

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG043024\
 Data File : BG061067.D
 Acq On : 30 Apr 2024 17:02
 Operator : MA/JU
 Sample : PB160543BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160543BL

Quant Time: May 01 05:12:50 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)

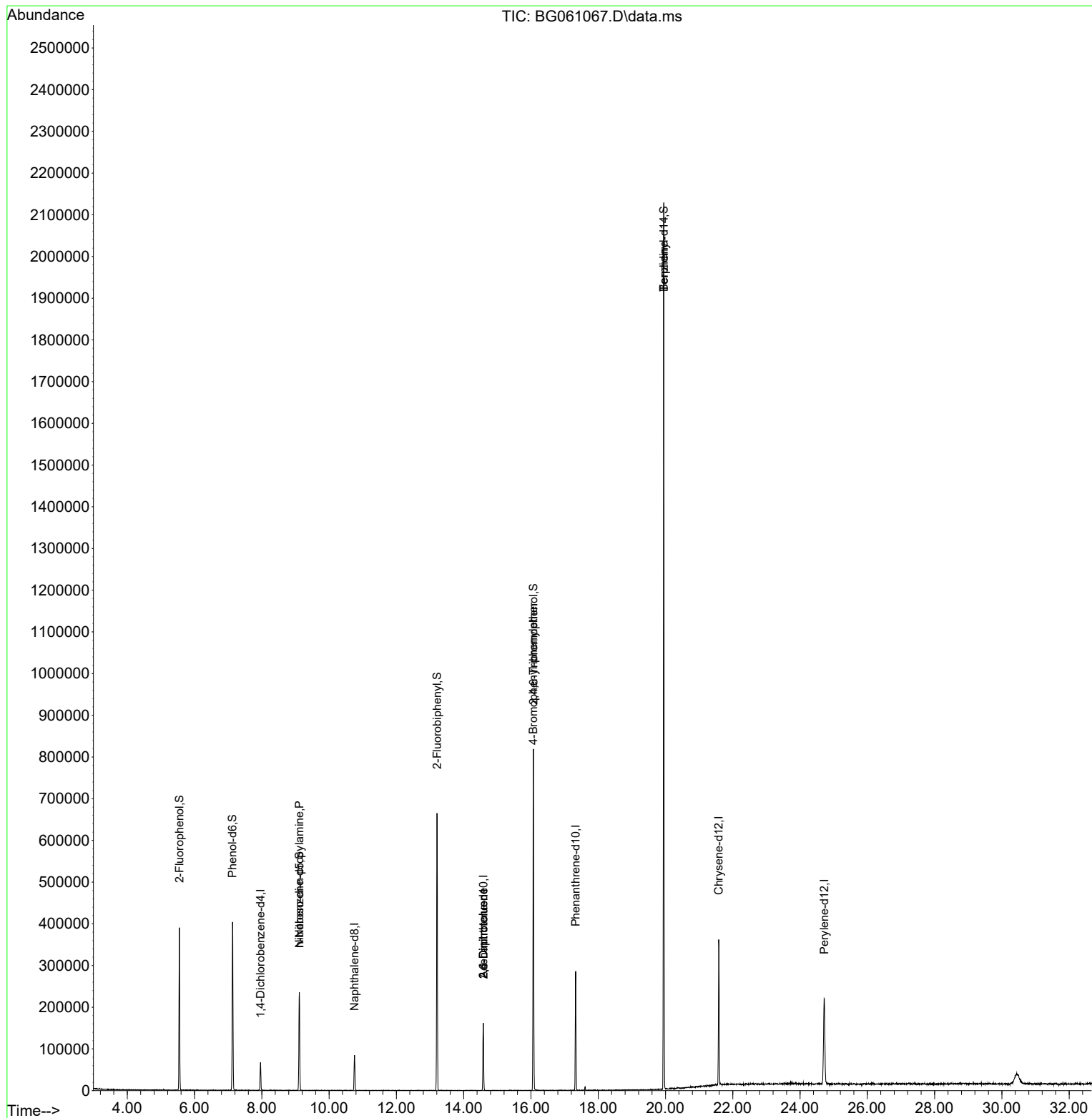
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	17169	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	68280	20.000	ng	# 0.00
39) Acenaphthene-d10	14.586	164	62239	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	184810	20.000	ng	0.00
76) Chrysene-d12	21.584	240	216862	20.000	ng	# 0.00
86) Perylene-d12	24.716	264	244209	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.550	112	128922	152.713	ng	0.00
7) Phenol-d6	7.130	99	176058	140.976	ng	0.00
23) Nitrobenzene-d5	9.116	82	118430	85.982	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	178518	143.498	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	357123	84.848	ng	0.00
79) Terphenyl-d14	19.951	244	1130005	86.661	ng	0.00
Target Compounds						
9) Benzaldehyde	7.136	77	406	Below Cal		Qvalue # 3
19) n-Nitroso-di-n-propyla...	9.116	70	17730	18.971	ng	# 65
51) 2,6-Dinitrotoluene	14.586	165	8141	7.917	ng	# 17
57) 2,4-Dinitrotoluene	14.586	165	8141	5.351	ng	# 18
67) 4-Bromophenyl-phenylether	16.067	248	11233	5.160	ng	# 1
77) Benzidine	19.951	184	17635	6.820	ng	# 85

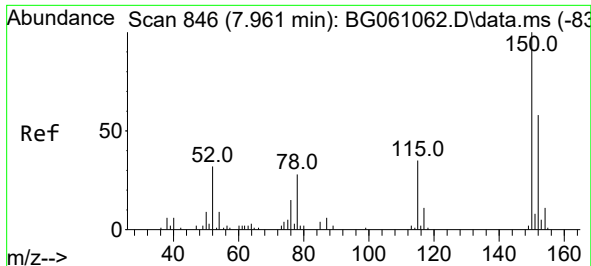
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

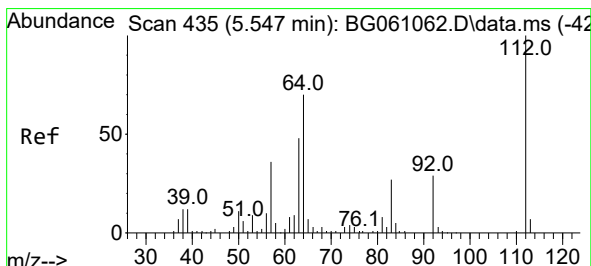
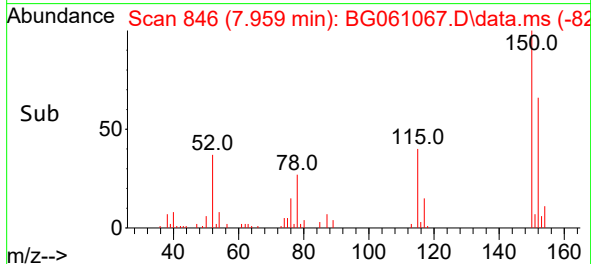
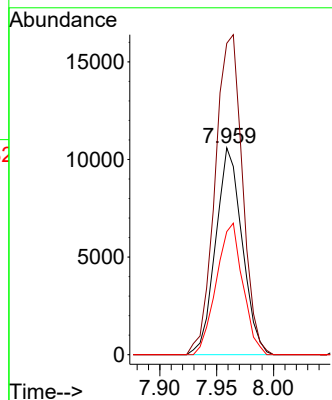
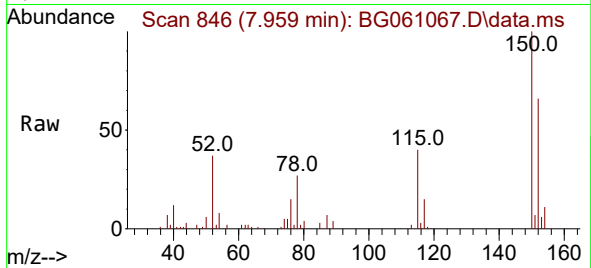




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

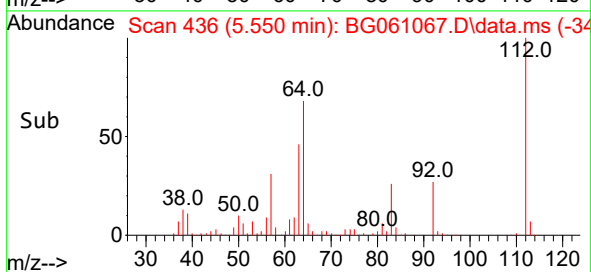
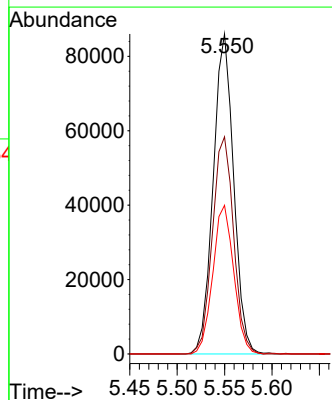
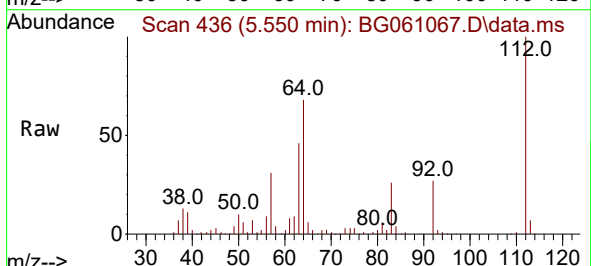
Instrument :
BNA_G
ClientSampleId :
PB160543BL

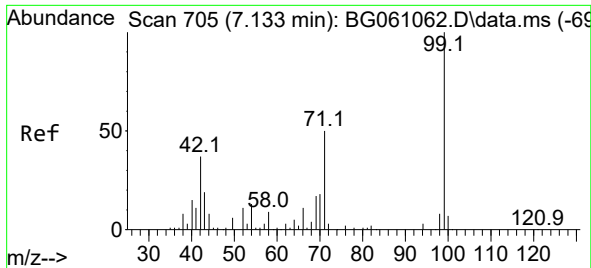
Tgt Ion:152 Resp: 17169
Ion Ratio Lower Upper
152 100
150 150.5 138.3 207.5
115 59.5 48.0 72.0



#5
2-Fluorophenol
Concen: 152.713 ng
RT: 5.550 min Scan# 436
Delta R.T. 0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

Tgt Ion:112 Resp: 128922
Ion Ratio Lower Upper
112 100
64 67.9 55.7 83.5
63 46.5 38.1 57.1

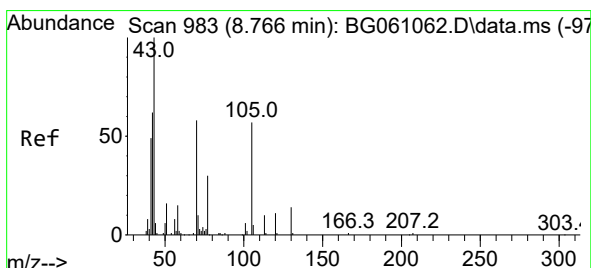
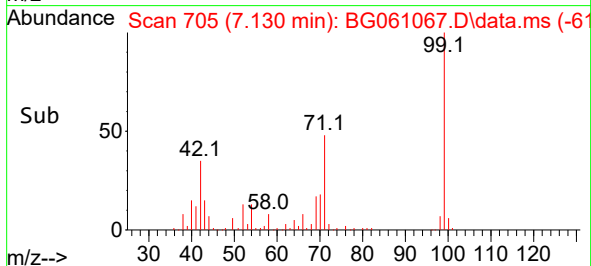
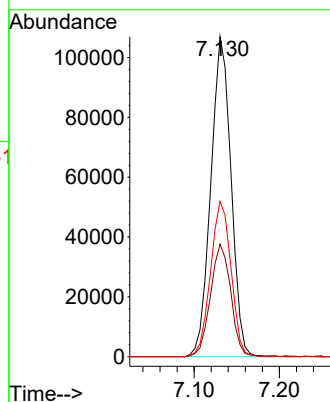
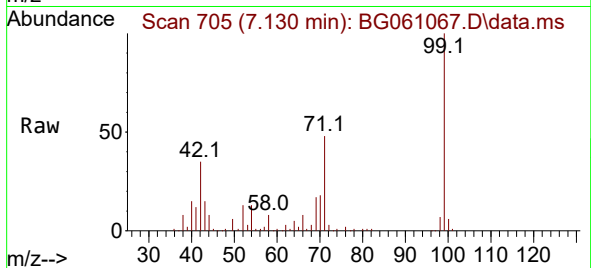




#7
Phenol-d6
Concen: 140.976 ng
RT: 7.130 min Scan# 705
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

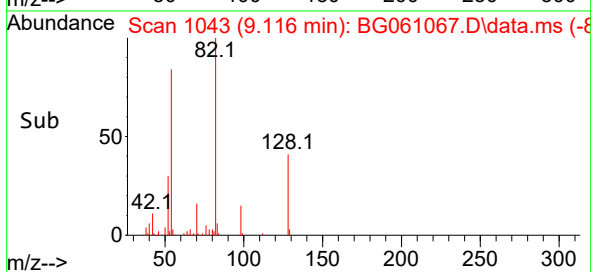
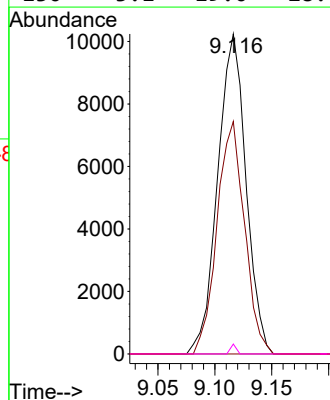
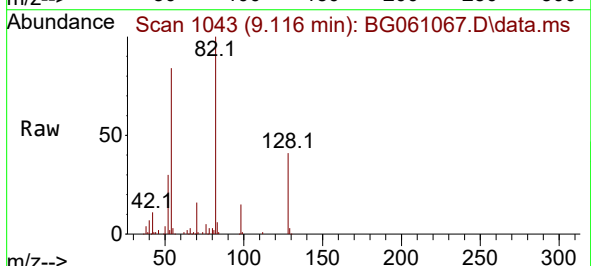
Instrument :
BNA_G
ClientSampleId :
PB160543BL

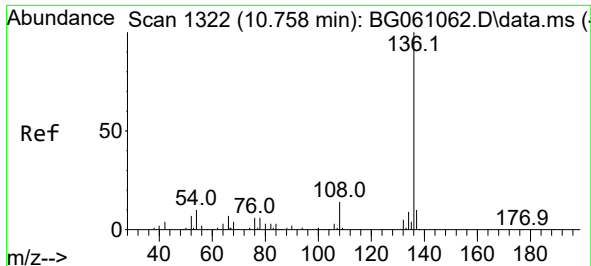
Tgt Ion: 99 Resp: 176058
Ion Ratio Lower Upper
99 100
42 35.2 29.2 43.8
71 48.5 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.971 ng
RT: 9.116 min Scan# 1043
Delta R.T. 0.350 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

Tgt Ion: 70 Resp: 17730
Ion Ratio Lower Upper
70 100
42 72.7 86.4 129.6#
101 0.0 7.8 11.8#
130 3.1 19.0 28.4#

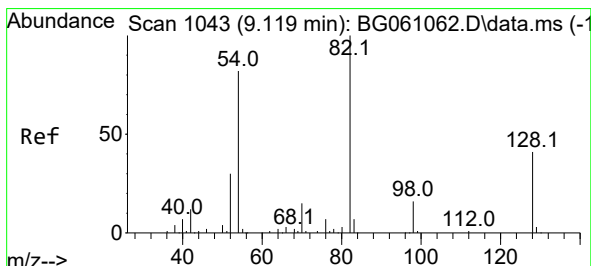
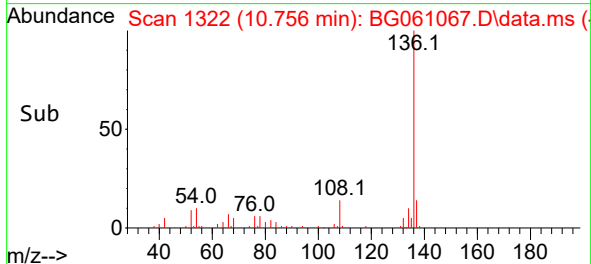
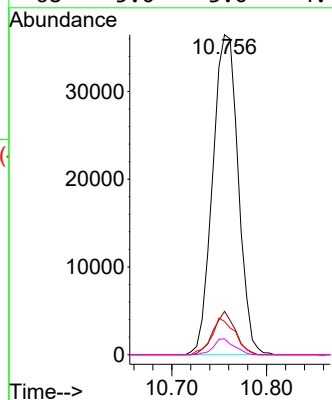
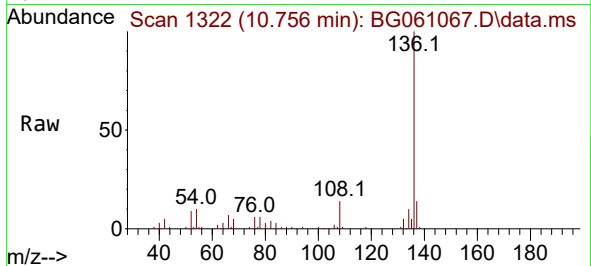




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

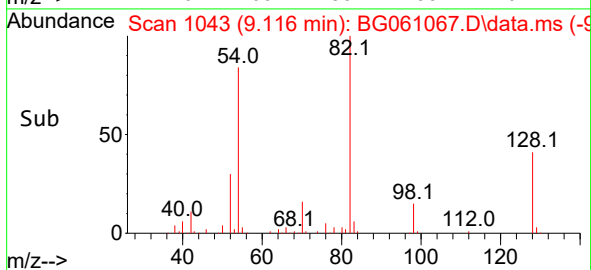
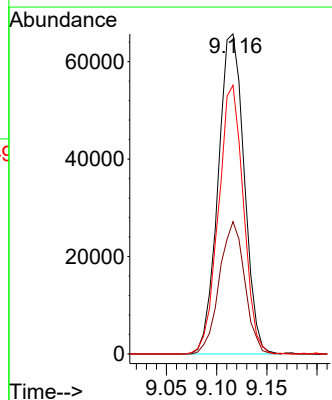
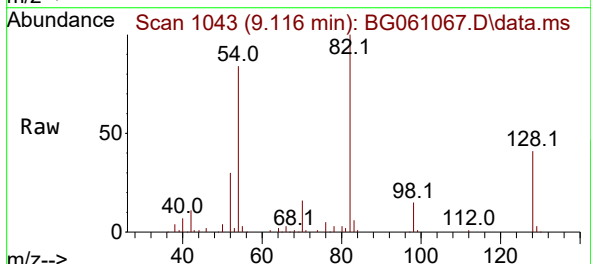
Instrument :
BNA_G
ClientSampleId :
PB160543BL

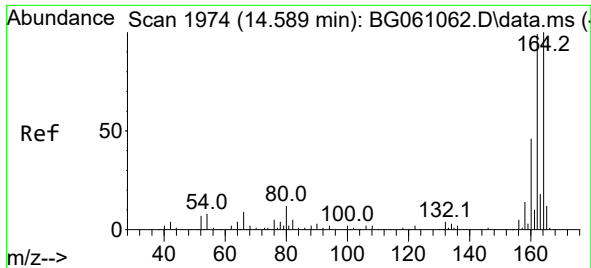
Tgt Ion:136 Resp: 68280
Ion Ratio Lower Upper
136 100
137 13.5 7.8 11.6#
54 10.4 8.1 12.1
68 5.0 3.0 4.4#



#23
Nitrobenzene-d5
Concen: 85.982 ng
RT: 9.116 min Scan# 1043
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

Tgt Ion: 82 Resp: 118430
Ion Ratio Lower Upper
82 100
128 41.4 32.7 49.1
54 84.0 65.6 98.4

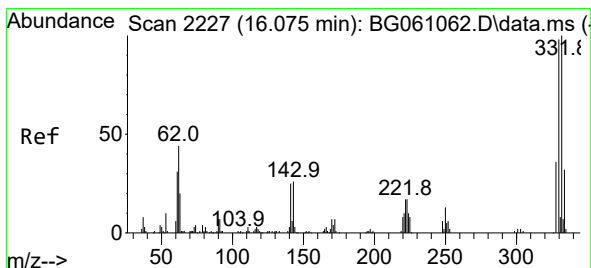
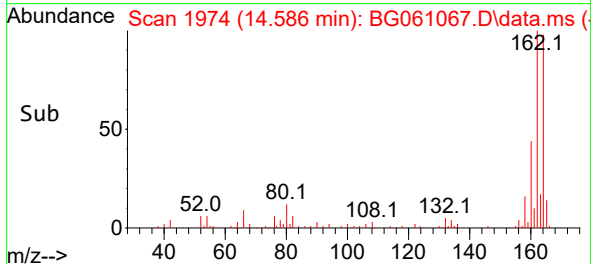
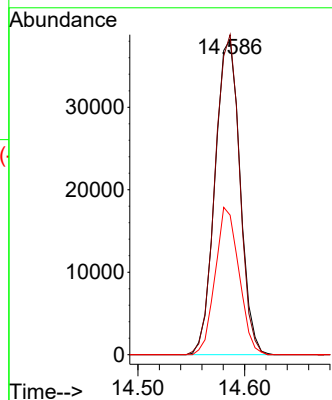
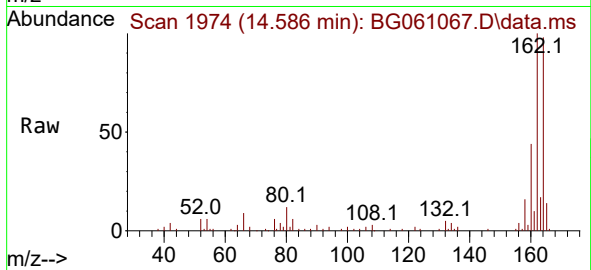




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

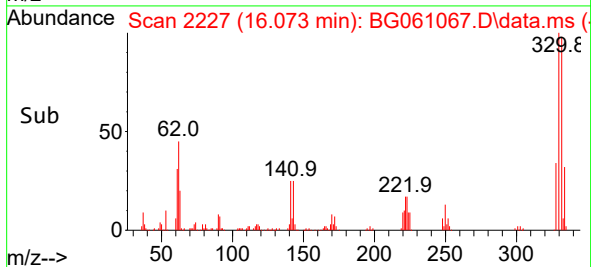
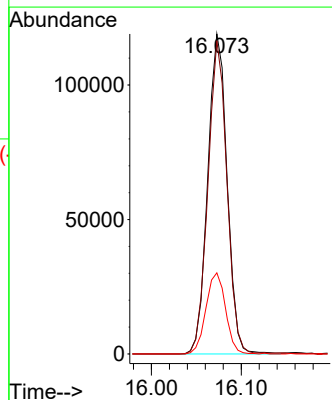
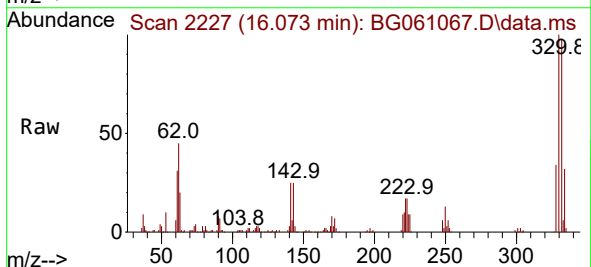
Instrument :
BNA_G
ClientSampleId :
PB160543BL

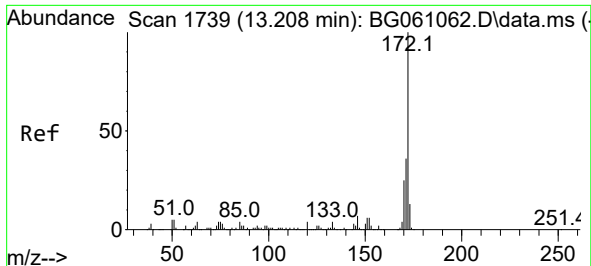
Tgt Ion:164 Resp: 62239
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 44.3 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 143.498 ng
RT: 16.073 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

Tgt Ion:330 Resp: 178518
Ion Ratio Lower Upper
330 100
332 95.8 78.6 117.8
141 25.6 20.5 30.7

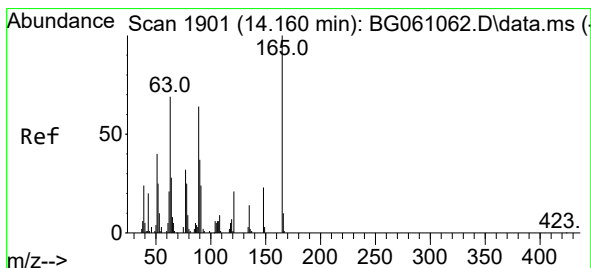
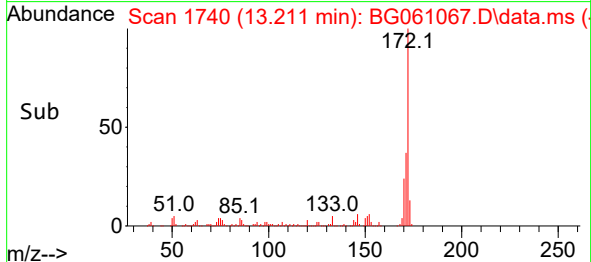
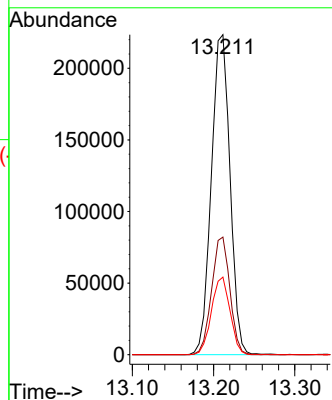
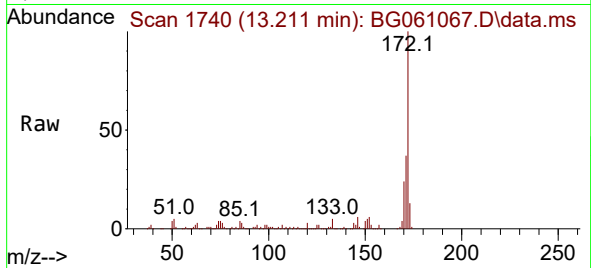




#45
2-Fluorobiphenyl
Concen: 84.848 ng
RT: 13.211 min Scan# 1740
Delta R.T. 0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

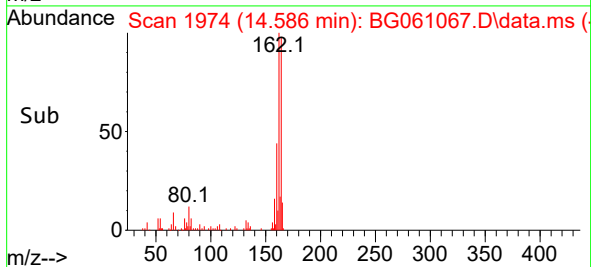
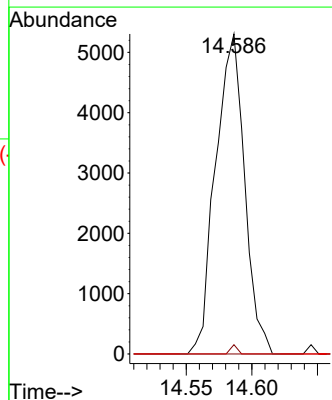
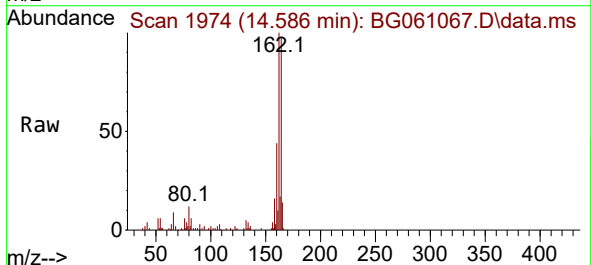
Instrument :
BNA_G
ClientSampleId :
PB160543BL

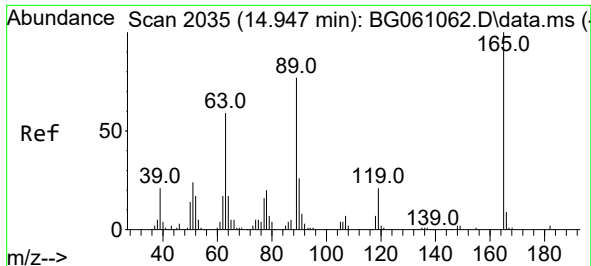
Tgt Ion:172 Resp: 357123
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.6
170 24.3 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.917 ng
RT: 14.586 min Scan# 1974
Delta R.T. 0.426 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

Tgt Ion:165 Resp: 8141
Ion Ratio Lower Upper
165 100
63 2.9 60.0 90.0#
89 0.0 50.9 76.3#





#57

2,4-Dinitrotoluene

Concen: 5.351 ng

RT: 14.586 min Scan# 1974

Delta R.T. -0.361 min

Lab File: BG061067.D

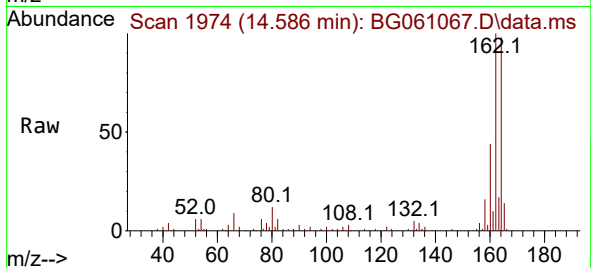
Acq: 30 Apr 2024 17:02

Instrument :

BNA_G

ClientSampleId :

PB160543BL



Tgt Ion:165 Resp: 8141

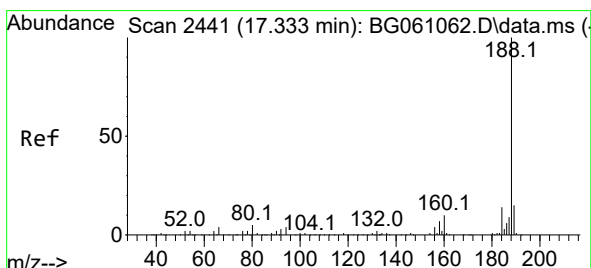
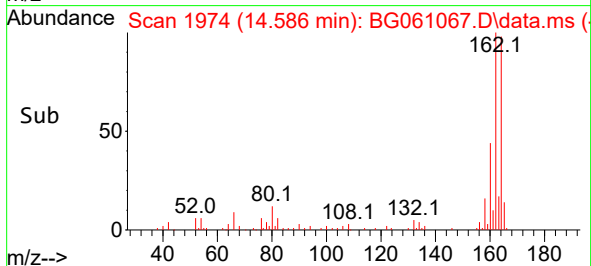
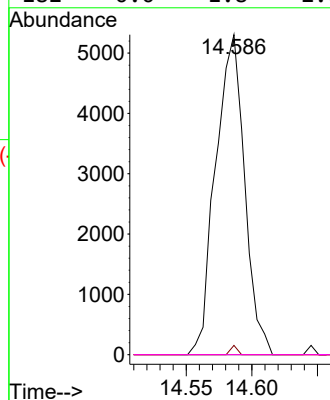
Ion Ratio Lower Upper

165 100

63 2.9 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: 17.330 min Scan# 2441

Delta R.T. -0.003 min

Lab File: BG061067.D

Acq: 30 Apr 2024 17:02

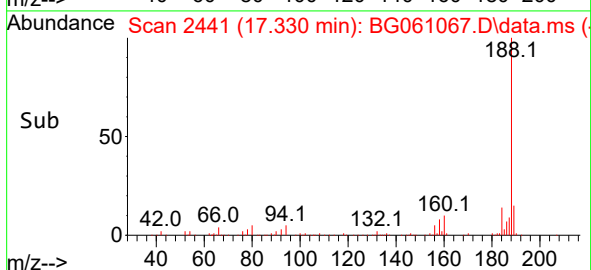
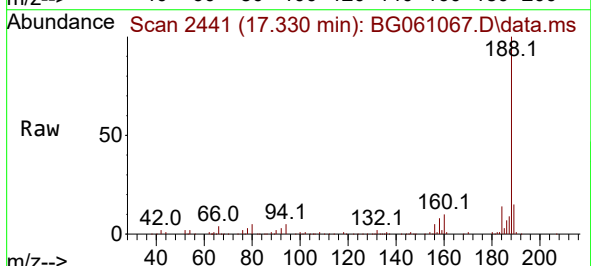
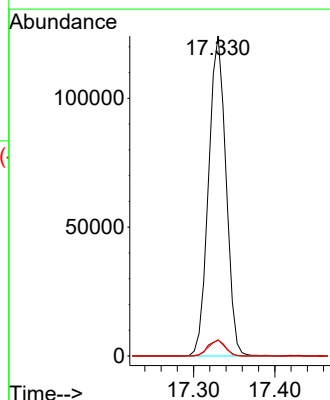
Tgt Ion:188 Resp: 184810

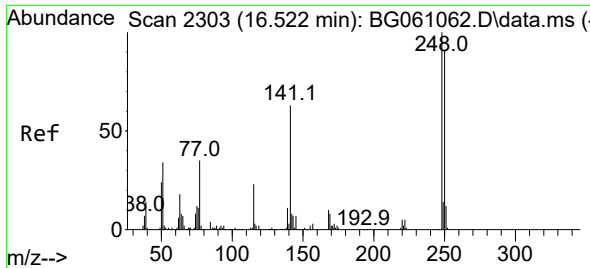
Ion Ratio Lower Upper

188 100

94 5.0 3.6 5.4

80 4.9 4.2 6.2

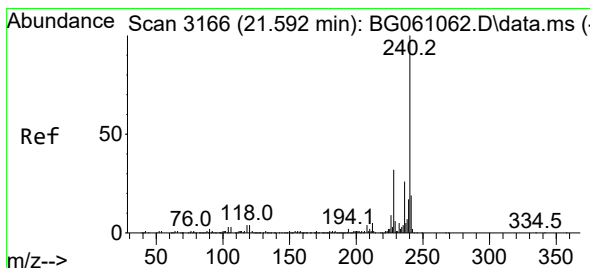
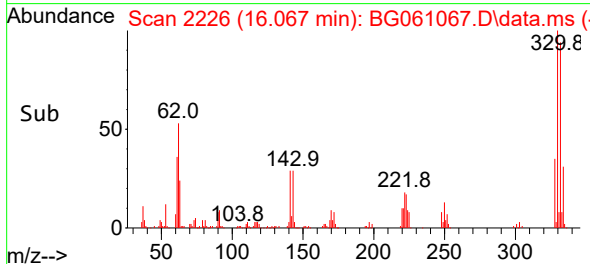
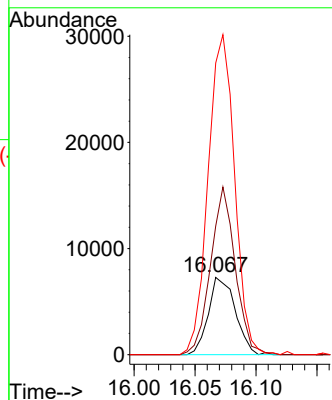
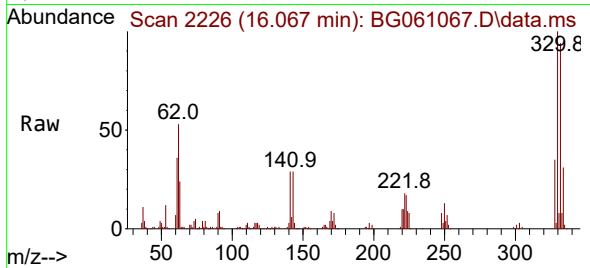




#67
4-Bromophenyl-phenylether
Concen: 5.160 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.455 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

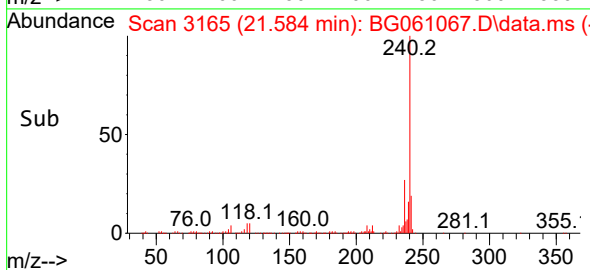
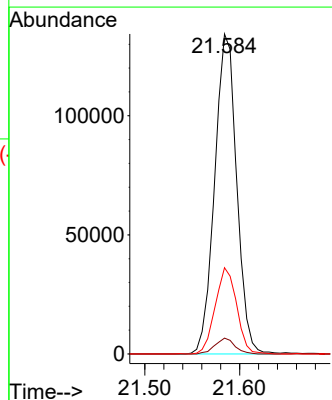
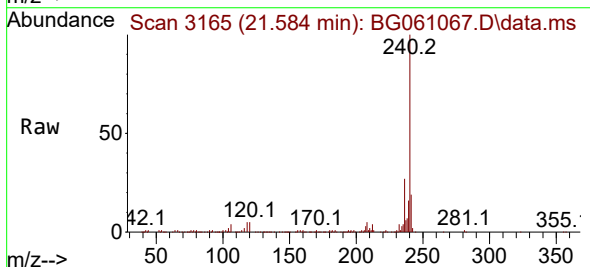
Instrument :
BNA_G
ClientSampleId :
PB160543BL

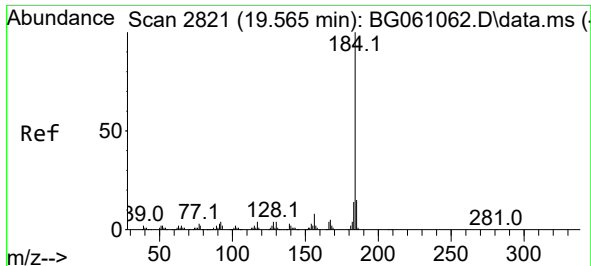
Tgt Ion:248 Resp: 11233
Ion Ratio Lower Upper
248 100
250 166.5 73.0 109.4#
141 377.4 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3165
Delta R.T. -0.008 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

Tgt Ion:240 Resp: 216862
Ion Ratio Lower Upper
240 100
120 4.9 3.2 4.8#
236 26.9 21.0 31.6

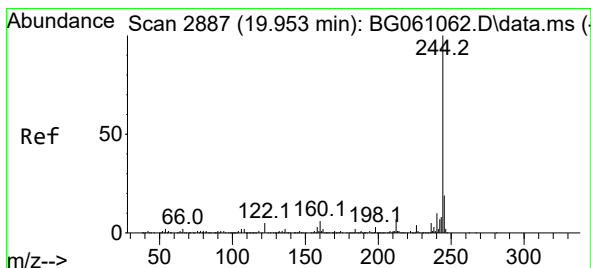
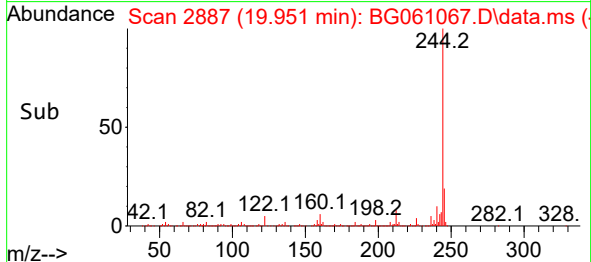
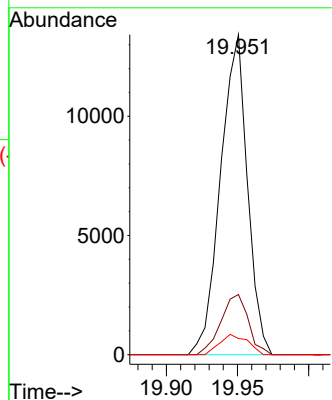
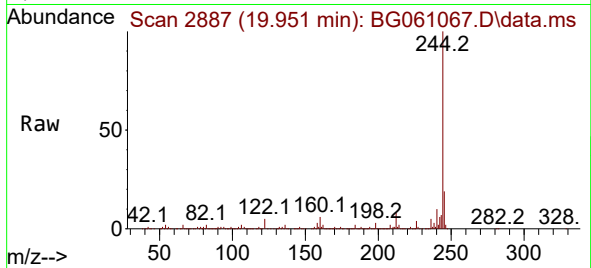




#77
Benzidine
Concen: 6.820 ng
RT: 19.951 min Scan# 2887
Delta R.T. 0.386 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

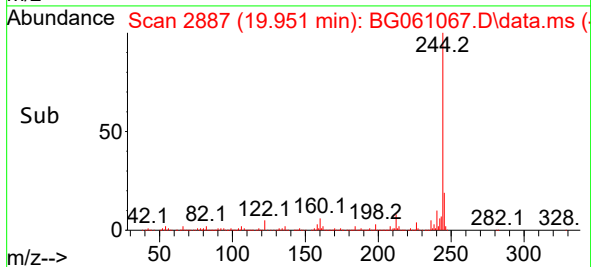
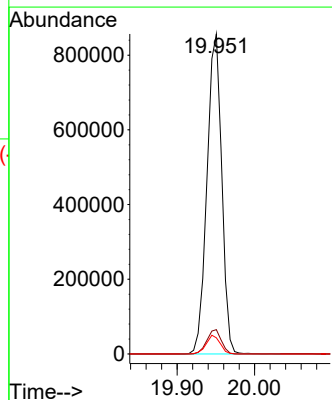
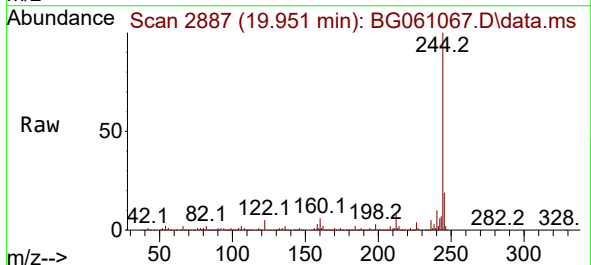
Instrument :
BNA_G
ClientSampleId :
PB160543BL

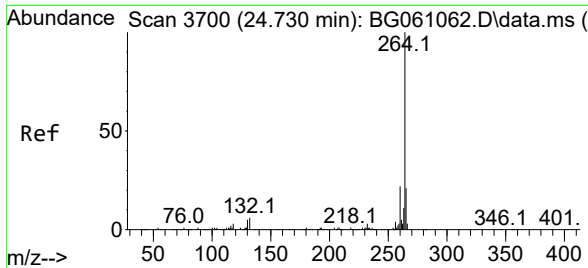
Tgt Ion:184 Resp: 17635
Ion Ratio Lower Upper
184 100
185 18.8 12.0 18.0#
183 5.0 10.9 16.3#



#79
Terphenyl-d14
Concen: 86.661 ng
RT: 19.951 min Scan# 2887
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

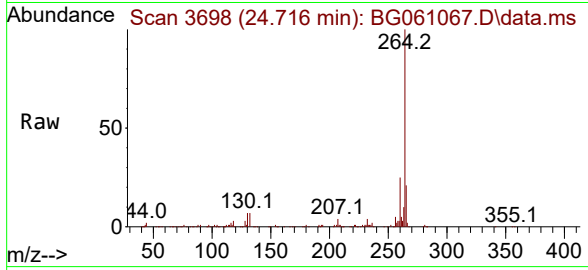
Tgt Ion:244 Resp: 1130005
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 5.1 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.716 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG061067.D
 Acq: 30 Apr 2024 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB160543BL



Tgt Ion:264 Resp: 244209
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.7 26.5
 265 20.9 16.4 24.6

