

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061184.D
 Acq On : 14 May 2024 10:36
 Operator : MA/JU
 Sample : PB160877BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160877BL

Quant Time: May 14 11:25:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

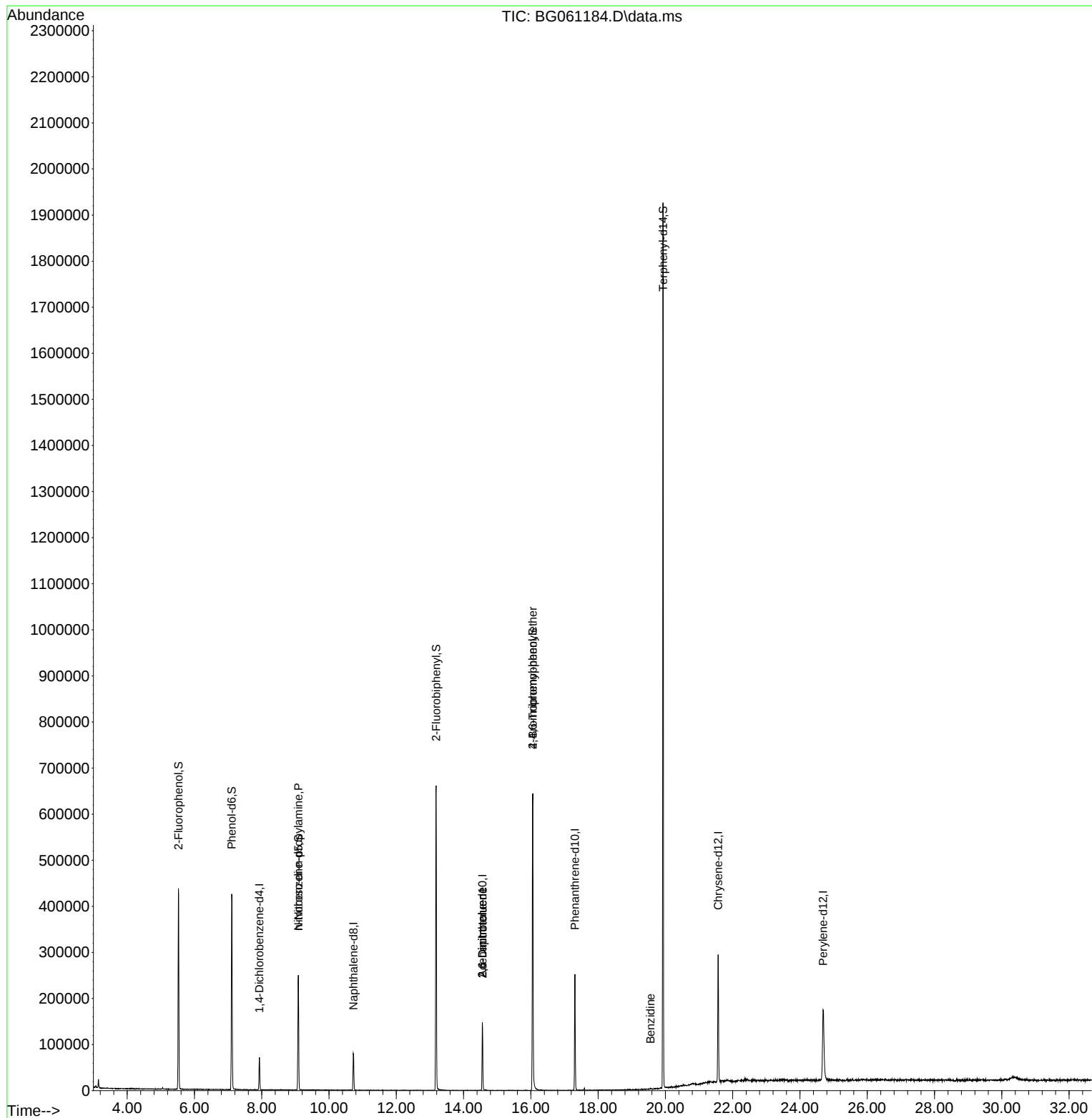
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	17258	20.000	ng	#-0.03
21) Naphthalene-d8	10.727	136	66868	20.000	ng	#-0.03
39) Acenaphthene-d10	14.558	164	58713	20.000	ng	-0.03
64) Phenanthrene-d10	17.308	188	165131	20.000	ng	#-0.02
76) Chrysene-d12	21.568	240	178667	20.000	ng	-0.02
86) Perylene-d12	24.687	264	208873	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	152694	179.939	ng	-0.02
7) Phenol-d6	7.108	99	185380	147.675	ng	-0.02
23) Nitrobenzene-d5	9.088	82	130547	96.780	ng	-0.03
42) 2,4,6-Tribromophenol	16.056	330	154836	131.936	ng	-0.02
45) 2-Fluorobiphenyl	13.183	172	358239	90.224	ng	-0.02
79) Terphenyl-d14	19.928	244	976352	90.885	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.102	77	421	Below Cal		Qvalue # 3
19) n-Nitroso-di-n-propyla...	9.088	70	18139	19.308	ng	# 63
51) 2,6-Dinitrotoluene	14.558	165	7425	7.655	ng	# 15
57) 2,4-Dinitrotoluene	14.558	165	7425	5.174	ng	# 17
67) 4-Bromophenyl-phenylether	16.056	248	9567	4.918	ng	# 1
77) Benzidine	19.558	184	1695	3.265	ng	# 65

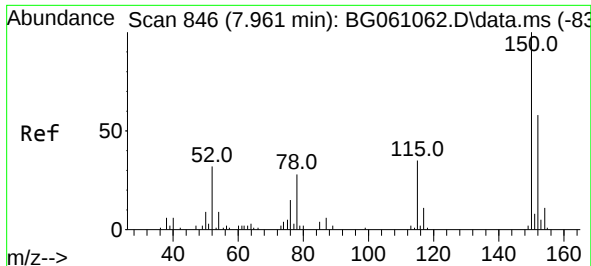
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061184.D
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Misc :
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BNA_G
ClientSampleId :
PB160877BL

Quant Time: May 14 11:25:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

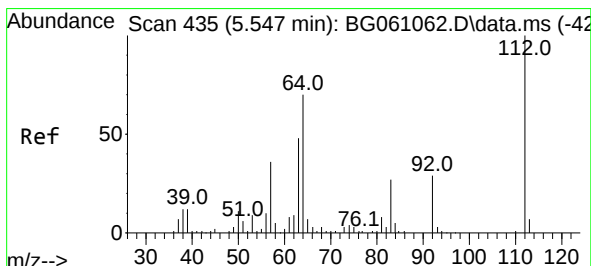
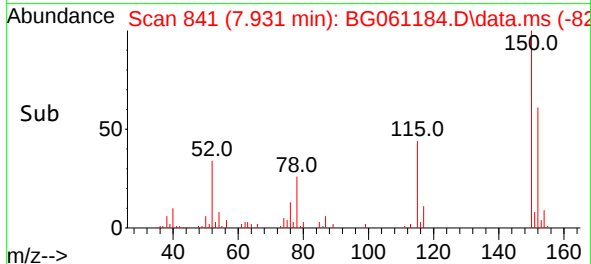
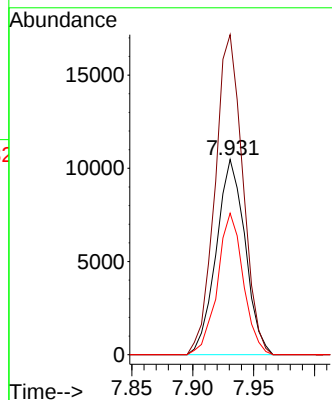
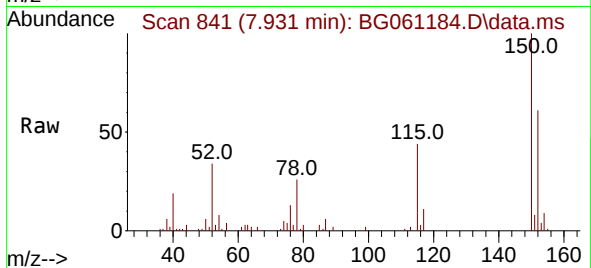




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 846
Delta R.T. -0.030 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

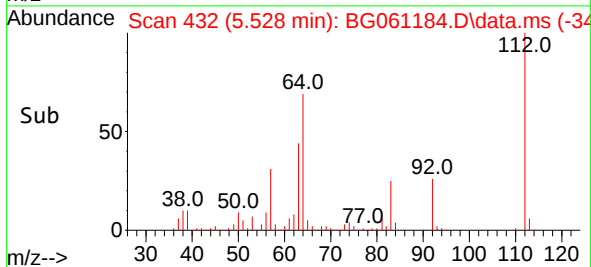
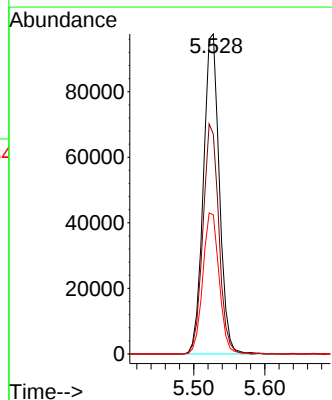
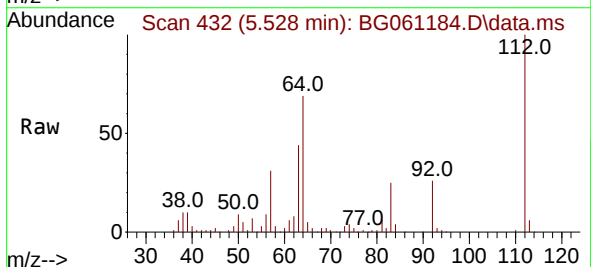
Instrument :
BNA_G
ClientSampleId :
PB160877BL

Tgt Ion:152 Resp: 17258
Ion Ratio Lower Upper
152 100
150 164.0 138.3 207.5
115 72.5 48.0 72.0#



#5
2-Fluorophenol
Concen: 179.939 ng
RT: 5.528 min Scan# 432
Delta R.T. -0.019 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

Tgt Ion:112 Resp: 152694
Ion Ratio Lower Upper
112 100
64 68.6 55.7 83.5
63 43.5 38.1 57.1

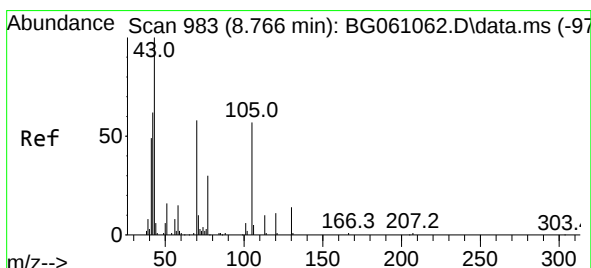
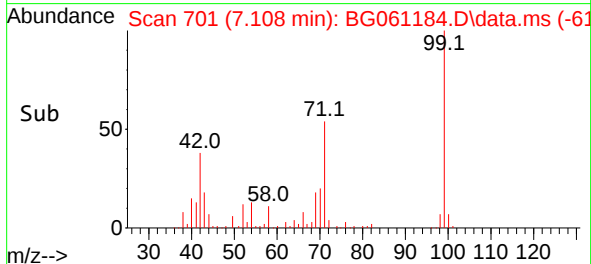
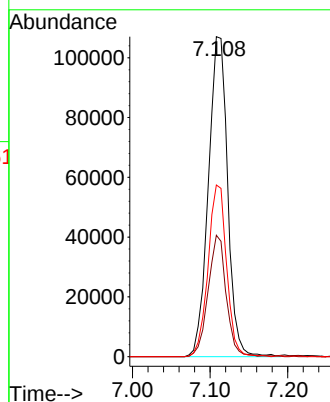
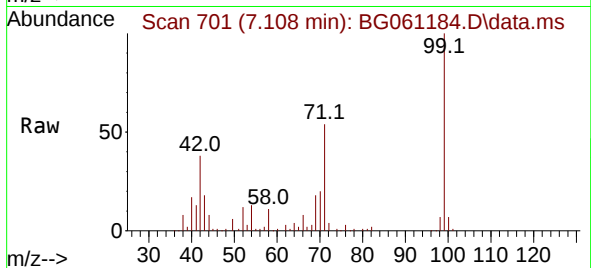




#7
Phenol-d6
Concen: 147.675 ng
RT: 7.108 min Scan# 705
Delta R.T. -0.025 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

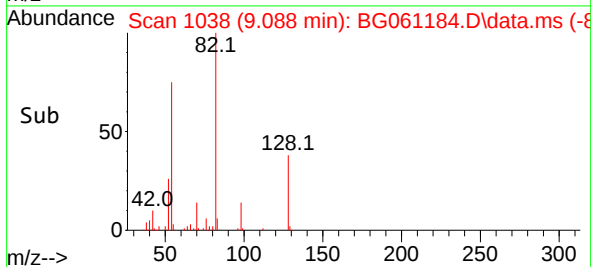
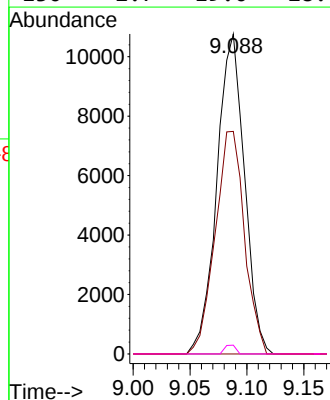
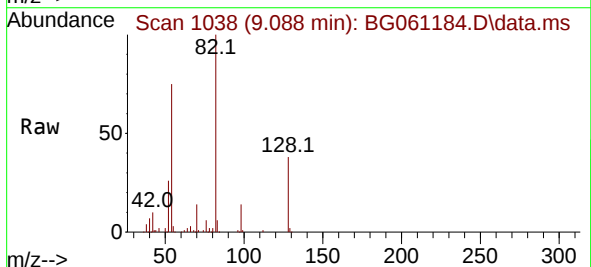
Instrument :
BNA_G
ClientSampleId :
PB160877BL

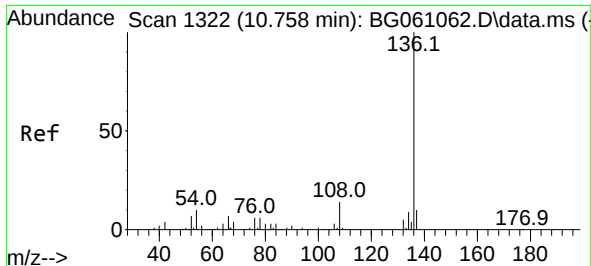
Tgt Ion: 99 Resp: 185380
Ion Ratio Lower Upper
99 100
42 37.9 29.2 43.8
71 53.6 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.308 ng
RT: 9.088 min Scan# 1038
Delta R.T. 0.322 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

Tgt Ion: 70 Resp: 18139
Ion Ratio Lower Upper
70 100
42 69.5 86.4 129.6#
101 0.0 7.8 11.8#
130 2.7 19.0 28.4#

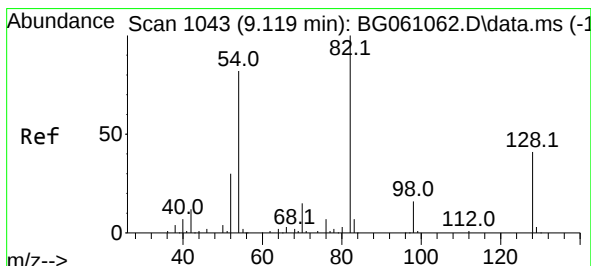
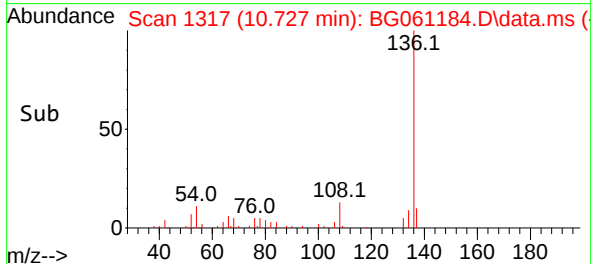
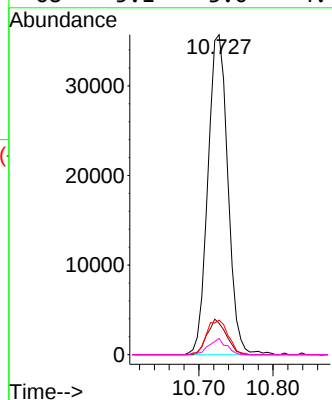
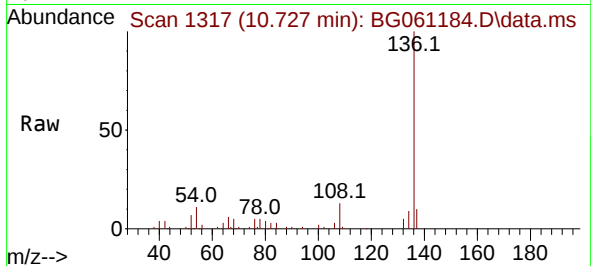




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.031 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

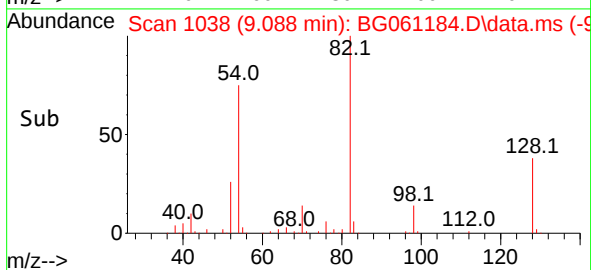
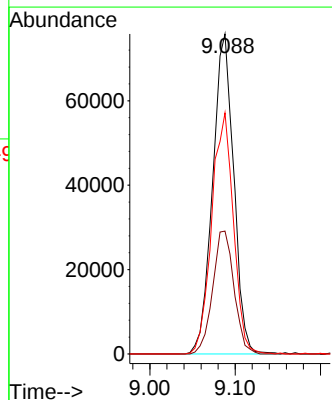
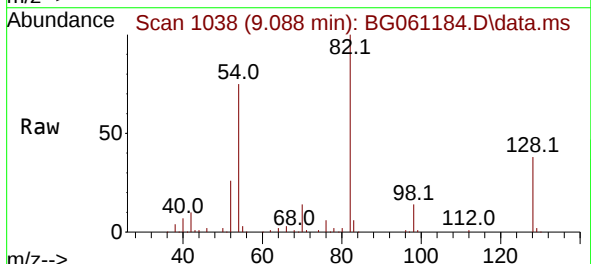
Instrument :
BNA_G
ClientSampleId :
PB160877BL

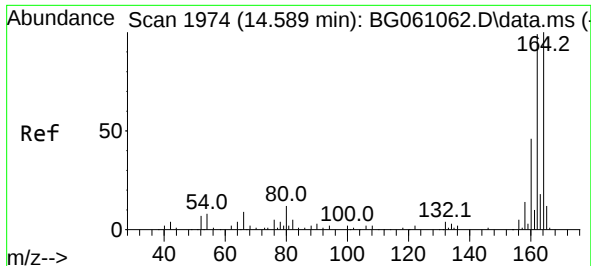
Tgt Ion:	136	Resp:	66868
Ion Ratio	Lower	Upper	
136	100		
137	9.8	7.8	11.6
54	10.8	8.1	12.1
68	5.1	3.0	4.4



#23
Nitrobenzene-d5
Concen: 96.780 ng
RT: 9.088 min Scan# 1038
Delta R.T. -0.031 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

Tgt Ion:	82	Resp:	130547
Ion Ratio	Lower	Upper	
82	100		
128	38.4	32.7	49.1
54	75.4	65.6	98.4

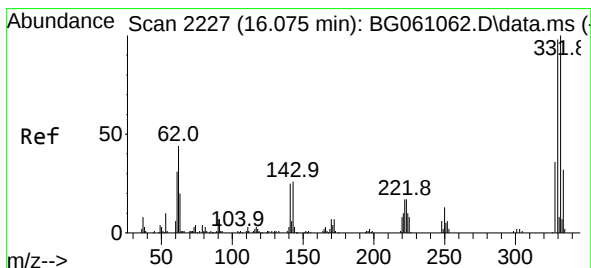
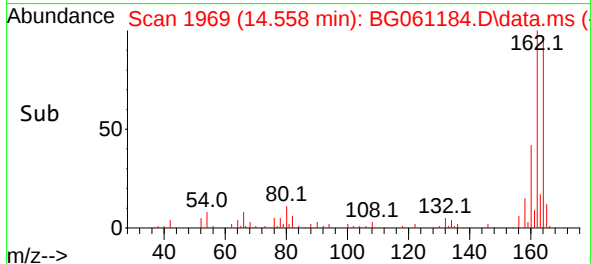
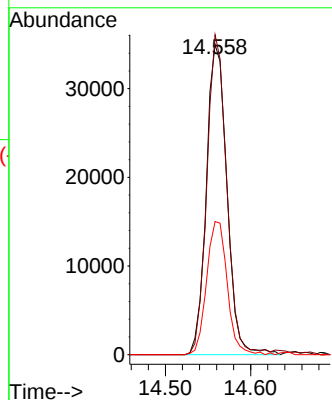
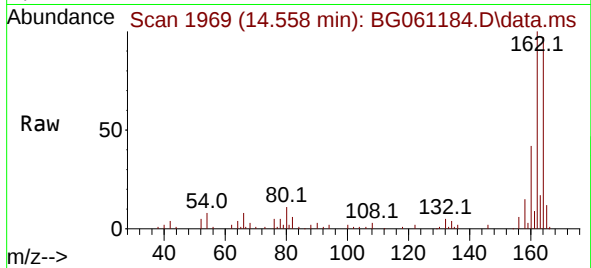




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1974
Delta R.T. -0.031 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

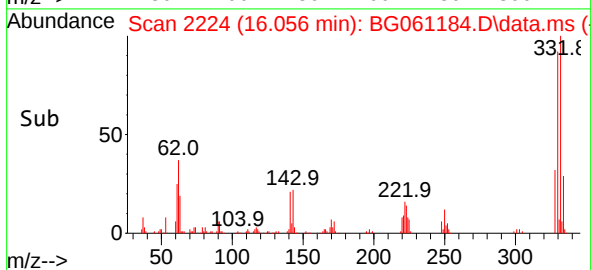
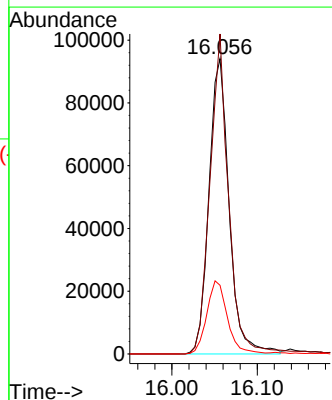
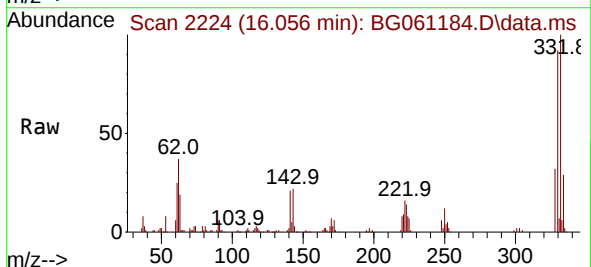
Instrument :
BNA_G
ClientSampleId :
PB160877BL

Tgt Ion:164 Resp: 58713
Ion Ratio Lower Upper
164 100
162 103.2 79.4 119.2
160 42.9 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 131.936 ng
RT: 16.056 min Scan# 2224
Delta R.T. -0.019 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

Tgt Ion:330 Resp: 154836
Ion Ratio Lower Upper
330 100
332 100.7 78.6 117.8
141 25.3 20.5 30.7

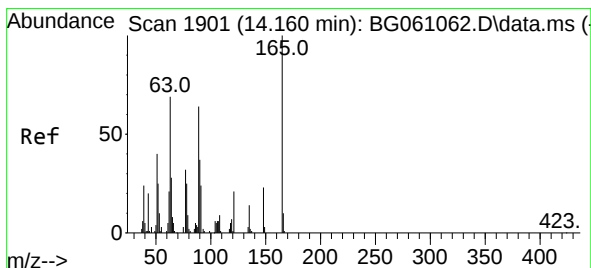
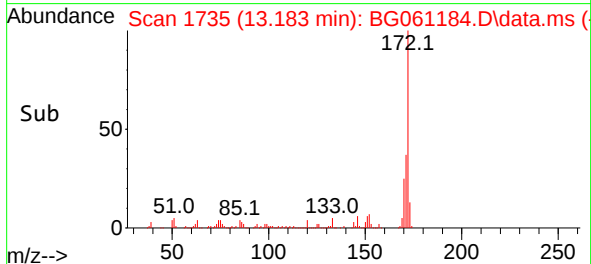
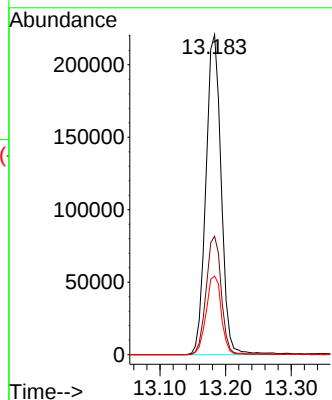
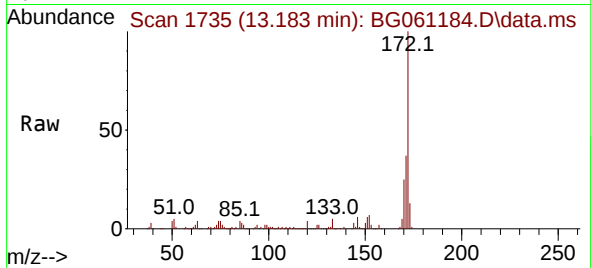




#45
2-Fluorobiphenyl
Concen: 90.224 ng
RT: 13.183 min Scan# 1735
Delta R.T. -0.025 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

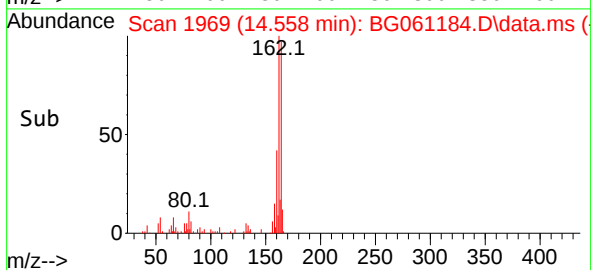
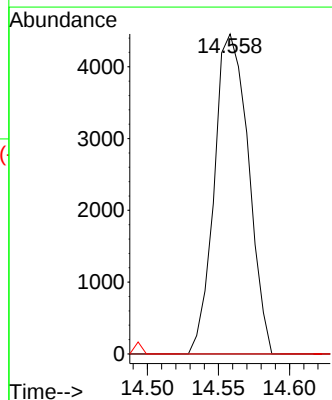
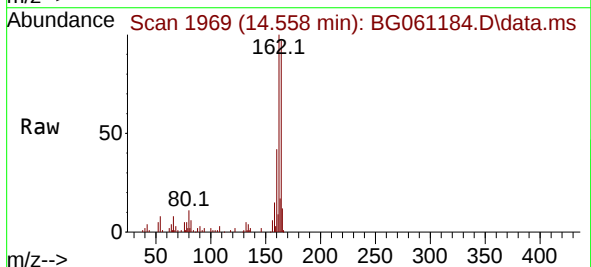
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ClientSampleId :
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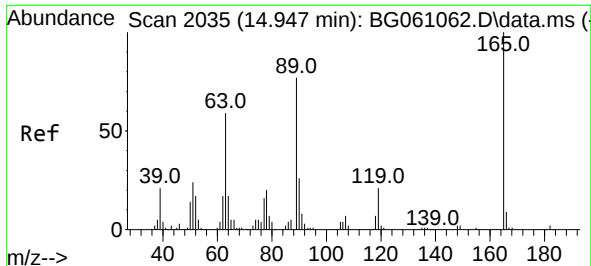
Tgt Ion:172 Resp: 358239
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 24.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.655 ng
RT: 14.558 min Scan# 1969
Delta R.T. 0.398 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

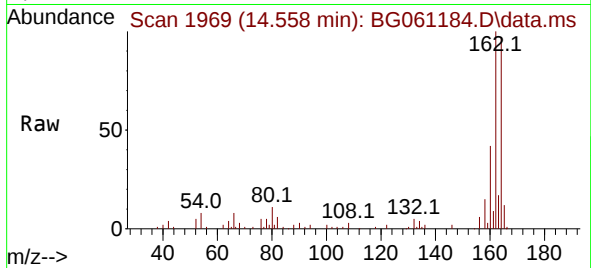
Tgt Ion:165 Resp: 7425
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



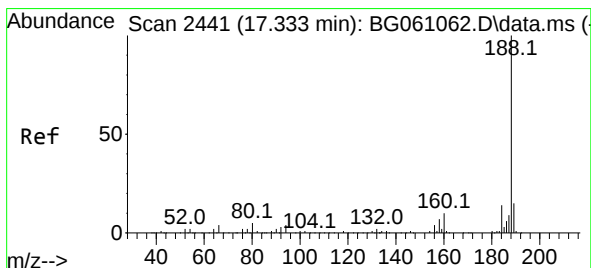
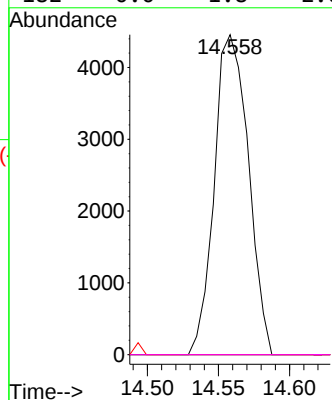
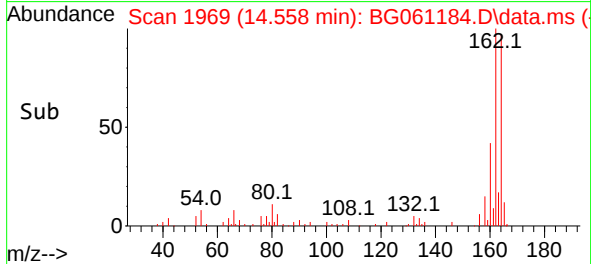


#57
2,4-Dinitrotoluene
Concen: 5.174 ng
RT: 14.558 min Scan# 1969
Delta R.T. -0.389 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

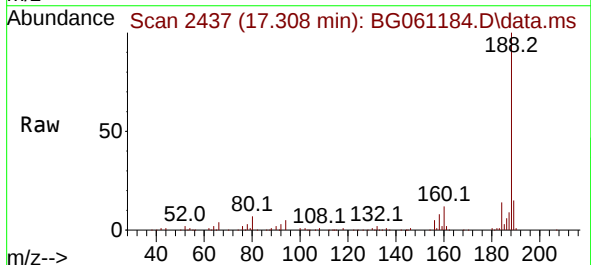
Instrument :
BNA_G
ClientSampleId :
PB160877BL



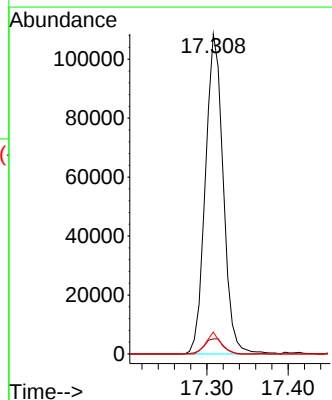
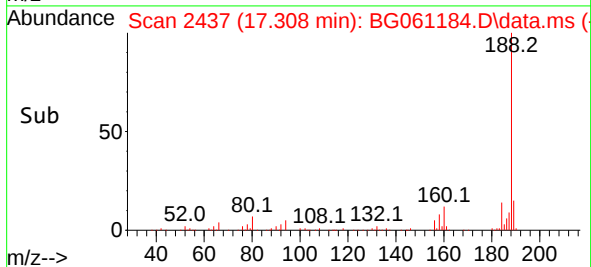
Tgt Ion:165 Resp: 7425
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 0.0 61.8 92.8#
182 0.0 1.8 2.6#

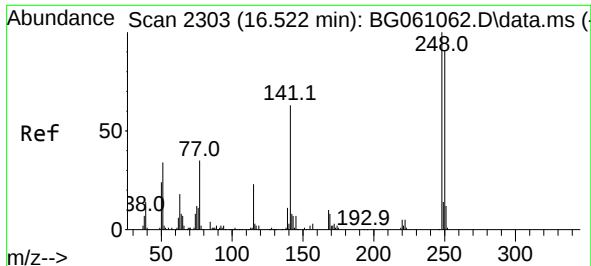


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.308 min Scan# 2437
Delta R.T. -0.025 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36



Tgt Ion:188 Resp: 165131
Ion Ratio Lower Upper
188 100
94 4.7 3.6 5.4
80 6.8 4.2 6.2#

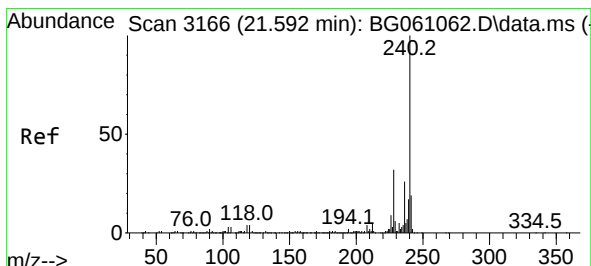
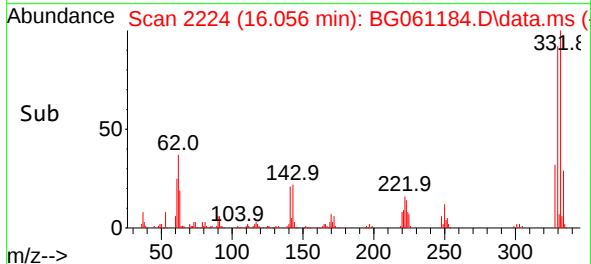
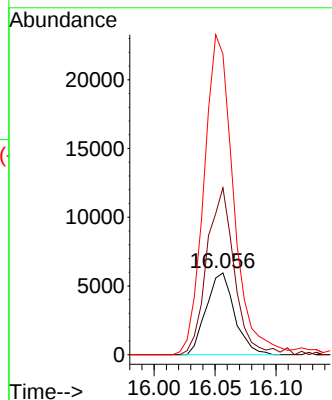
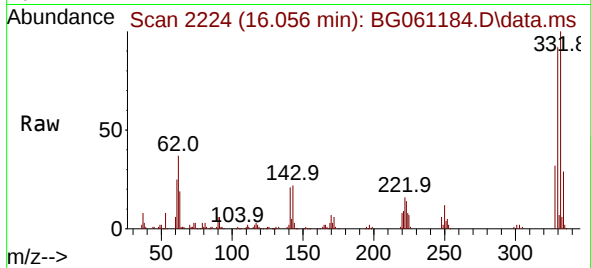




#67
4-Bromophenyl-phenylether
Concen: 4.918 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.466 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

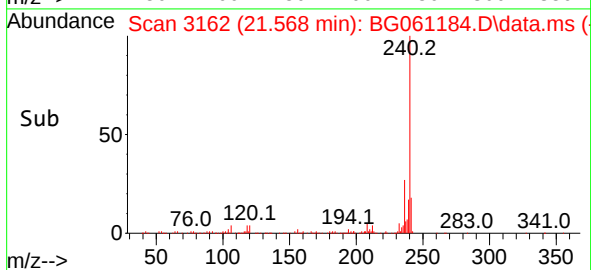
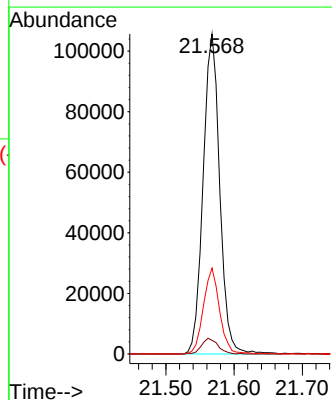
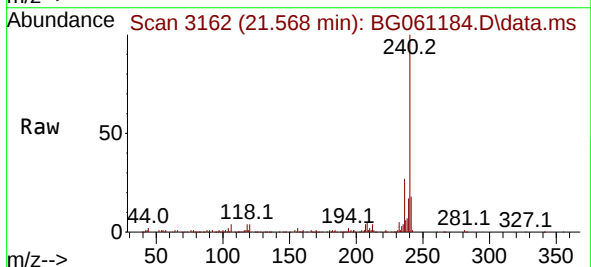
Instrument :
BNA_G
ClientSampleId :
PB160877BL

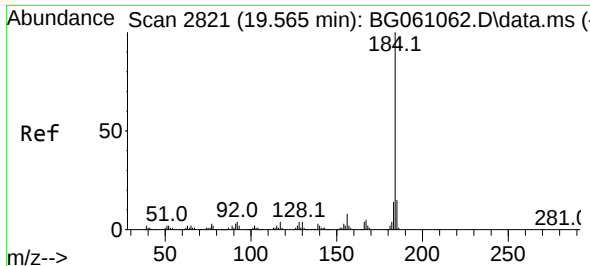
Tgt Ion:248 Resp: 9567
Ion Ratio Lower Upper
248 100
250 204.1 73.0 109.4#
141 367.8 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.025 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

Tgt Ion:240 Resp: 178667
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 26.8 21.0 31.6

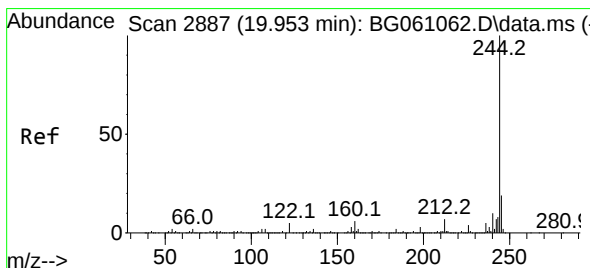
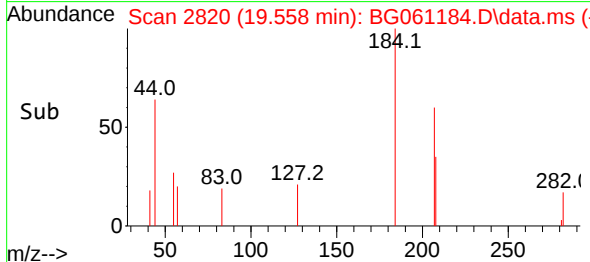
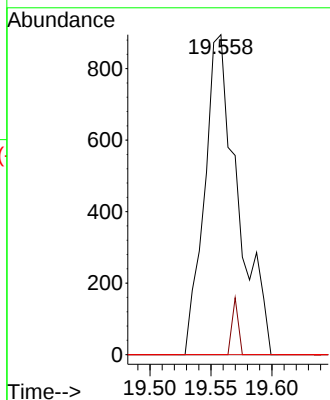
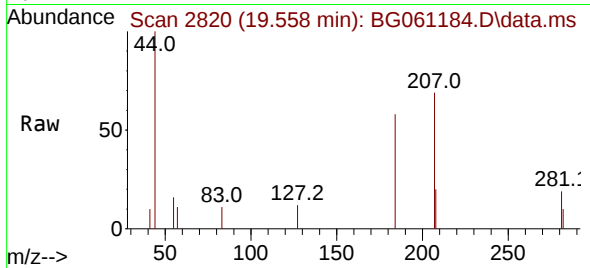




#77
Benzidine
Concen: 3.265 ng
RT: 19.558 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

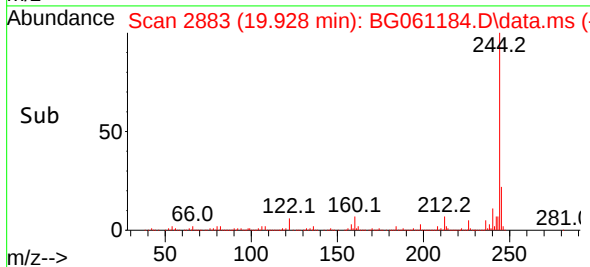
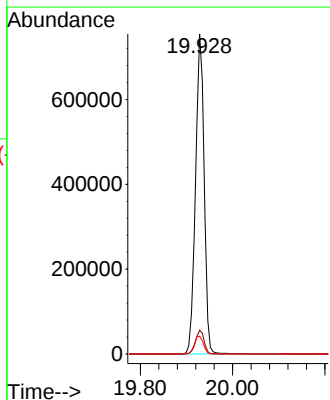
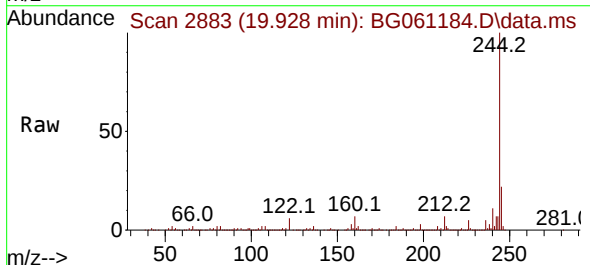
Instrument :
BNA_G
ClientSampleId :
PB160877BL

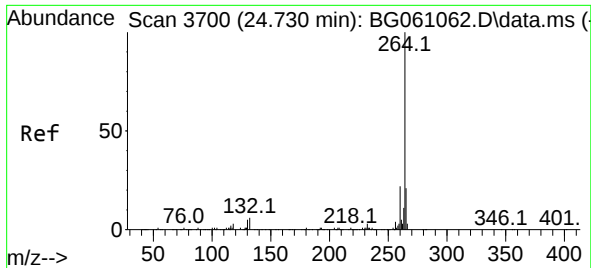
Tgt Ion:184 Resp: 1695
Ion Ratio Lower Upper
184 100
185 0.0 12.0 18.0#
183 0.0 10.9 16.3#



#79
Terphenyl-d14
Concen: 90.885 ng
RT: 19.928 min Scan# 2883
Delta R.T. -0.025 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

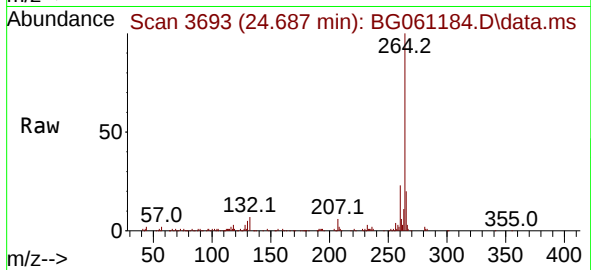
Tgt Ion:244 Resp: 976352
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 5.6 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.687 min Scan# 30
 Delta R.T. -0.043 min
 Lab File: BG061184.D
 Acq: 14 May 2024 10:36

Instrument :
 BNA_G
 ClientSampleId :
 PB160877BL



Tgt Ion:264 Resp: 208873
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.7 26.5
 265 20.2 16.4 24.6

