

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057920.D
 Acq On : 30 Jun 2023 15:29
 Operator : CG/JU
 Sample : PB153724BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153724BL

Quant Time: Jun 30 16:52:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

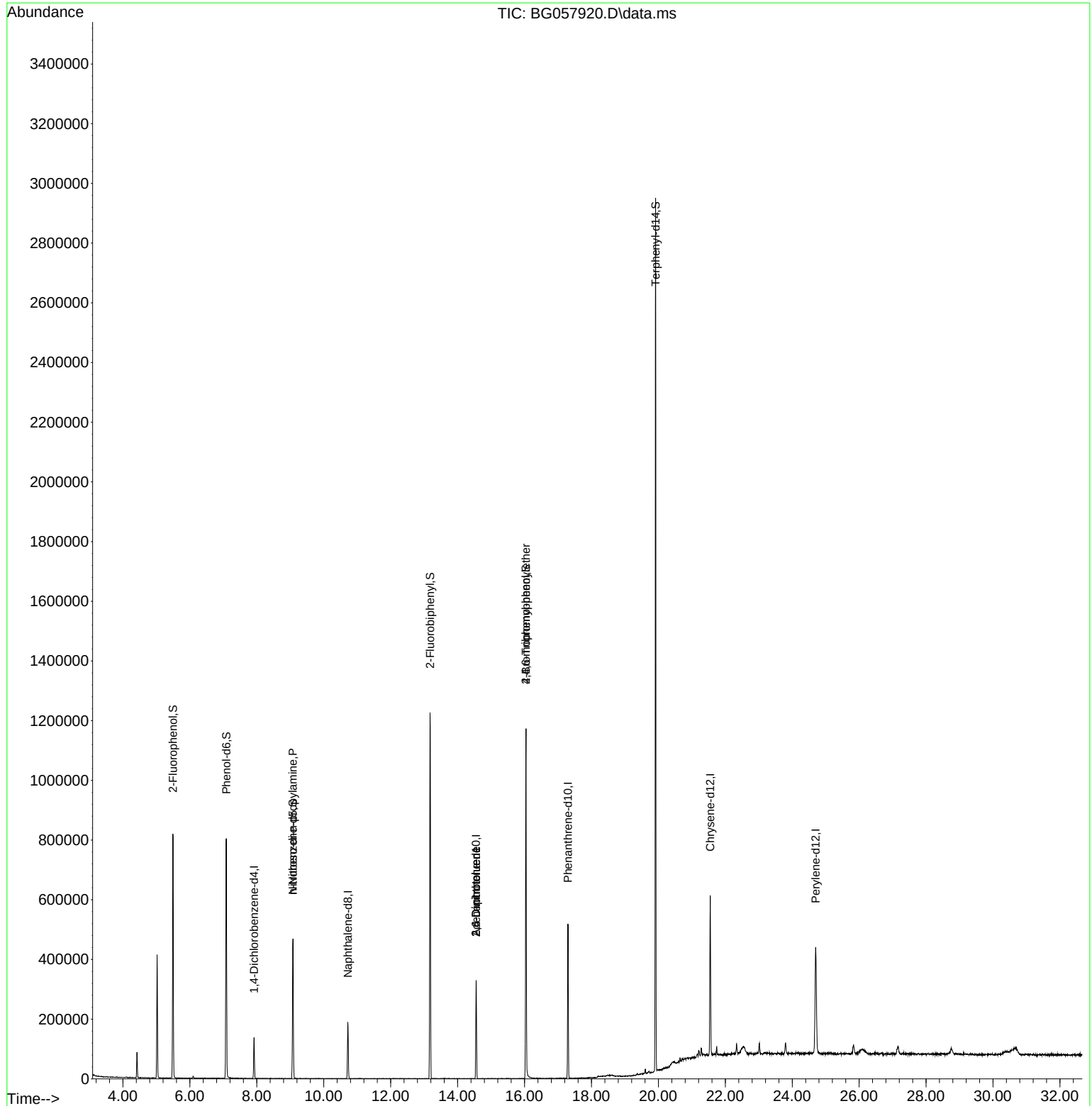
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	37327	20.000	ng	0.00
21) Naphthalene-d8	10.721	136	161929	20.000	ng	0.00
39) Acenaphthene-d10	14.552	164	120071	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	340224	20.000	ng	0.00
76) Chrysene-d12	21.549	240	310590	20.000	ng	0.00
86) Perylene-d12	24.699	264	371658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	351212	143.959	ng	0.00
7) Phenol-d6	7.090	99	498075	136.527	ng	0.00
23) Nitrobenzene-d5	9.082	82	289627	87.656	ng	0.00
42) 2,4,6-Tribromophenol	16.044	330	256505	127.190	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	681570	86.624	ng	0.00
79) Terphenyl-d14	19.916	244	1461702	85.798	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.084	77	1348	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.082	70	35178	14.410	ng	# 77
51) 2,6-Dinitrotoluene	14.552	165	15614	7.902	ng	# 24
57) 2,4-Dinitrotoluene	14.552	165	15614	5.446	ng	# 21
67) 4-Bromophenyl-phenylether	16.044	248	15606	4.345	ng	# 1

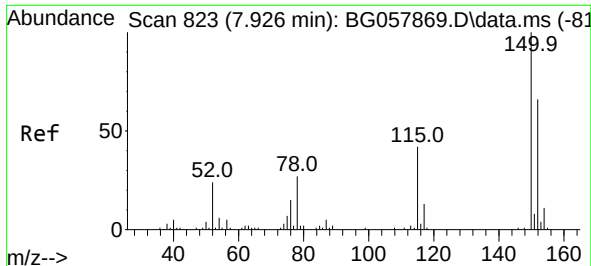
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057920.D
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Sample : PB153724BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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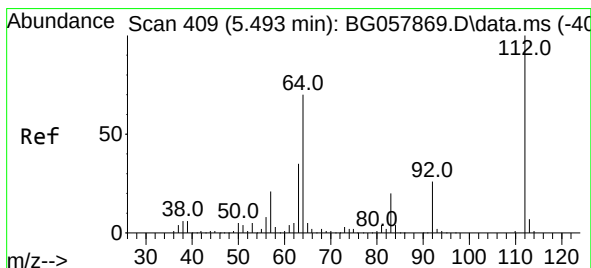
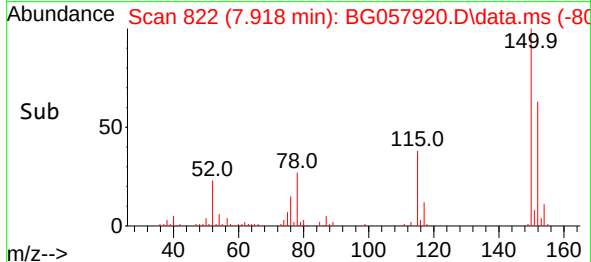
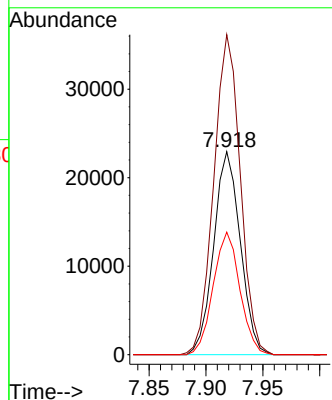
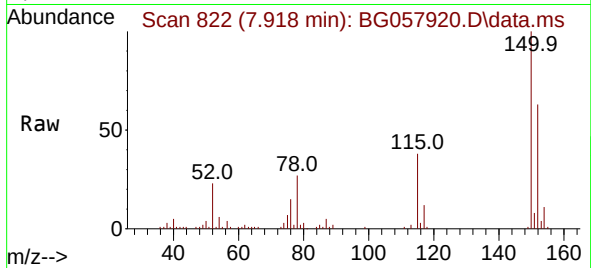




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

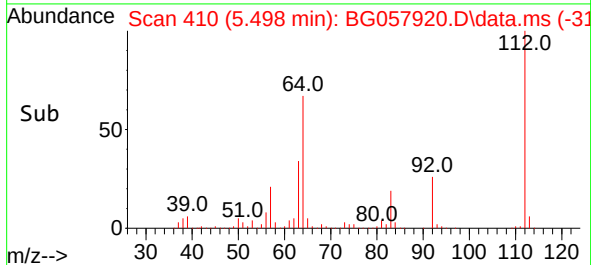
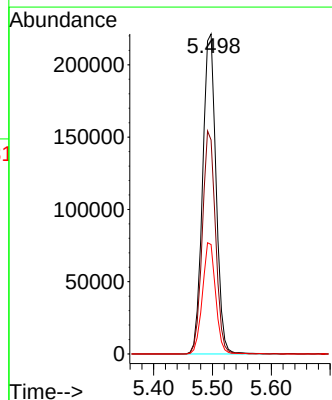
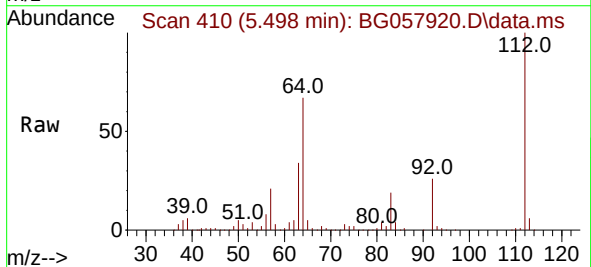
Instrument :
BNA_G
ClientSampleId :
PB153724BL

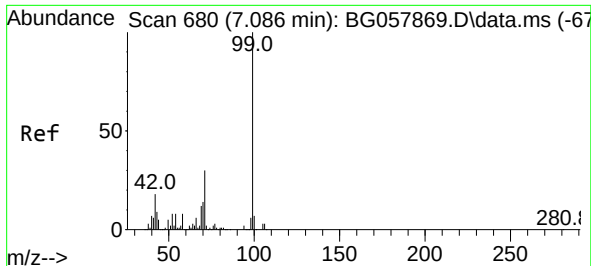
Tgt Ion:152 Resp: 37327
Ion Ratio Lower Upper
152 100
150 157.6 122.0 183.0
115 60.4 50.7 76.1



#5
2-Fluorophenol
Concen: 143.959 ng
RT: 5.498 min Scan# 410
Delta R.T. 0.004 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

Tgt Ion:112 Resp: 351212
Ion Ratio Lower Upper
112 100
64 66.8 55.8 83.6
63 34.2 27.9 41.9

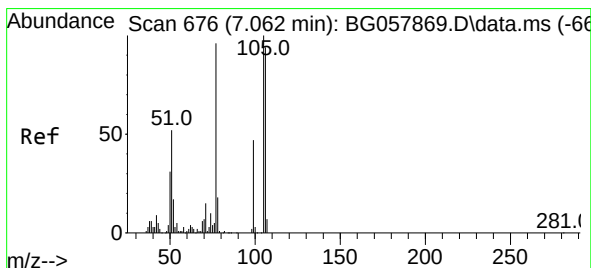
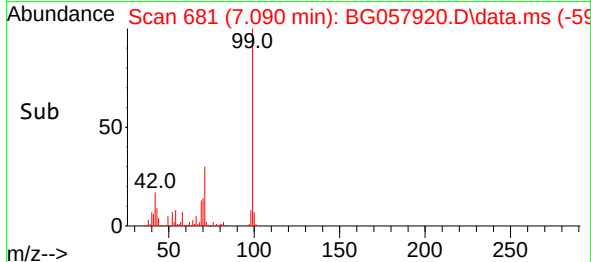
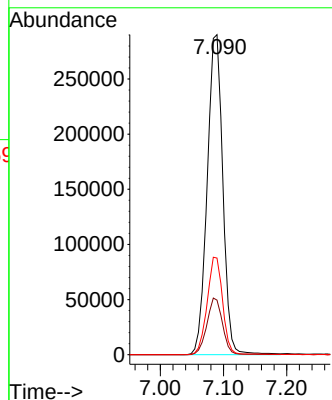
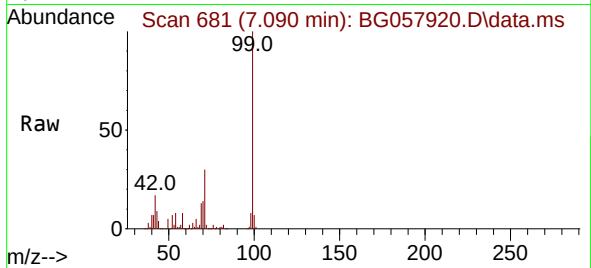




#7
Phenol-d6
Concen: 136.527 ng
RT: 7.090 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

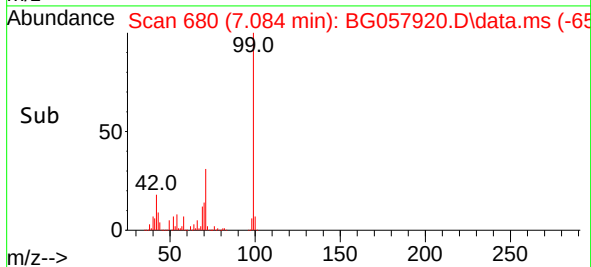
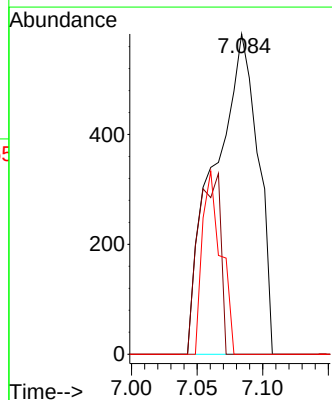
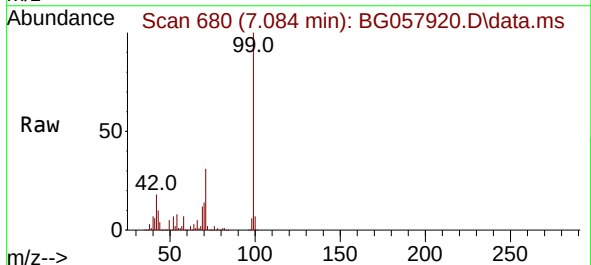
Instrument :
BNA_G
ClientSampleId :
PB153724BL

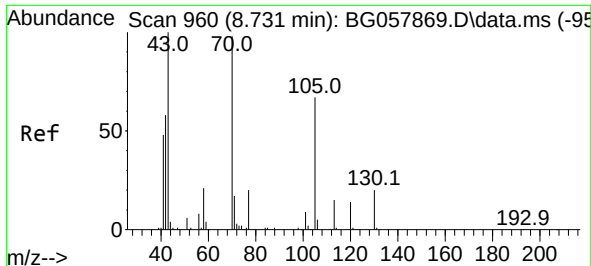
Tgt Ion: 99 Resp: 498075
Ion Ratio Lower Upper
99 100
42 17.0 14.2 21.4
71 30.2 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.084 min Scan# 680
Delta R.T. 0.022 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

Tgt Ion: 77 Resp: 1348
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

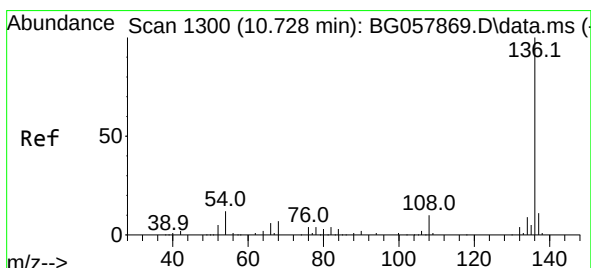
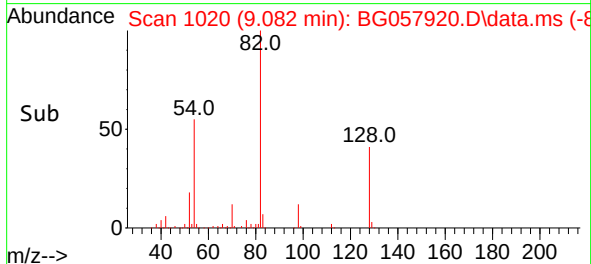
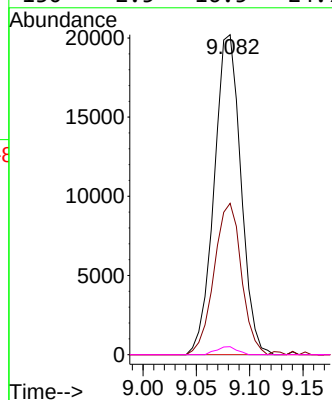
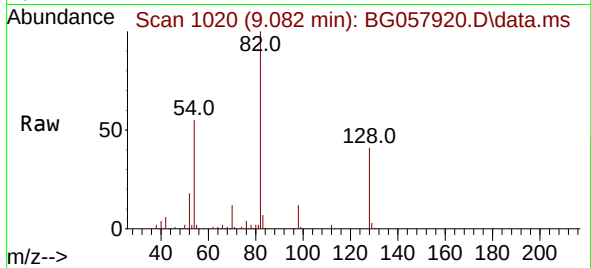




#19
n-Nitroso-di-n-propylamine
Concen: 14.410 ng
RT: 9.082 min Scan# 1020
Delta R.T. 0.351 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

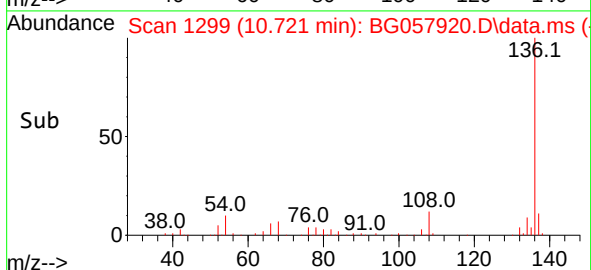
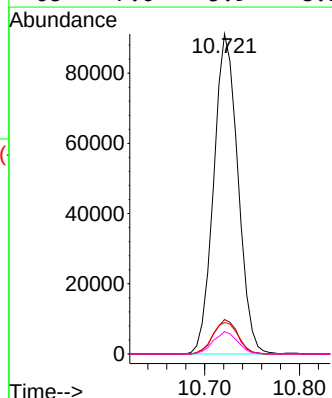
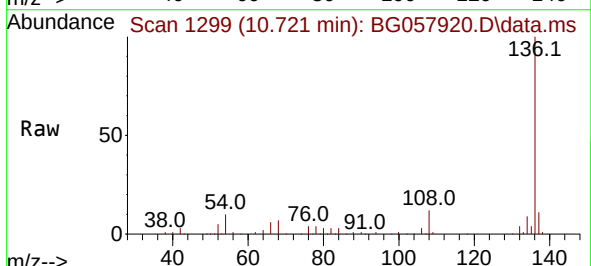
Instrument :
BNA_G
ClientSampleId :
PB153724BL

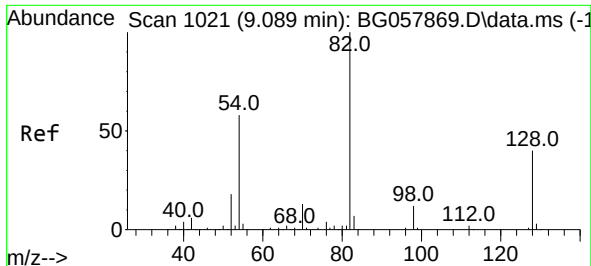
Tgt Ion: 70 Resp: 35178
Ion Ratio Lower Upper
70 100
42 47.3 48.4 72.6#
101 0.0 7.2 10.8#
130 2.5 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 1299
Delta R.T. -0.008 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

Tgt Ion:136 Resp: 161929
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.8 9.3 13.9
68 7.0 5.9 8.9

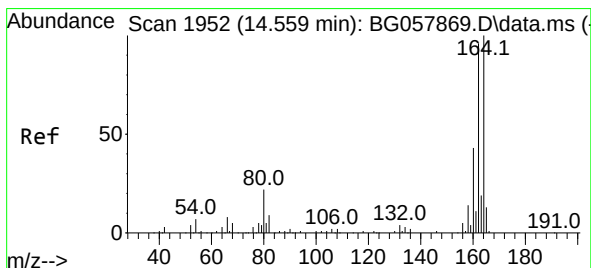
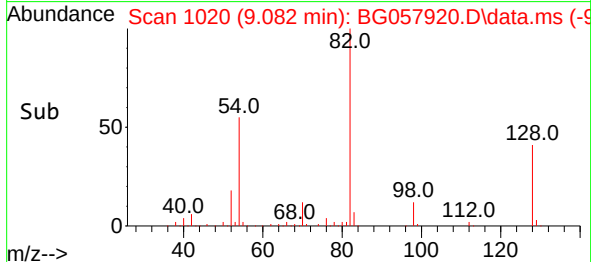
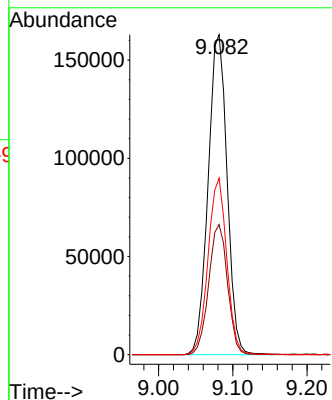
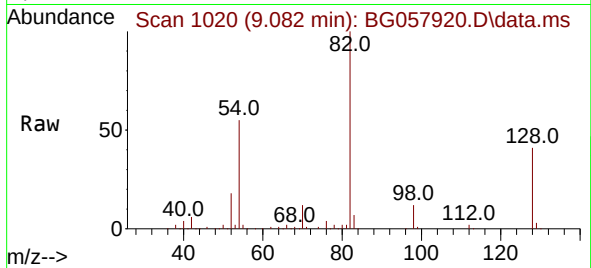




#23
 Nitrobenzene-d5
 Concen: 87.656 ng
 RT: 9.082 min Scan# 1020
 Delta R.T. -0.008 min
 Lab File: BG057920.D
 Acq: 30 Jun 2023 15:29

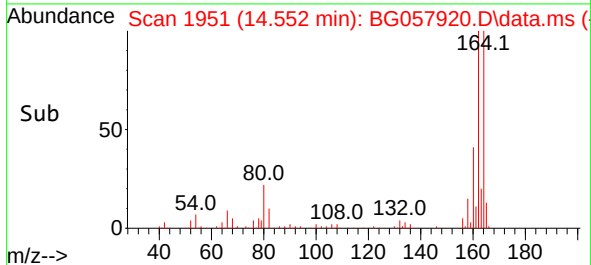
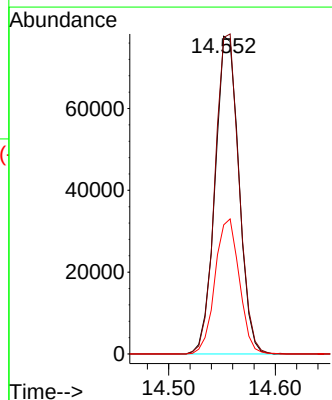
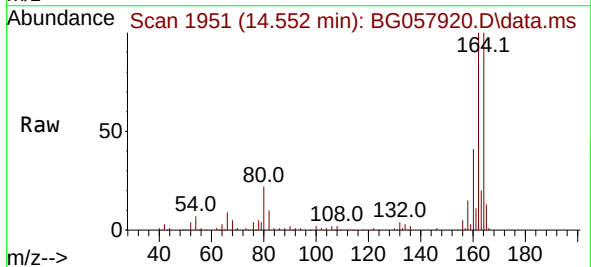
Instrument :
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 ClientSampleId :
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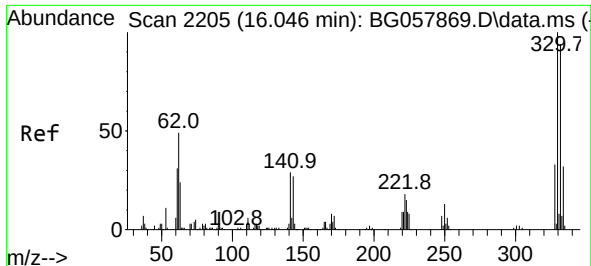
Tgt Ion: 82 Resp: 289627
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.2 48.4
 54 55.1 46.1 69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.552 min Scan# 1951
 Delta R.T. -0.008 min
 Lab File: BG057920.D
 Acq: 30 Jun 2023 15:29

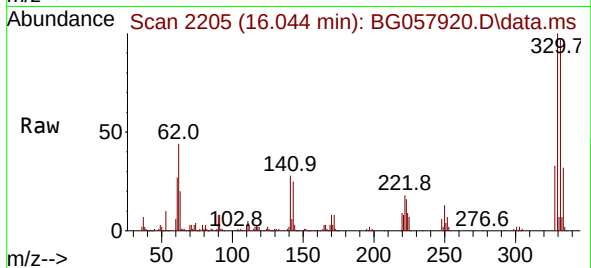
Tgt Ion:164 Resp: 120071
 Ion Ratio Lower Upper
 164 100
 162 99.6 76.4 114.6
 160 40.6 34.2 51.2



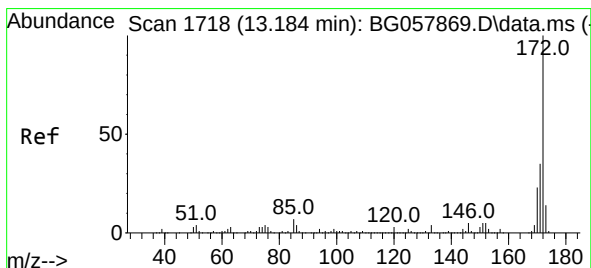
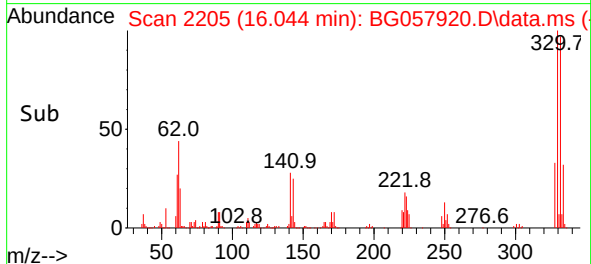
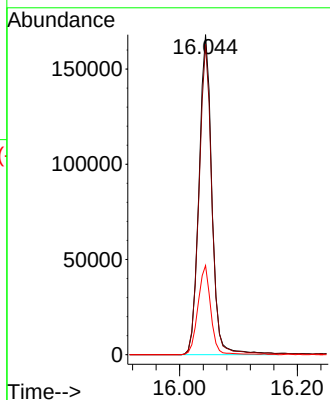


#42
2,4,6-Tribromophenol
Concen: 127.190 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

Instrument :
BNA_G
ClientSampleId :
PB153724BL

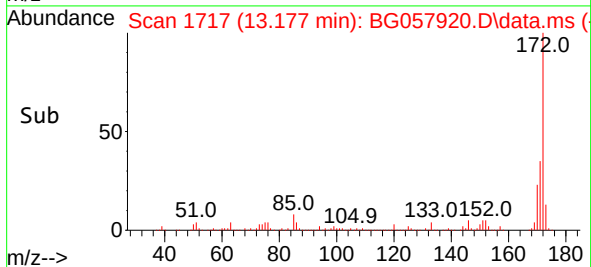
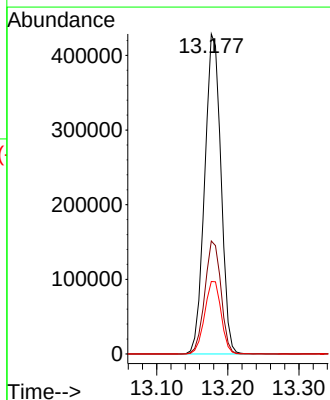
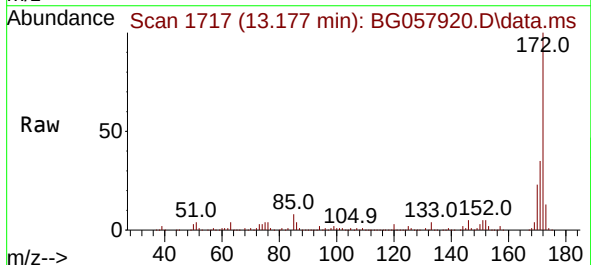


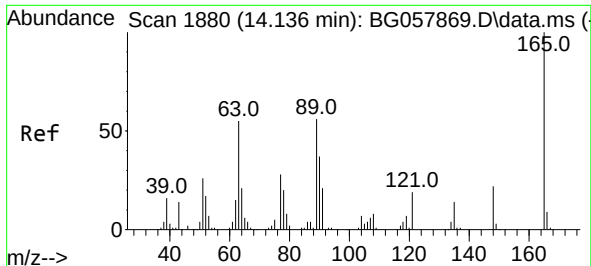
Tgt Ion:330 Resp: 256505
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 27.5 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 86.624 ng
RT: 13.177 min Scan# 1717
Delta R.T. -0.007 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

Tgt Ion:172 Resp: 681570
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 22.7 18.6 27.8

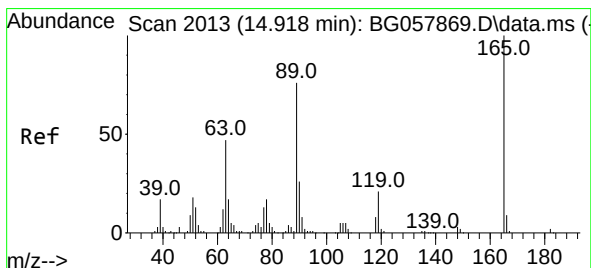
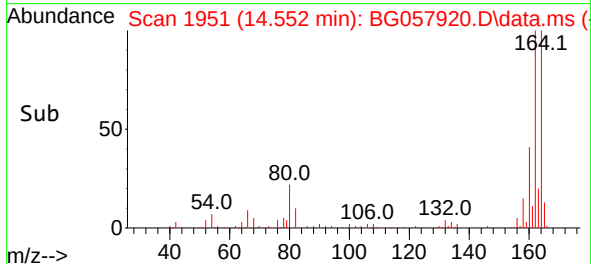
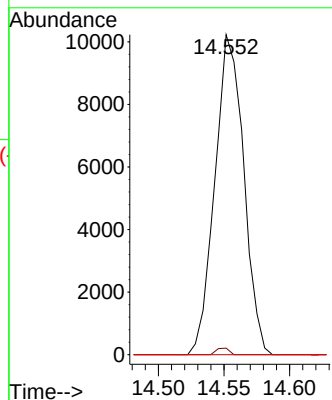
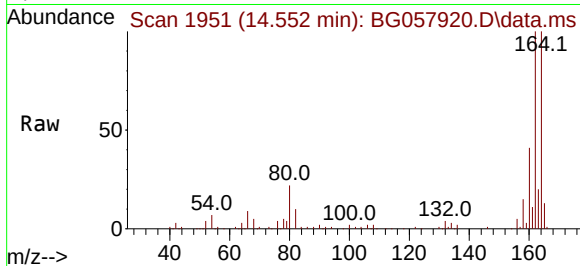




#51
2,6-Dinitrotoluene
Concen: 7.902 ng
RT: 14.552 min Scan# 1951
Delta R.T. 0.416 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

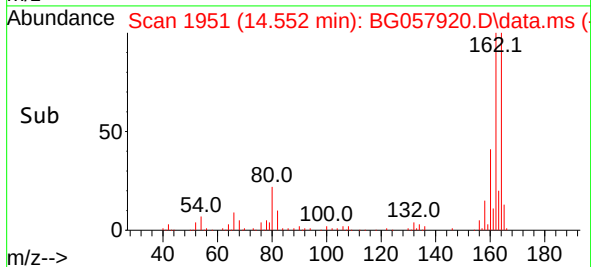
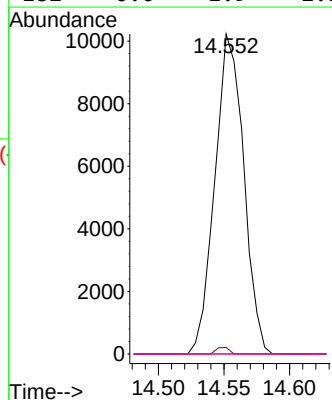
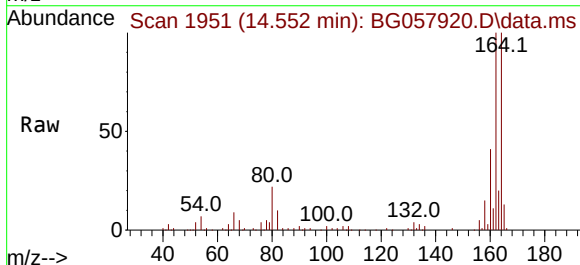
Instrument :
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ClientSampleId :
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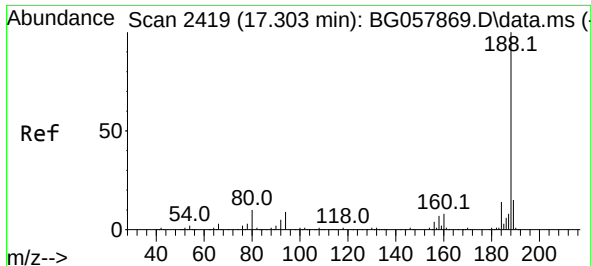
Tgt Ion:165 Resp: 15614
Ion Ratio Lower Upper
165 100
63 2.0 46.4 69.6#
89 0.0 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.446 ng
RT: 14.552 min Scan# 1951
Delta R.T. -0.366 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

Tgt Ion:165 Resp: 15614
Ion Ratio Lower Upper
165 100
63 2.0 37.6 56.4#
89 0.0 61.0 91.4#
182 0.0 1.9 2.9#

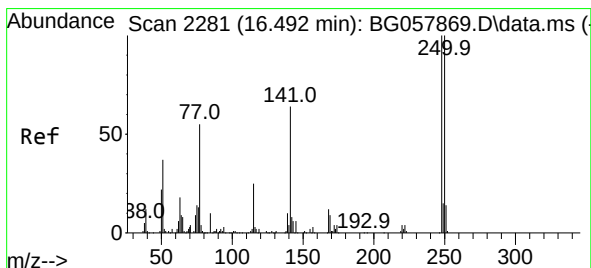
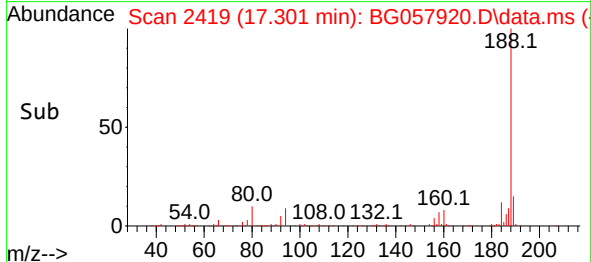
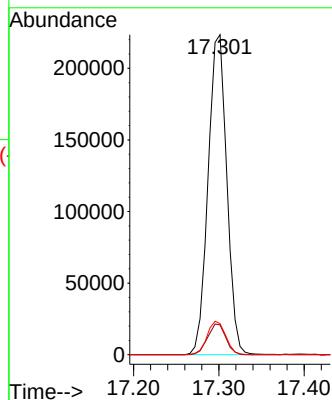
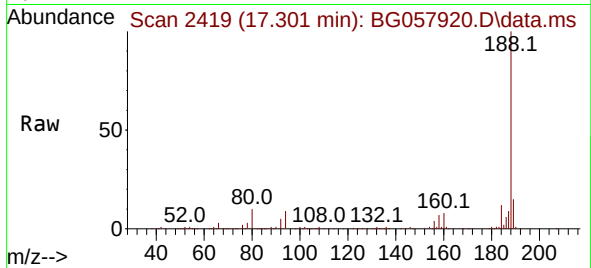




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.002 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

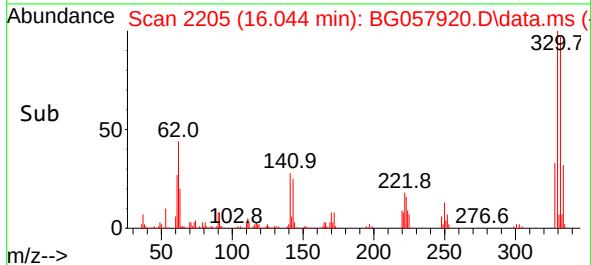
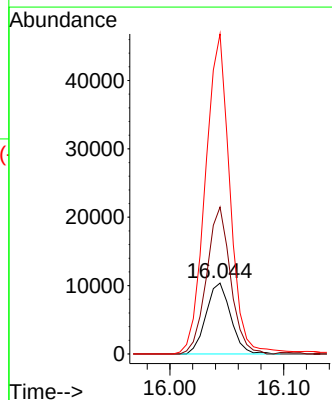
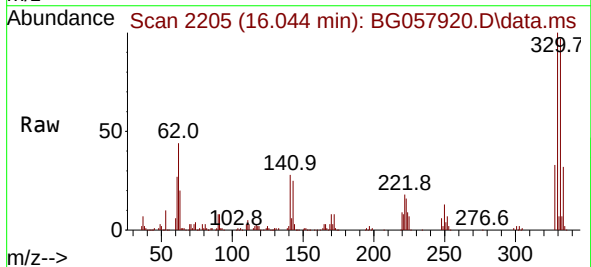
Instrument :
BNA_G
ClientSampleId :
PB153724BL

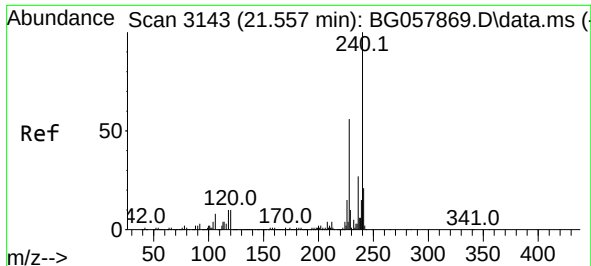
Tgt Ion:188 Resp: 340224
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.7 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 4.345 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.448 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

Tgt Ion:248 Resp: 15606
Ion Ratio Lower Upper
248 100
250 207.3 79.7 119.5#
141 451.6 50.8 76.2#

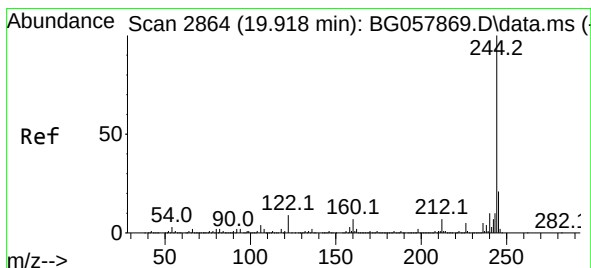
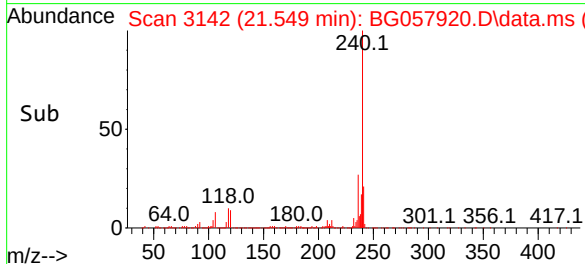
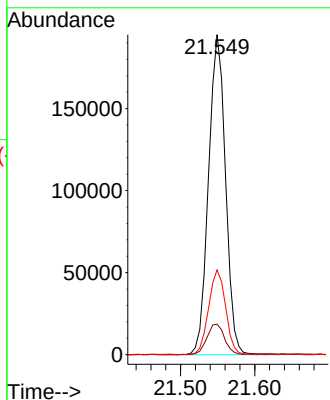
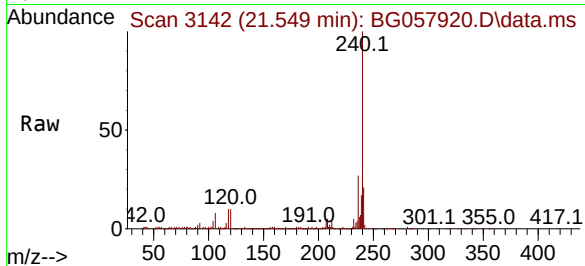




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

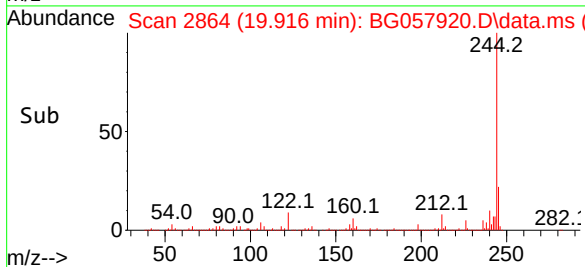
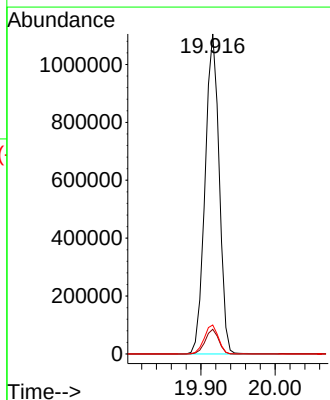
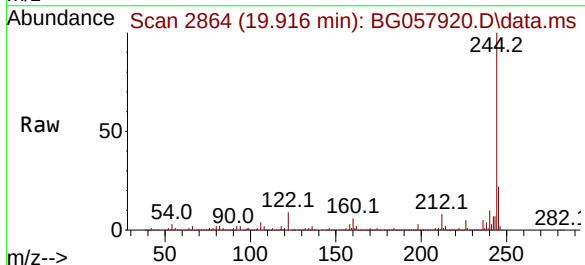
Instrument :
BNA_G
ClientSampleId :
PB153724BL

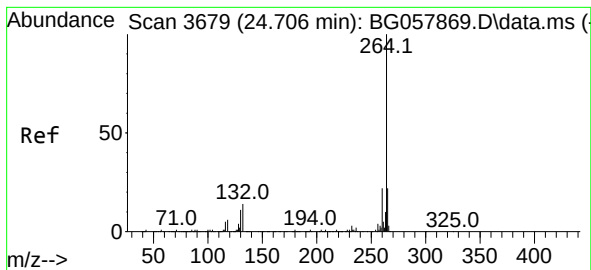
Tgt Ion:240 Resp: 310590
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.5 21.9 32.9



#79
Terphenyl-d14
Concen: 85.798 ng
RT: 19.916 min Scan# 2864
Delta R.T. -0.002 min
Lab File: BG057920.D
Acq: 30 Jun 2023 15:29

Tgt Ion:244 Resp: 1461702
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.1 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.699 min Scan# 30

Delta R.T. -0.008 min

Lab File: BG057920.D

Acq: 30 Jun 2023 15:29

Instrument :

BNA_G

ClientSampleId :

PB153724BL

Tgt Ion:264 Resp: 371658

Ion Ratio Lower Upper

264 100

260 22.7 17.8 26.8

265 20.7 17.3 25.9

