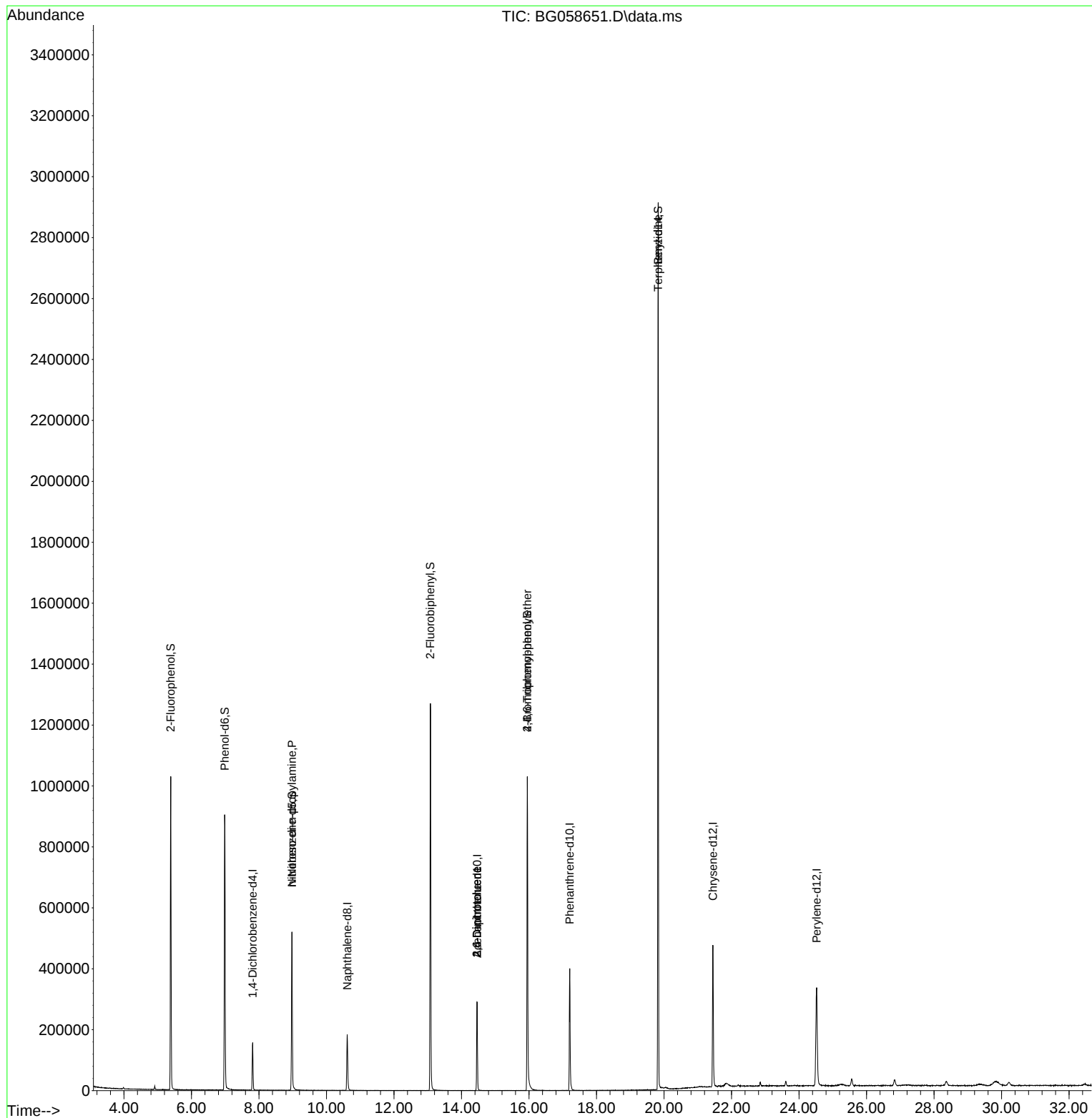
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	43985	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	175183	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	117203	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	299251	20.000	ng	0.00
76) Chrysene-d12	21.448	240	303659	20.000	ng	0.00
86) Perylene-d12	24.521	264	373468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	417940	145.232	ng	0.00
7) Phenol-d6	6.983	99	550211	137.404	ng	0.00
23) Nitrobenzene-d5	8.975	82	329522	92.405	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	247483	128.828	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	741742	94.841	ng	0.00
79) Terphenyl-d14	19.827	244	1540441	95.398	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	40077	15.495	ng	# 83
51) 2,6-Dinitrotoluene	14.456	165	14997	7.765	ng	# 22
57) 2,4-Dinitrotoluene	14.456	165	14997	5.601	ng	# 23
67) 4-Bromophenyl-phenylether	15.949	248	15191	4.476	ng	# 1
77) Benzidine	19.821	184	18989	4.124	ng	# 91

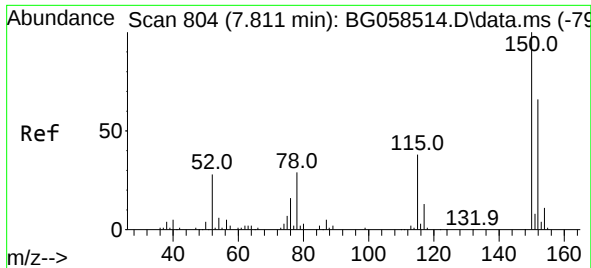
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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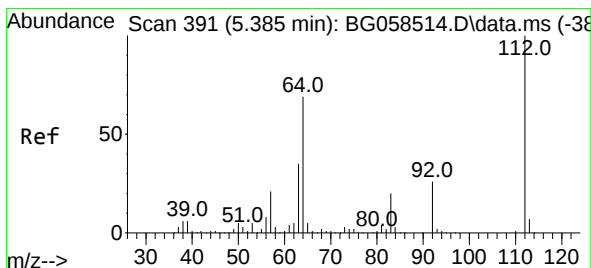
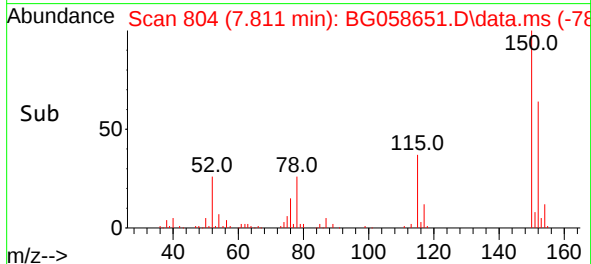
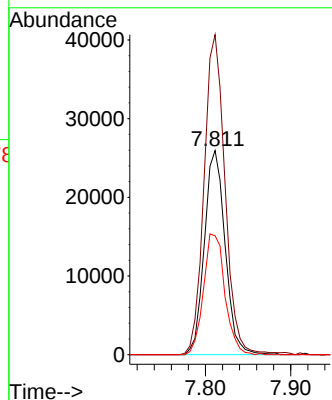
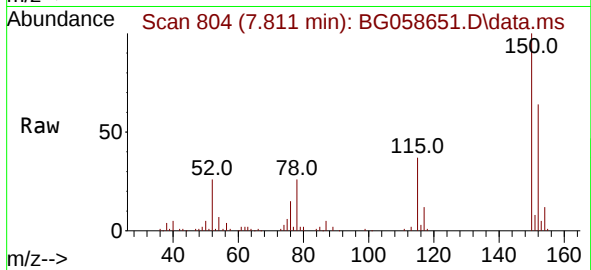




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

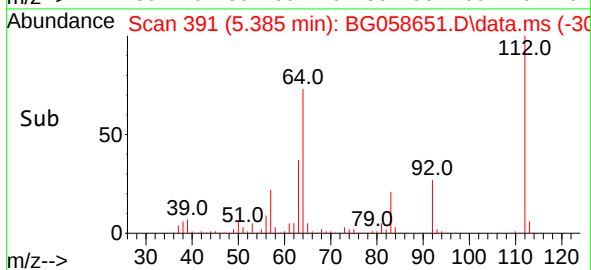
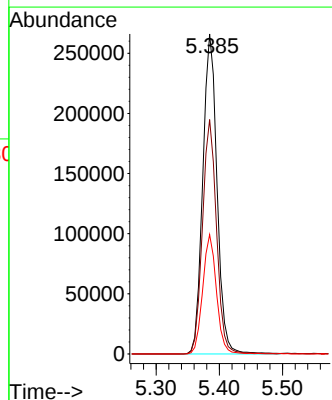
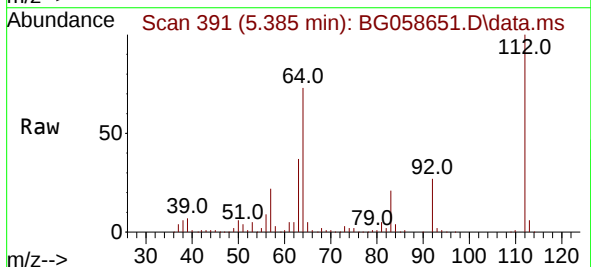
Instrument :
BNA_G
ClientSampleId :
PB154669BL

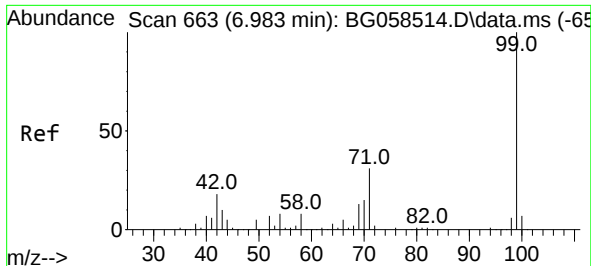
Tgt Ion:152 Resp: 43985
Ion Ratio Lower Upper
152 100
150 156.8 120.5 180.7
115 58.3 45.9 68.9



#5
2-Fluorophenol
Concen: 145.232 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

Tgt Ion:112 Resp: 417940
Ion Ratio Lower Upper
112 100
64 73.2 55.3 82.9
63 37.3 28.3 42.5

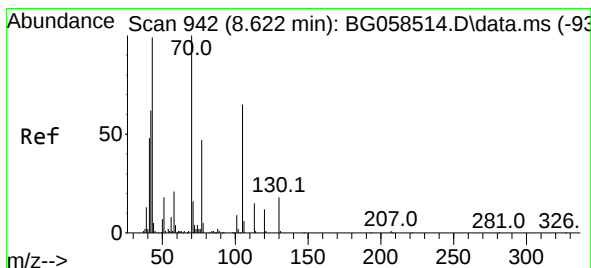
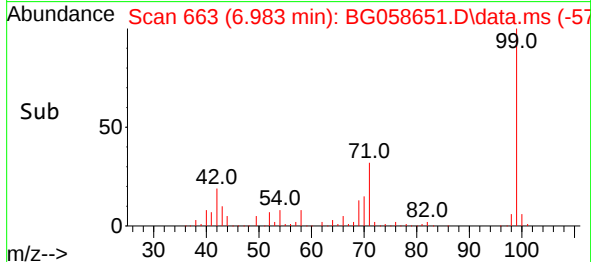
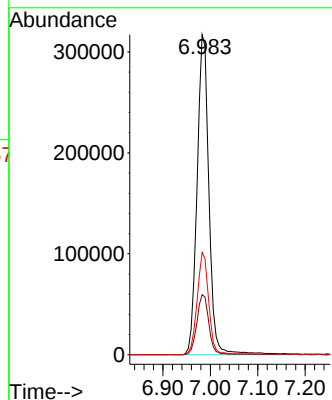
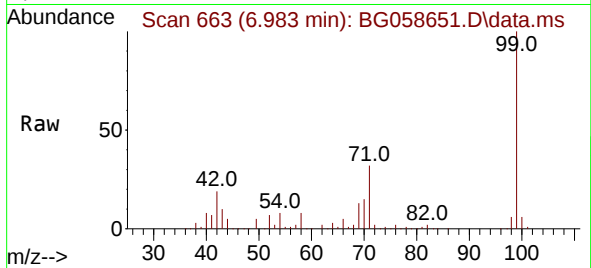




#7
Phenol-d6
Concen: 137.404 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

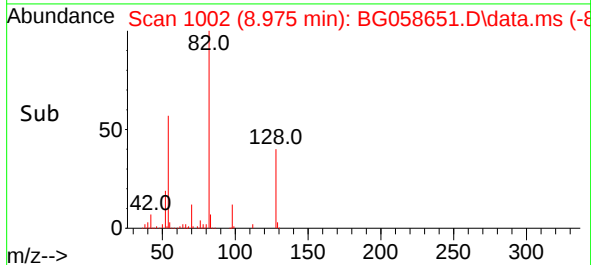
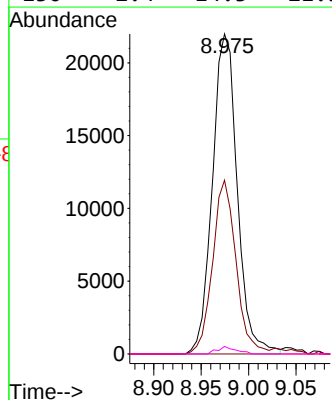
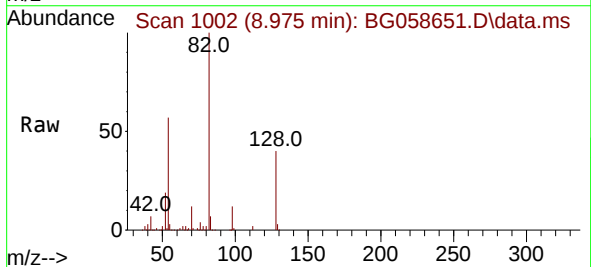
Instrument :
BNA_G
ClientSampleId :
PB154669BL

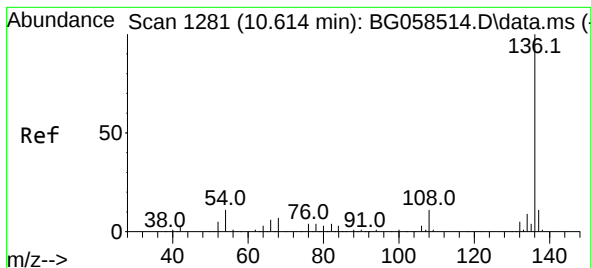
Tgt Ion: 99 Resp: 550211
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 32.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.495 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

Tgt Ion: 70 Resp: 40077
Ion Ratio Lower Upper
70 100
42 54.3 49.7 74.5
101 0.0 7.0 10.4#
130 2.4 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.614 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BG058651.D

Acq: 9 Aug 2023 9:01

Instrument :

BNA_G

ClientSampleId :

PB154669BL

Tgt Ion:136 Resp: 175183

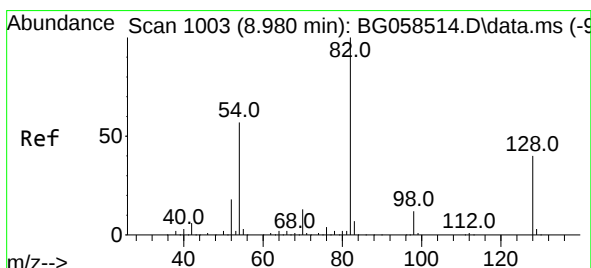
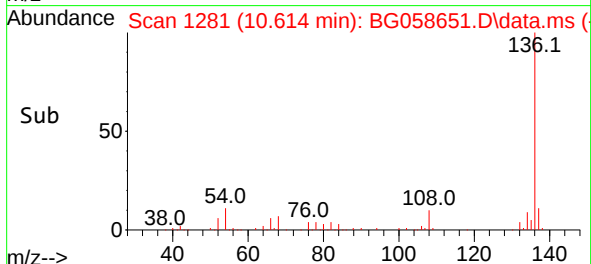
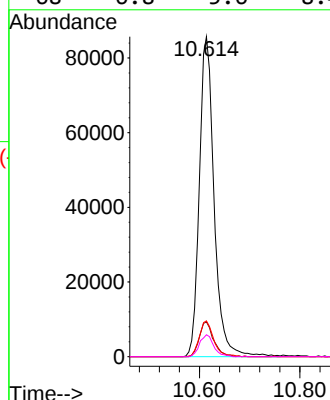
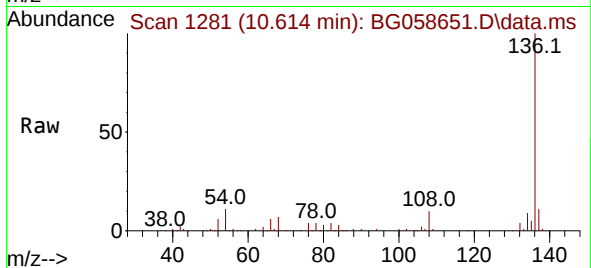
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 11.2 8.9 13.3

68 6.8 5.6 8.4



#23

Nitrobenzene-d5

Concen: 92.405 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058651.D

Acq: 9 Aug 2023 9:01

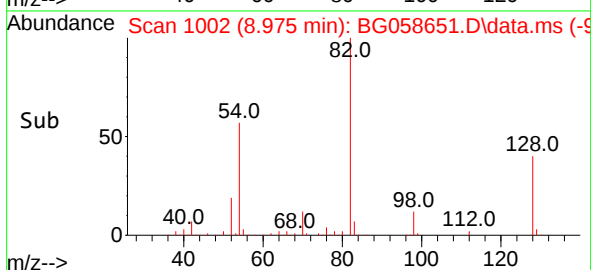
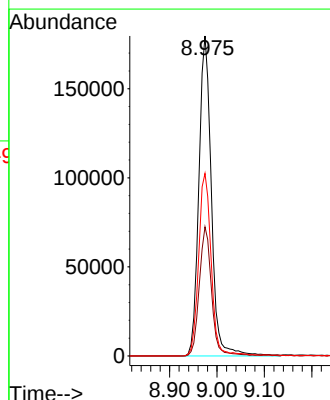
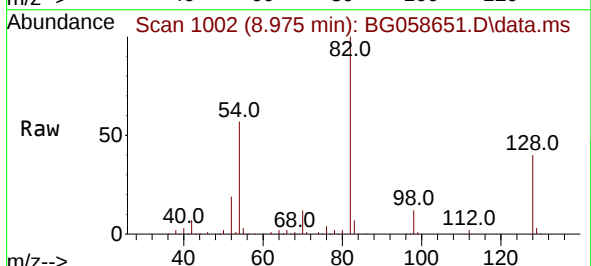
Tgt Ion: 82 Resp: 329522

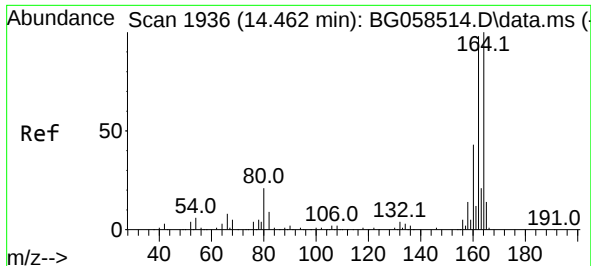
Ion Ratio Lower Upper

82 100

128 40.4 32.2 48.2

54 57.1 46.0 69.0

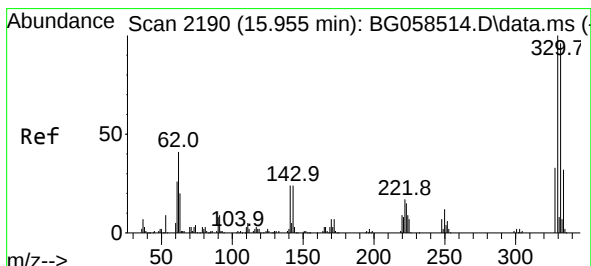
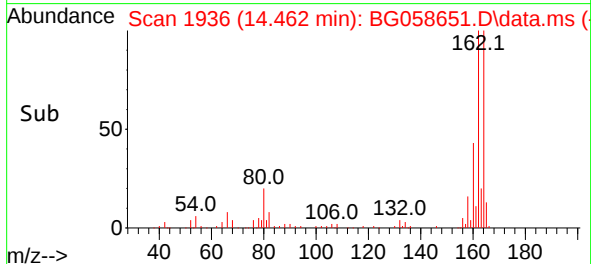
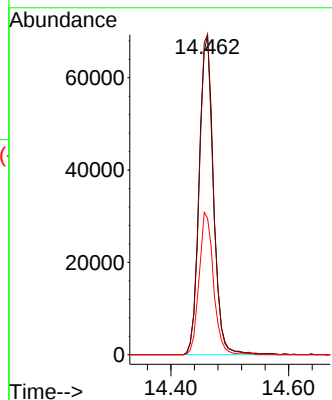
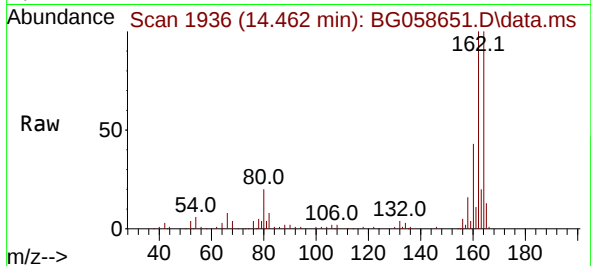




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

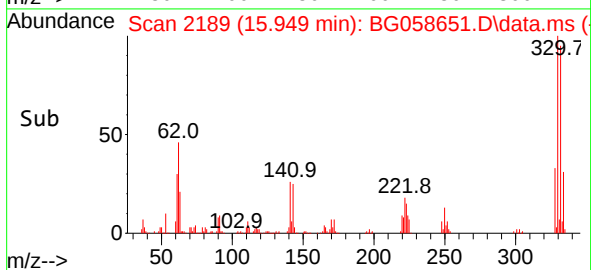
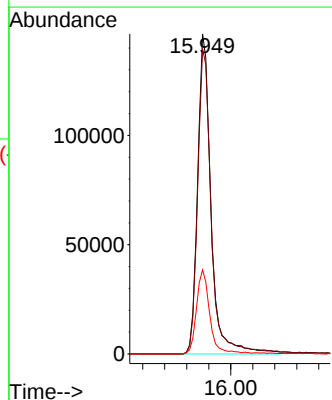
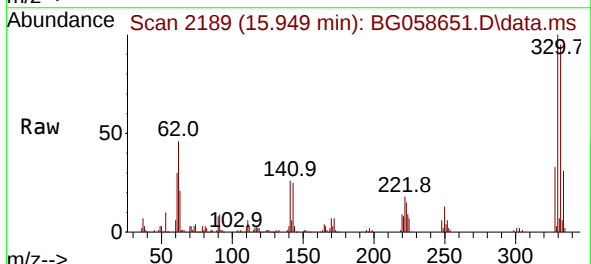
Instrument :
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ClientSampleId :
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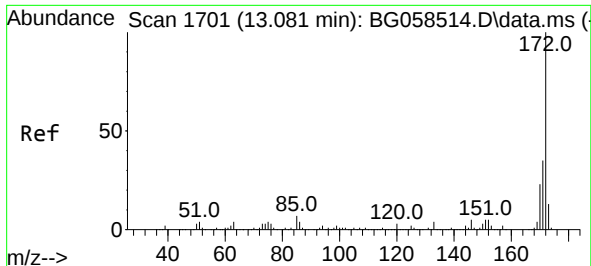
Tgt Ion:164 Resp: 117203
Ion Ratio Lower Upper
164 100
162 100.1 78.3 117.5
160 42.7 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 128.828 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

Tgt Ion:330 Resp: 247483
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 26.0 20.7 31.1

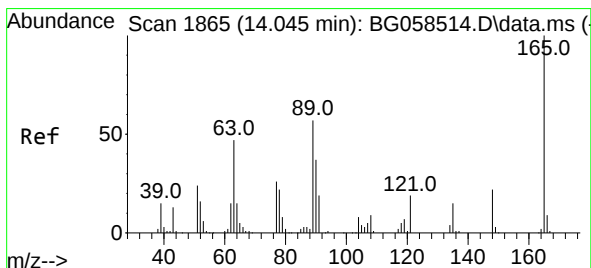
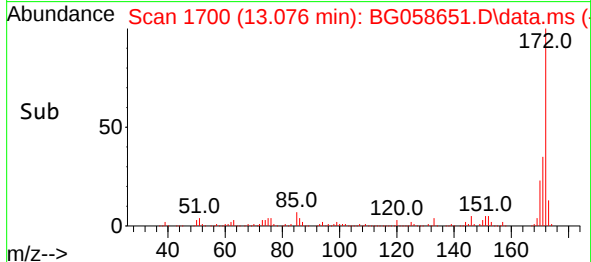
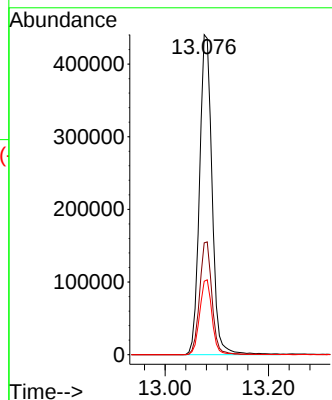
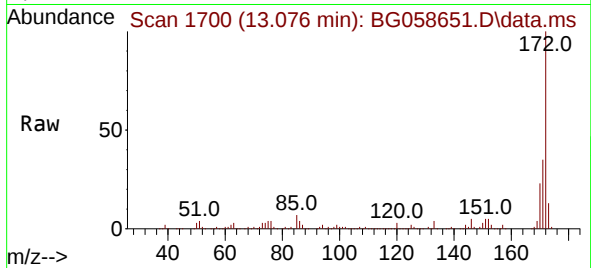




#45
2-Fluorobiphenyl
Concen: 94.841 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

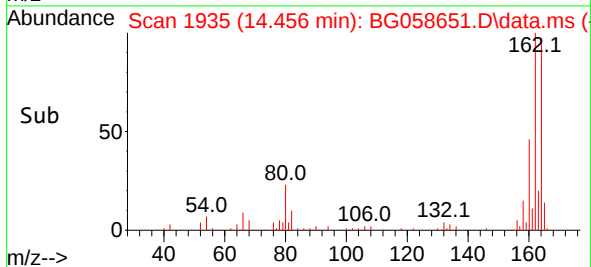
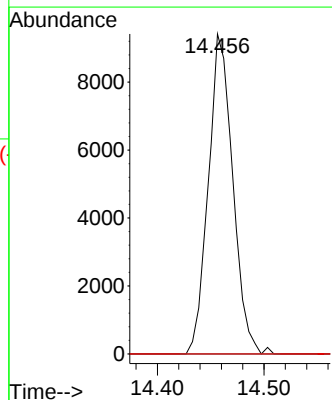
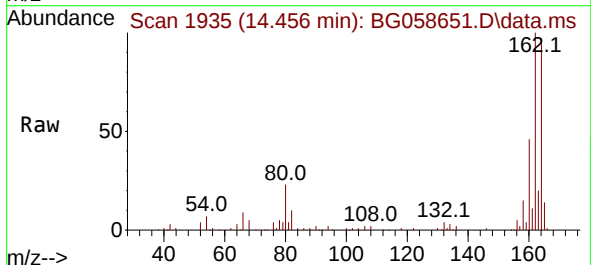
Instrument :
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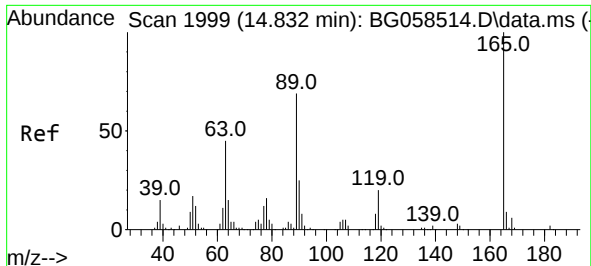
Tgt Ion:172 Resp: 741742
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 22.9 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.765 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

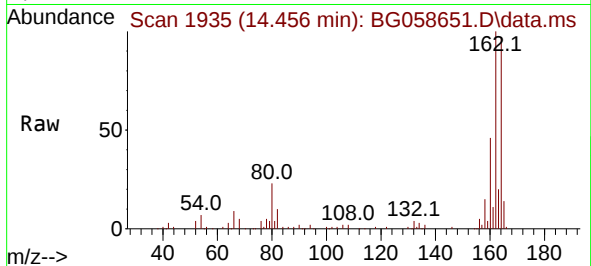
Tgt Ion:165 Resp: 14997
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#



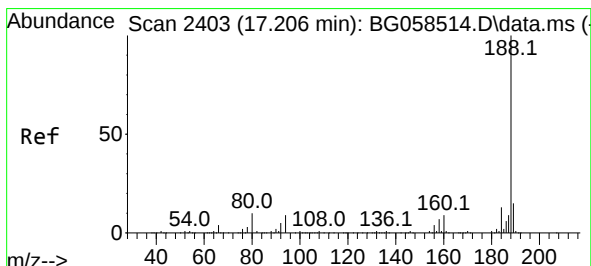
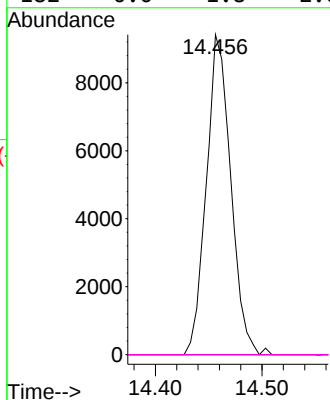
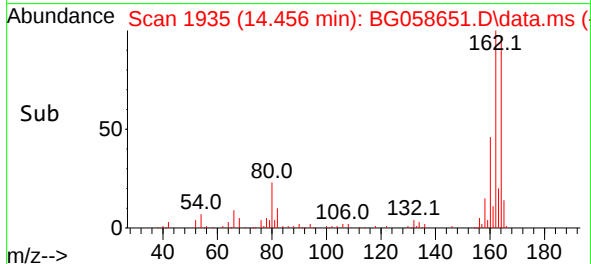


#57
2,4-Dinitrotoluene
Concen: 5.601 ng
RT: 14.456 min Scan# 1999
Delta R.T. -0.376 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

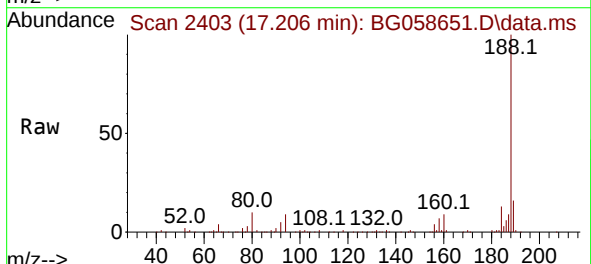
Instrument :
BNA_G
ClientSampleId :
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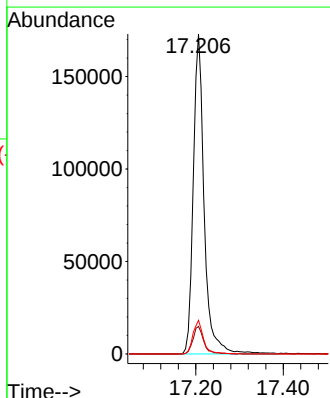
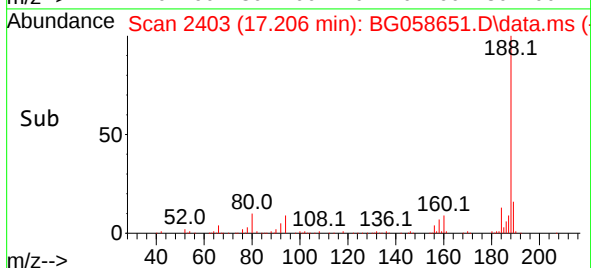
Tgt Ion:165 Resp: 14997
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#

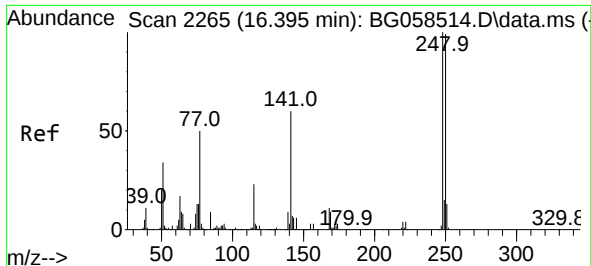


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01



Tgt Ion:188 Resp: 299251
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 10.5 8.1 12.1

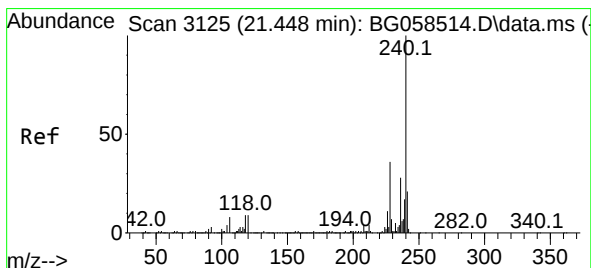
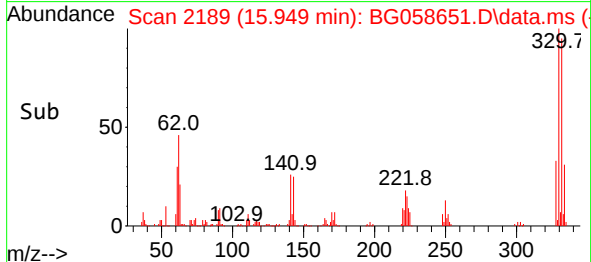
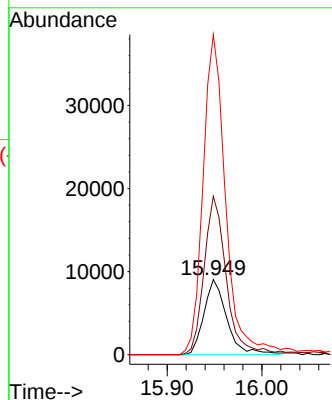
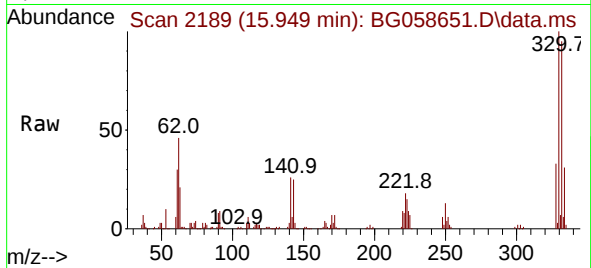




#67
4-Bromophenyl-phenylether
Concen: 4.476 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.447 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

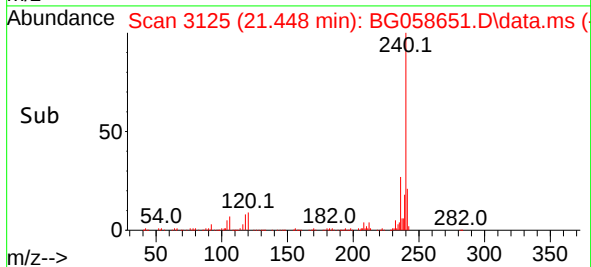
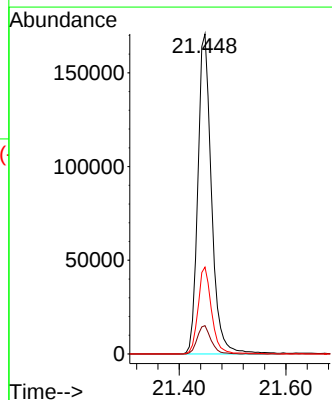
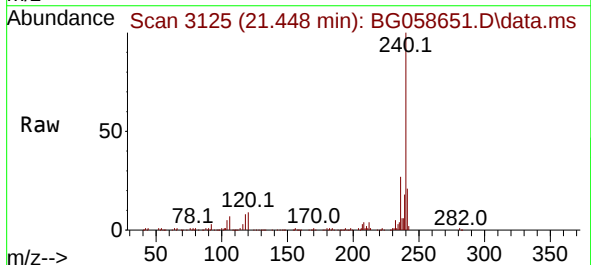
Instrument :
BNA_G
ClientSampleId :
PB154669BL

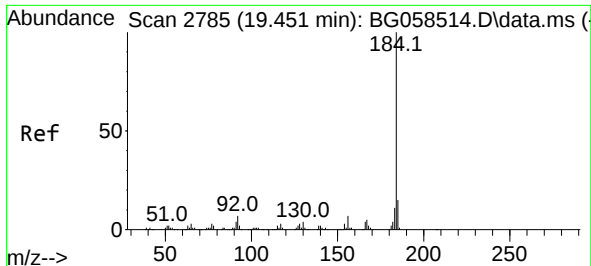
Tgt Ion:248 Resp: 15191
Ion Ratio Lower Upper
248 100
250 211.2 79.5 119.3#
141 426.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

Tgt Ion:240 Resp: 303659
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 27.1 22.2 33.4

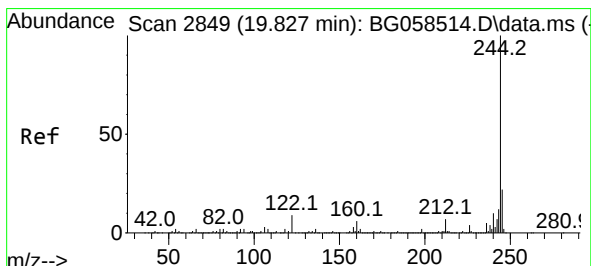
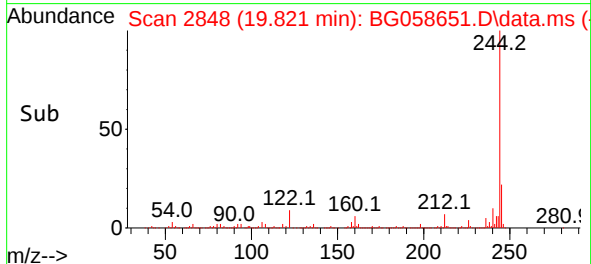
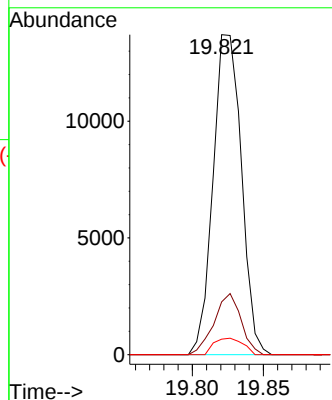
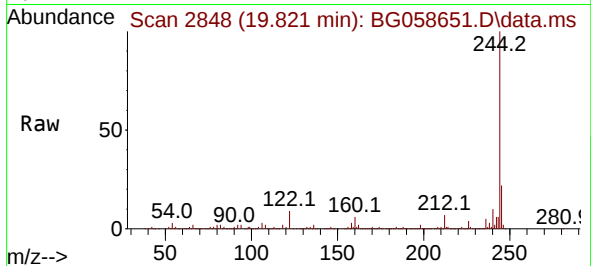




#77
Benzidine
Concen: 4.124 ng
RT: 19.821 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

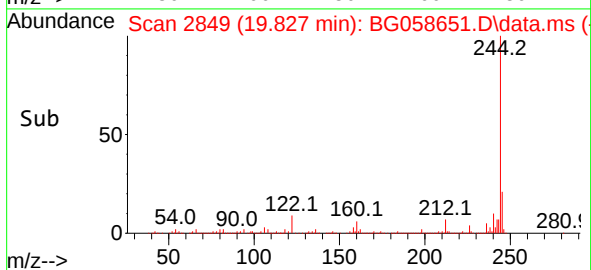
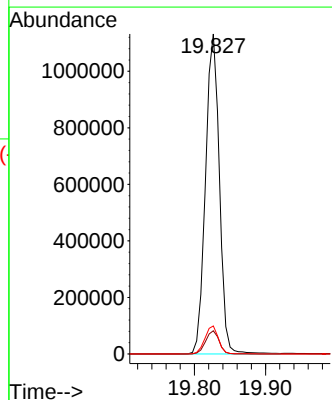
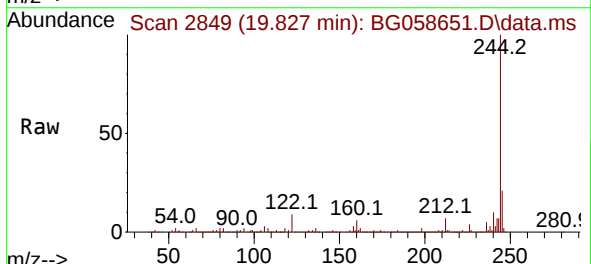
Instrument :
BNA_G
ClientSampleId :
PB154669BL

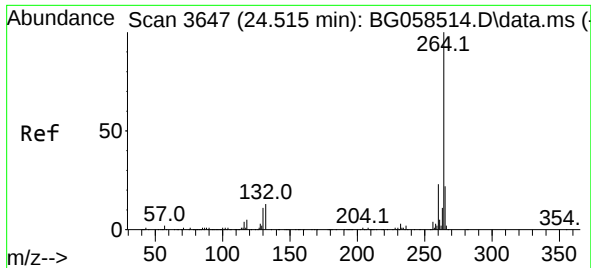
Tgt Ion:184 Resp: 18989
Ion Ratio Lower Upper
184 100
185 16.5 11.9 17.9
183 4.8 8.7 13.1#



#79
Terphenyl-d14
Concen: 95.398 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

Tgt Ion:244 Resp: 1540441
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.8 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: BG058651.D
 Acq: 9 Aug 2023 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB154669BL

Tgt Ion:264 Resp: 373468
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 22.4 17.9 26.9

