

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058763.D
 Acq On : 17 Aug 2023 15:18
 Operator : MA/JU
 Sample : PB154272TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154272TB

Quant Time: Aug 18 01:52:37 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)

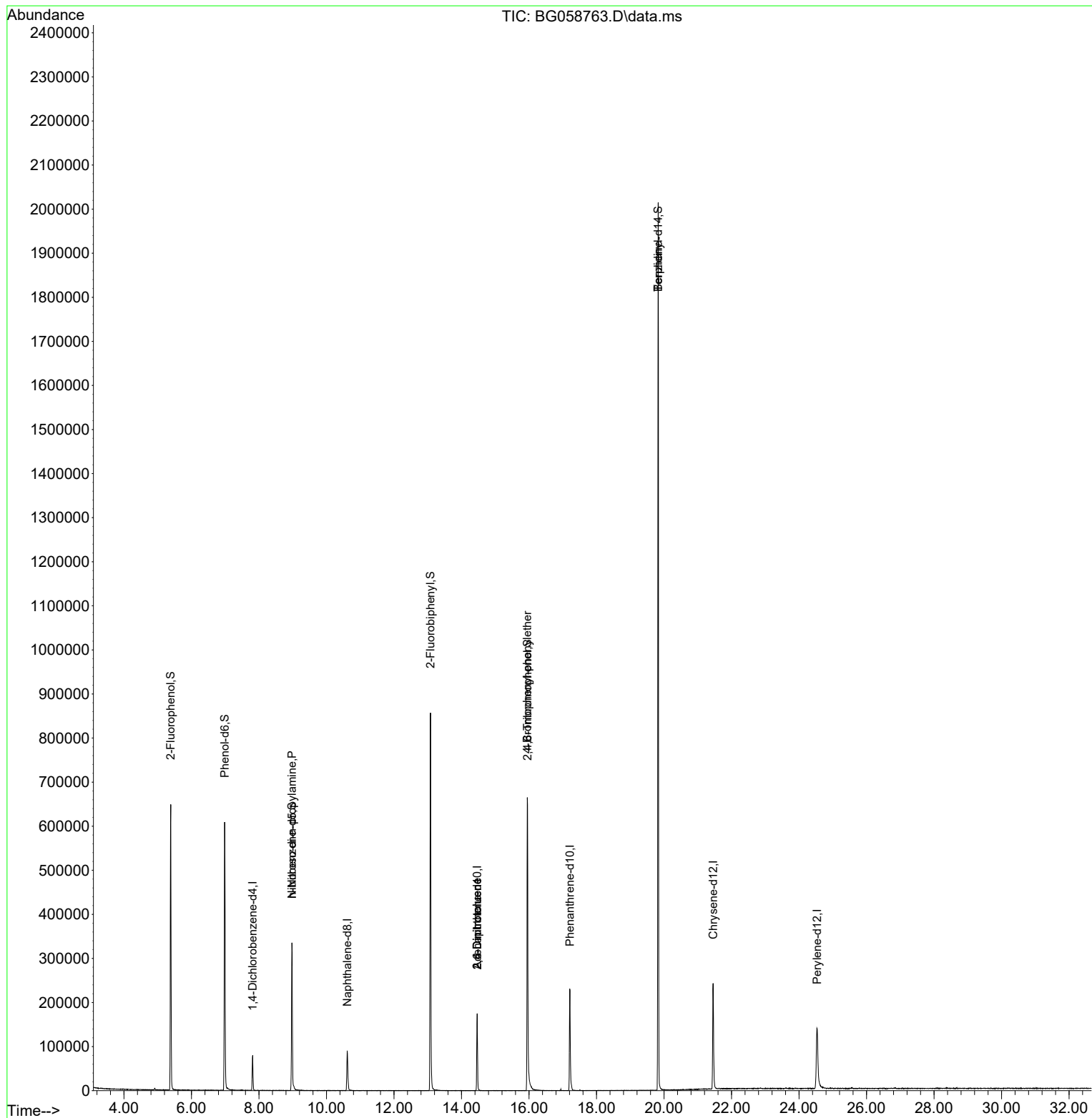
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	22469	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	93260	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	69290	20.000	ng	0.00
64) Phenanthrene-d10	17.212	188	189364	20.000	ng	0.00
76) Chrysene-d12	21.454	240	176325	20.000	ng	0.00
86) Perylene-d12	24.533	264	207465	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	257029	174.844	ng	0.00
7) Phenol-d6	6.983	99	351243	171.711	ng	0.00
23) Nitrobenzene-d5	8.975	82	210944	111.116	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	175342	154.389	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	513765	111.116	ng	0.00
79) Terphenyl-d14	19.827	244	1074102	114.554	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	25845	19.561	ng	# 82
51) 2,6-Dinitrotoluene	14.462	165	8888	7.784	ng	# 22
57) 2,4-Dinitrotoluene	14.462	165	8888	5.615	ng	# 23
67) 4-Bromophenyl-phenylether	15.949	248	11144	5.189	ng	# 1
77) Benzidine	19.827	184	14900	5.573	ng	# 92

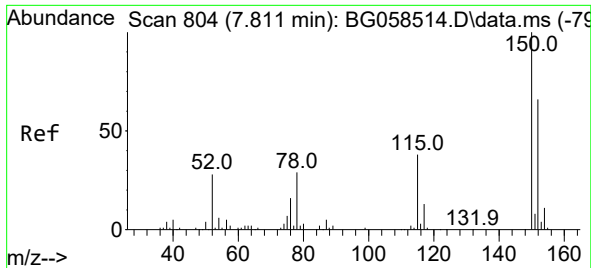
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
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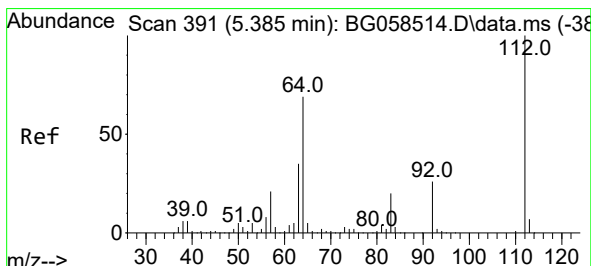
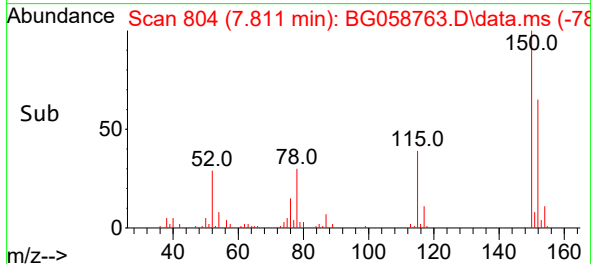
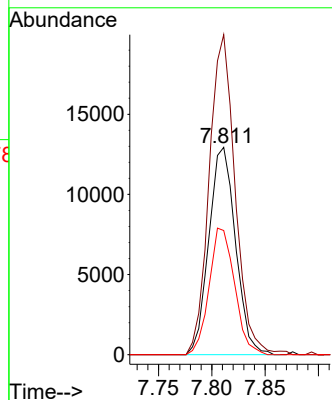
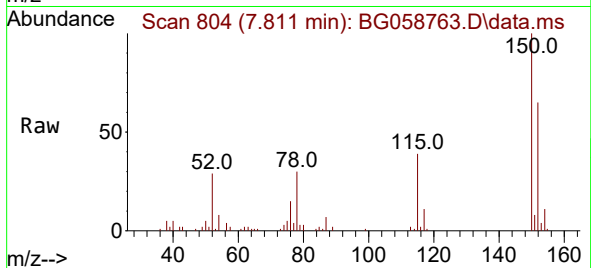




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

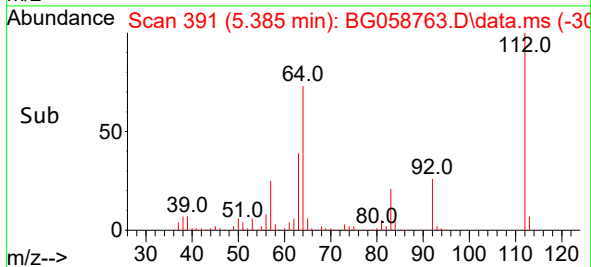
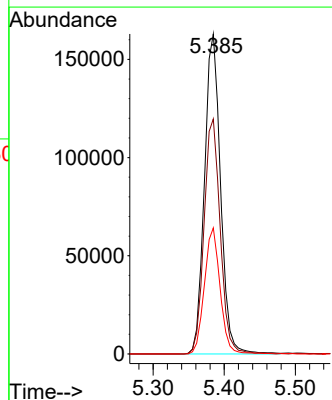
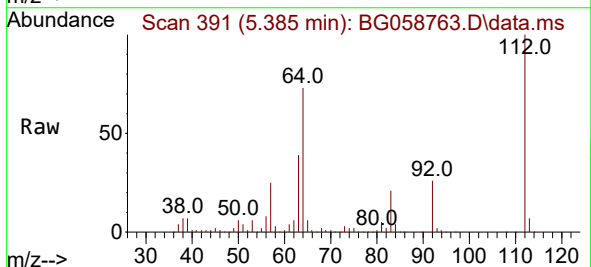
Instrument :
BNA_G
ClientSampleId :
PB154272TB

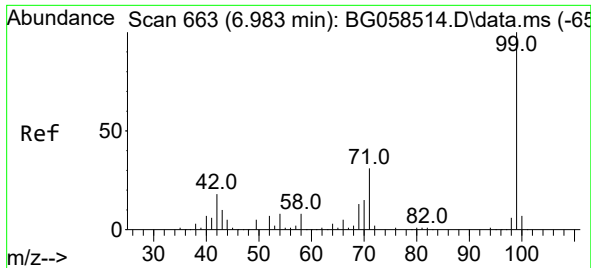
Tgt Ion:152 Resp: 22469
Ion Ratio Lower Upper
152 100
150 154.4 120.5 180.7
115 59.9 45.9 68.9



#5
2-Fluorophenol
Concen: 174.844 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

Tgt Ion:112 Resp: 257029
Ion Ratio Lower Upper
112 100
64 73.5 55.3 82.9
63 39.4 28.3 42.5

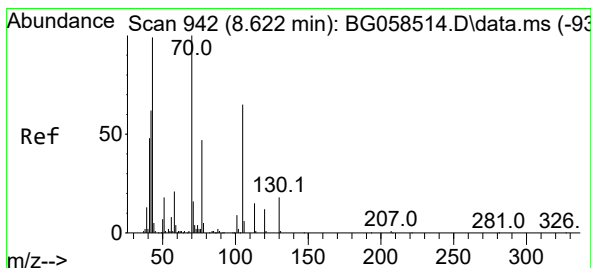
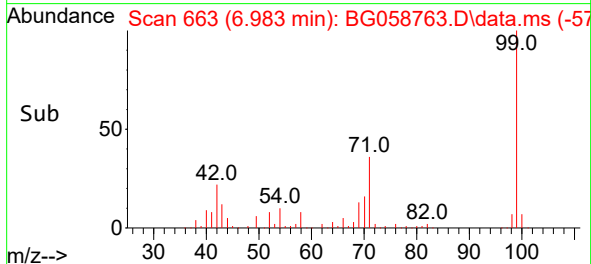
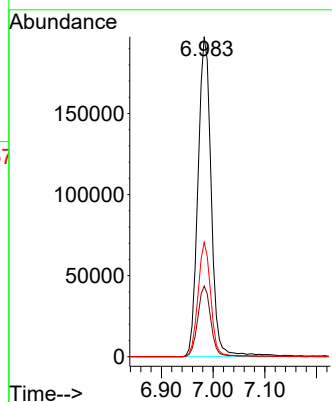
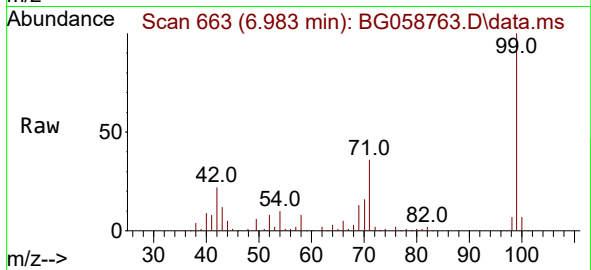




#7
Phenol-d6
Concen: 171.711 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

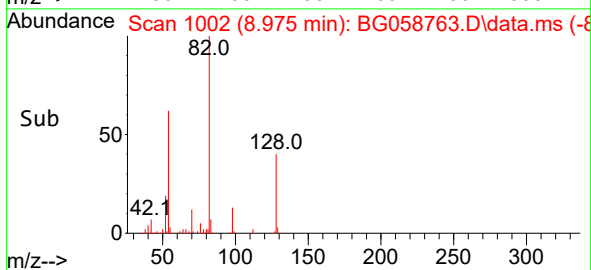
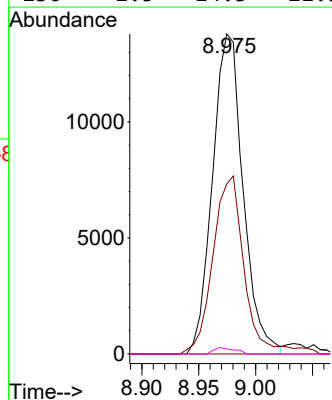
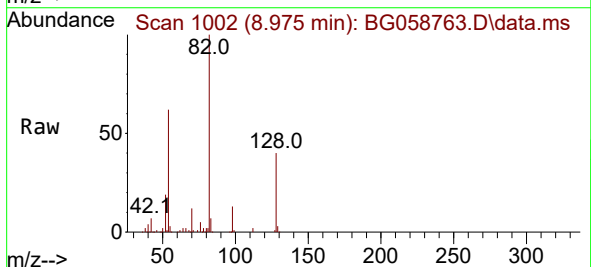
Instrument :
BNA_G
ClientSampleId :
PB154272TB

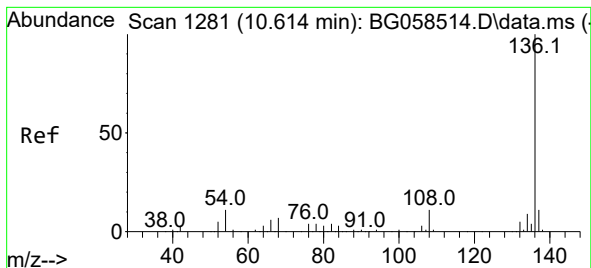
Tgt Ion: 99 Resp: 351243
Ion Ratio Lower Upper
99 100
42 22.1 14.6 21.8#
71 35.8 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.561 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

Tgt Ion: 70 Resp: 25845
Ion Ratio Lower Upper
70 100
42 53.1 49.7 74.5
101 0.0 7.0 10.4#
130 1.5 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: BG058763.D

Acq: 17 Aug 2023 15:18

Instrument :

BNA_G

ClientSampleId :

PB154272TB

Tgt Ion:136 Resp: 93260

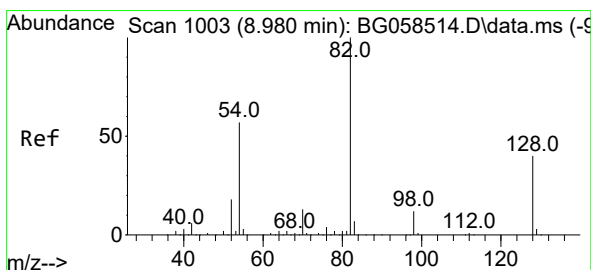
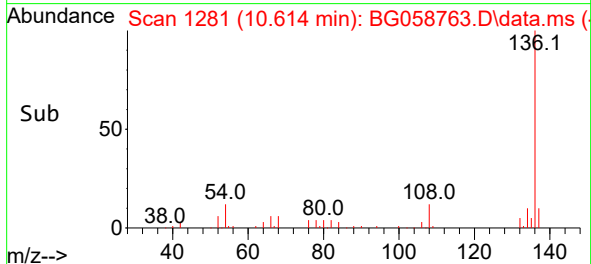
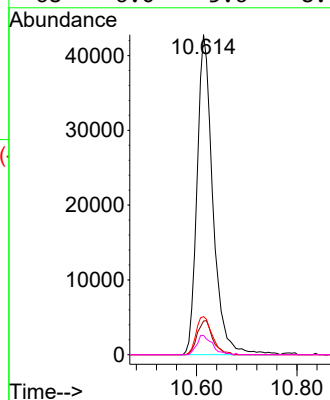
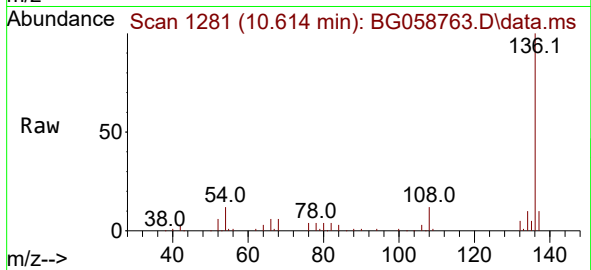
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 11.9 8.9 13.3

68 6.0 5.6 8.4



#23

Nitrobenzene-d5

Concen: 111.116 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058763.D

Acq: 17 Aug 2023 15:18

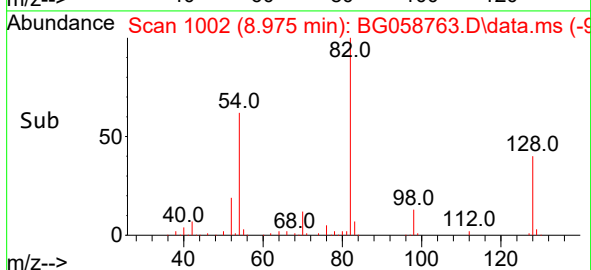
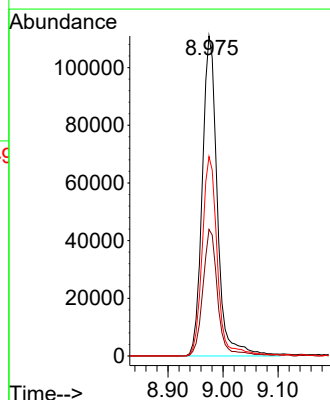
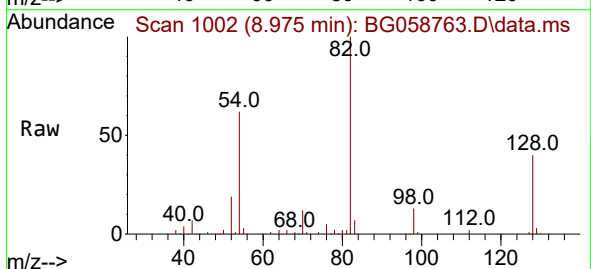
Tgt Ion: 82 Resp: 210944

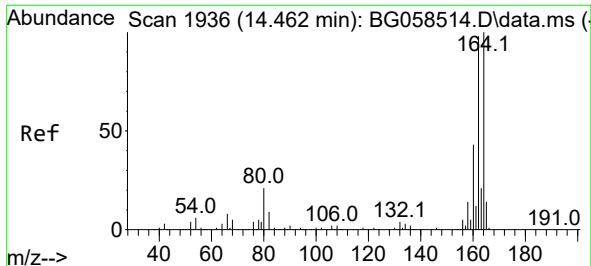
Ion Ratio Lower Upper

82 100

128 39.5 32.2 48.2

54 62.3 46.0 69.0

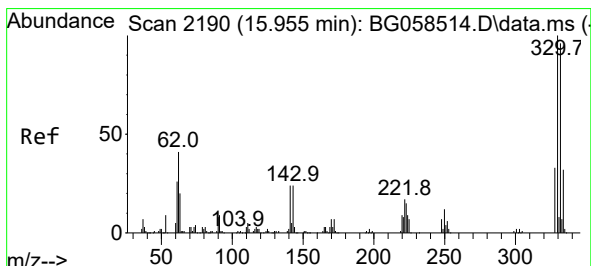
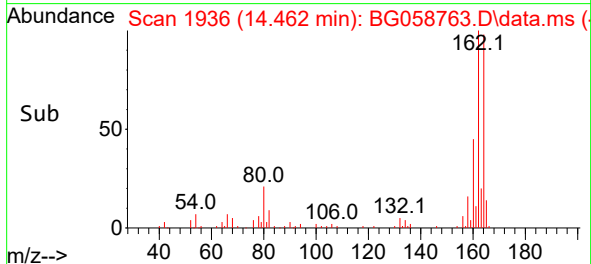
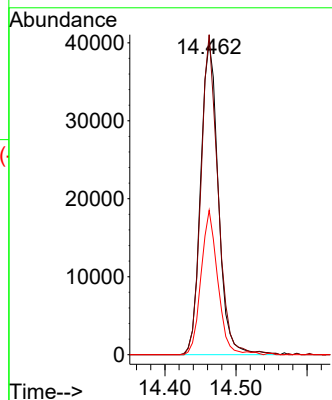
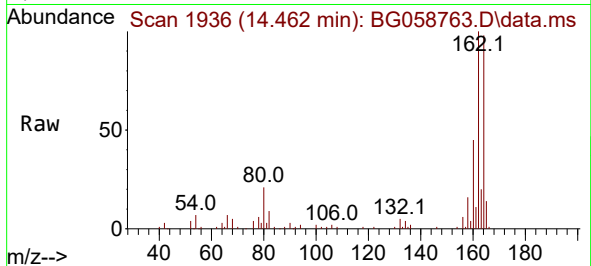




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

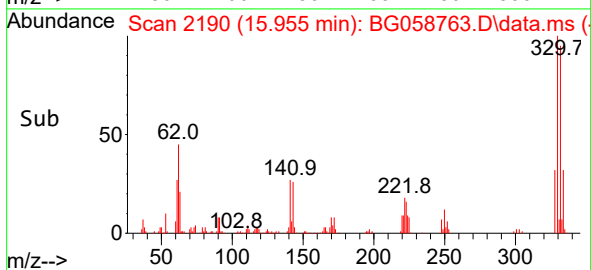
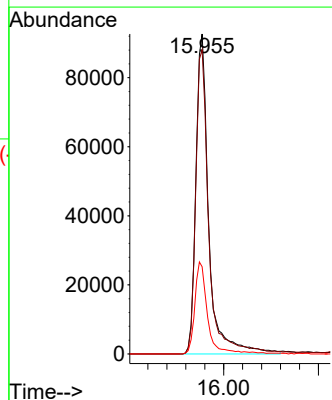
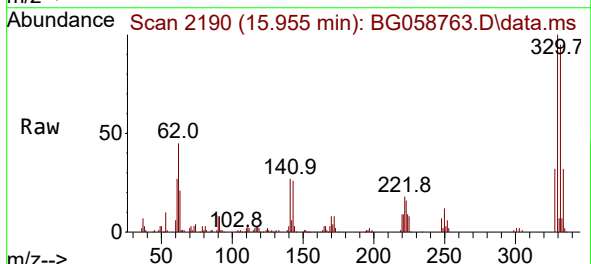
Instrument :
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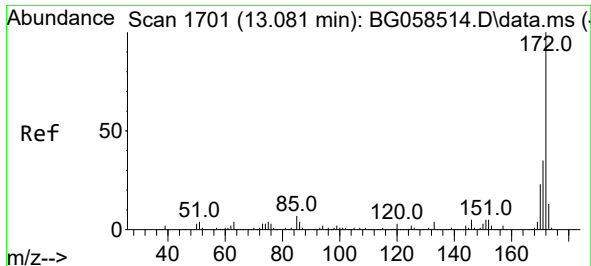
Tgt Ion:164 Resp: 69290
Ion Ratio Lower Upper
164 100
162 102.4 78.3 117.5
160 46.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 154.389 ng
RT: 15.955 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

Tgt Ion:330 Resp: 175342
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 28.4 20.7 31.1

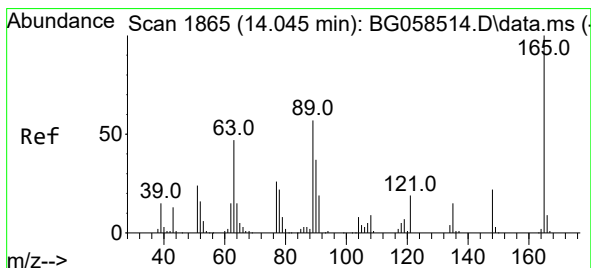
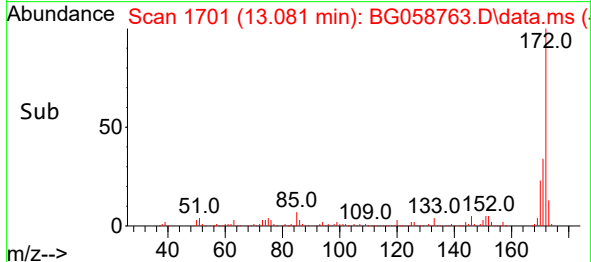
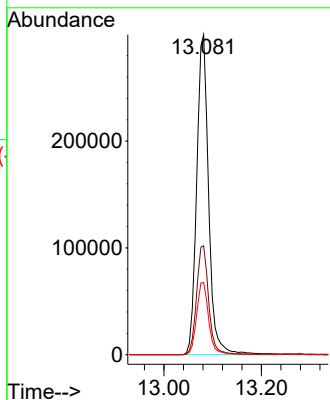
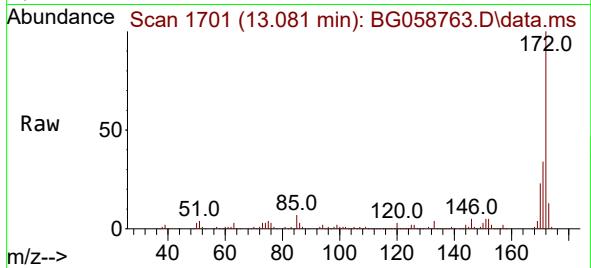




#45
2-Fluorobiphenyl
Concen: 111.116 ng
RT: 13.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

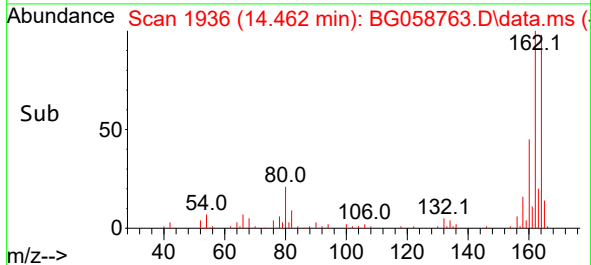
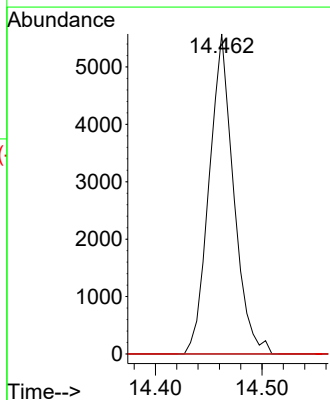
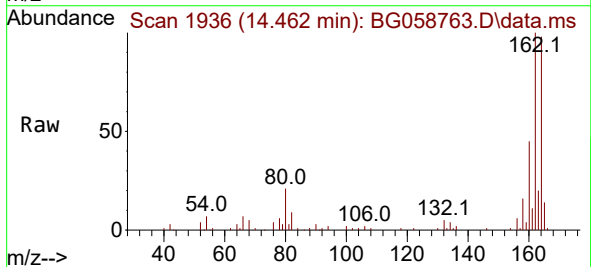
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ClientSampleId :
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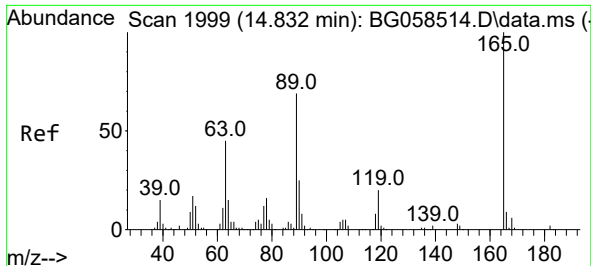
Tgt Ion:172 Resp: 513765
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 22.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.784 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

Tgt Ion:165 Resp: 8888
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#

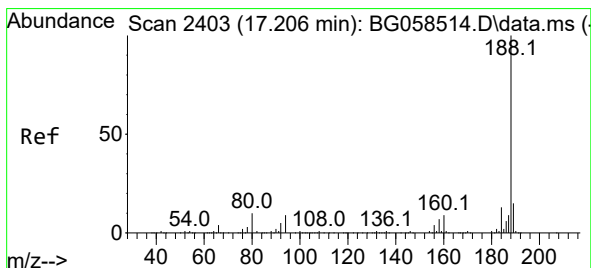
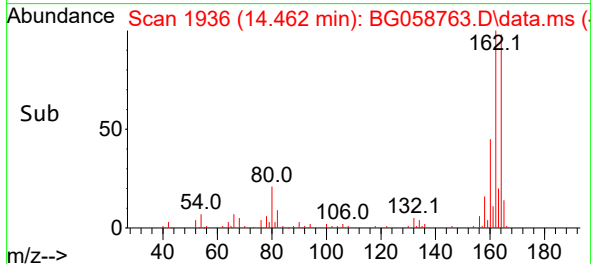
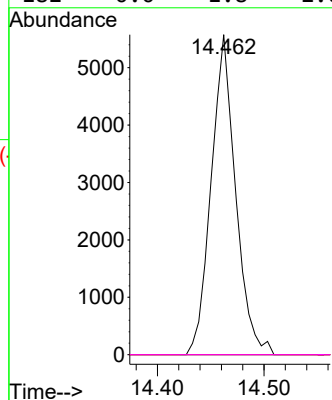
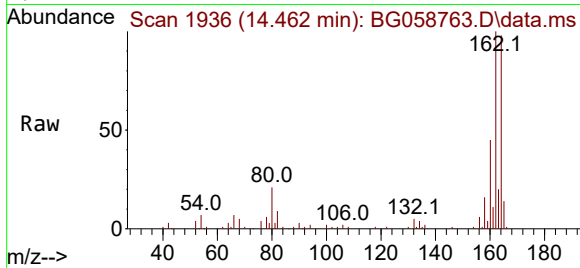




#57
2,4-Dinitrotoluene
Concen: 5.615 ng
RT: 14.462 min Scan# 1999
Delta R.T. -0.370 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

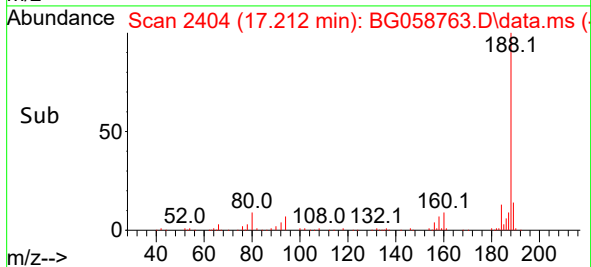
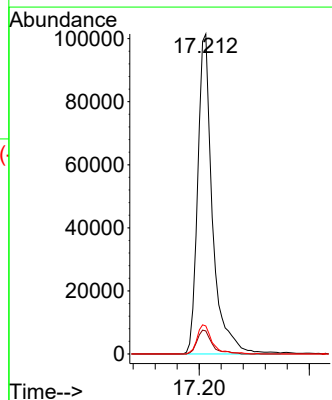
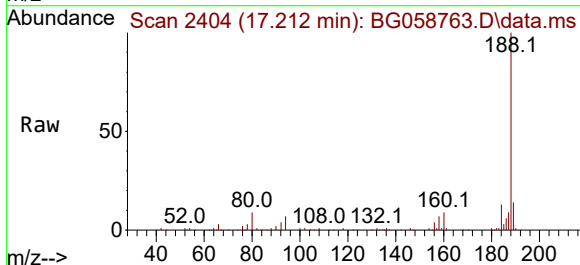
Instrument :
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ClientSampleId :
PB154272TB

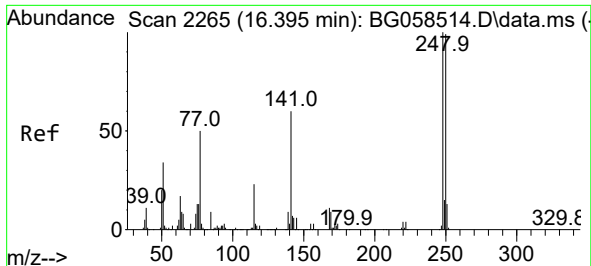
Tgt Ion:165 Resp: 8888
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.212 min Scan# 2404
Delta R.T. 0.006 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

Tgt Ion:188 Resp: 189364
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 8.7 8.1 12.1

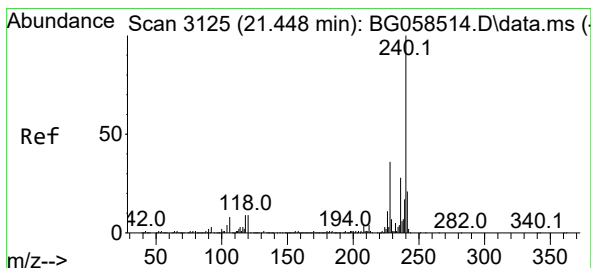
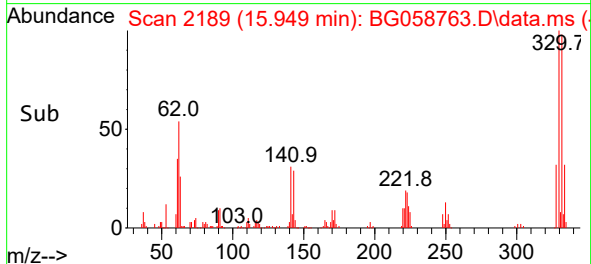
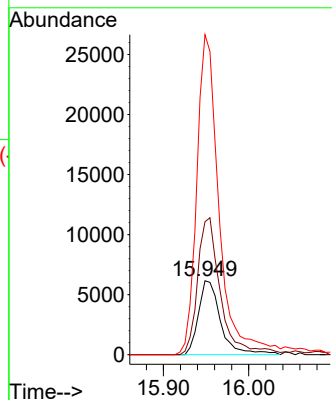
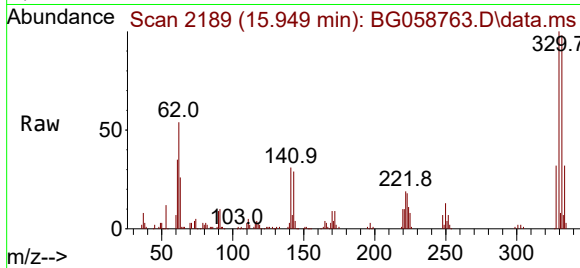




#67
4-Bromophenyl-phenylether
Concen: 5.189 ng
RT: 15.949 min Scan# 2118
Delta R.T. -0.447 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

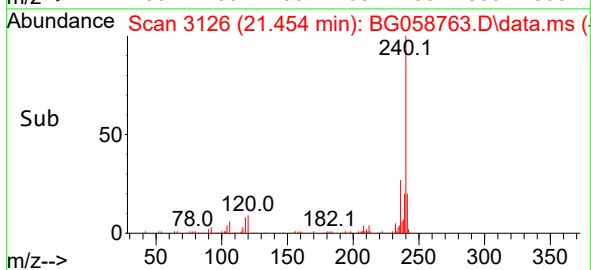
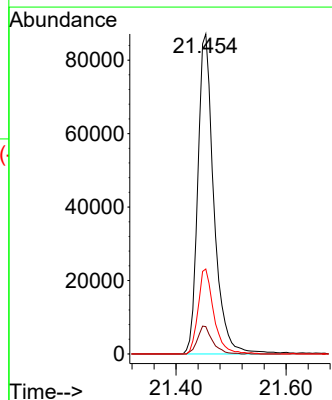
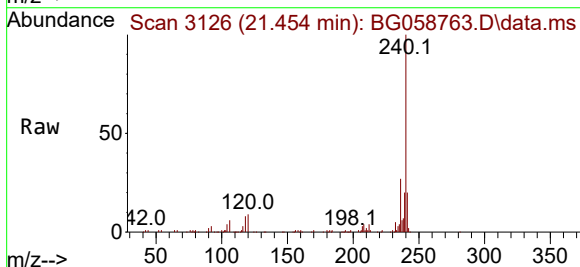
Instrument :
BNA_G
ClientSampleId :
PB154272TB

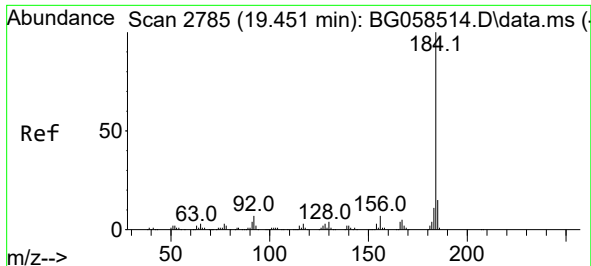
Tgt Ion:248 Resp: 11144
Ion Ratio Lower Upper
248 100
250 179.7 79.5 119.3#
141 432.5 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

Tgt Ion:240 Resp: 176325
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.5 22.2 33.4

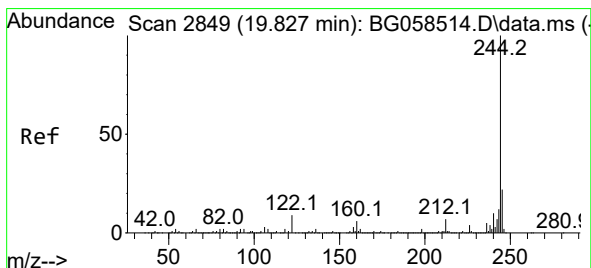
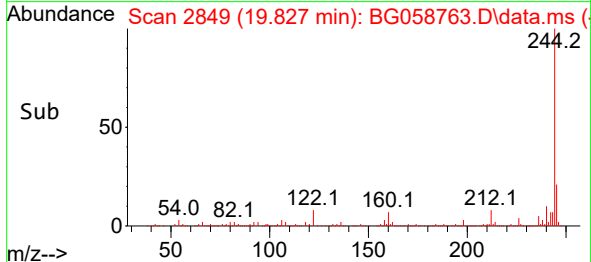
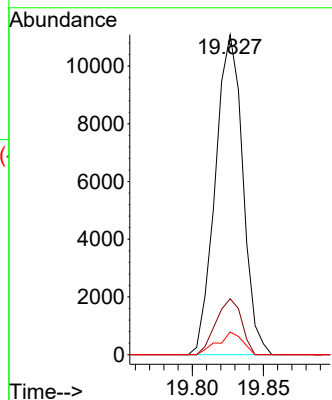
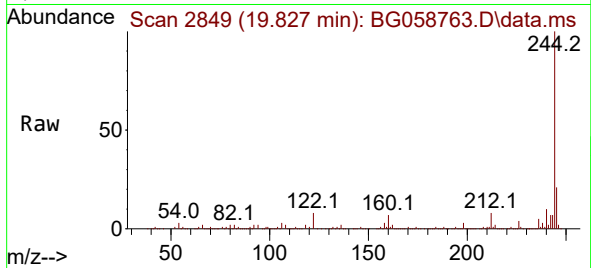




#77
Benzidine
Concen: 5.573 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.376 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

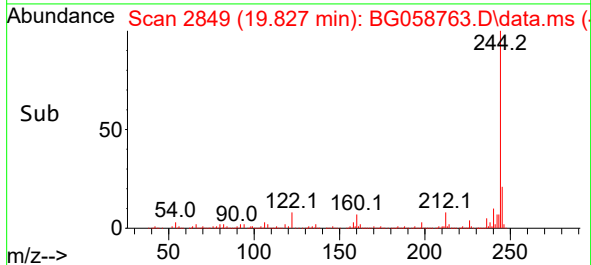
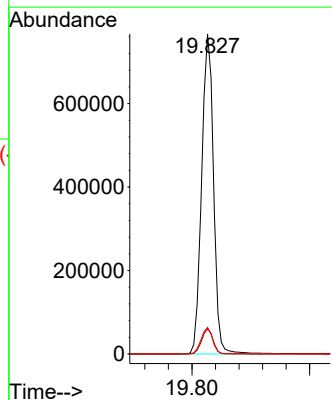
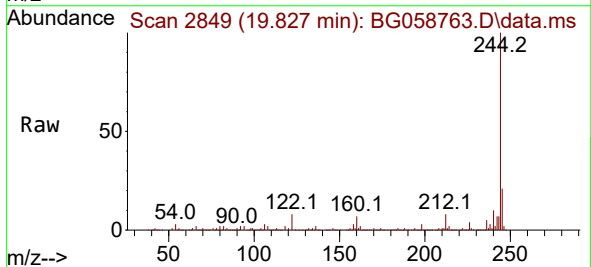
Instrument :
BNA_G
ClientSampleId :
PB154272TB

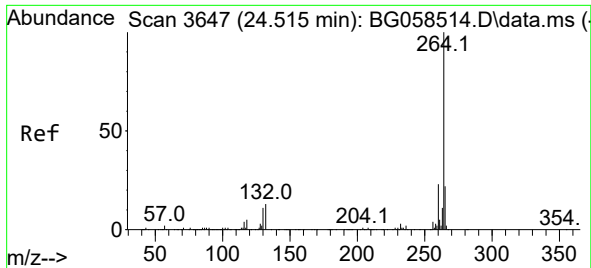
Tgt Ion:184 Resp: 14900
Ion Ratio Lower Upper
184 100
185 17.5 11.9 17.9
183 7.1 8.7 13.1#



#79
Terphenyl-d14
Concen: 114.554 ng
RT: 19.827 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

Tgt Ion:244 Resp: 1074102
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 8.3 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.533 min Scan# 30
 Delta R.T. 0.018 min
 Lab File: BG058763.D
 Acq: 17 Aug 2023 15:18

Instrument :
 BNA_G
 ClientSampleId :
 PB154272TB

Tgt Ion:264 Resp: 207465
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.8 17.9 26.9

