

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061217.D
 Acq On : 16 May 2024 12:15
 Operator : MA/JU
 Sample : PB160933BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160933BL

Quant Time: May 16 12:54:06 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)

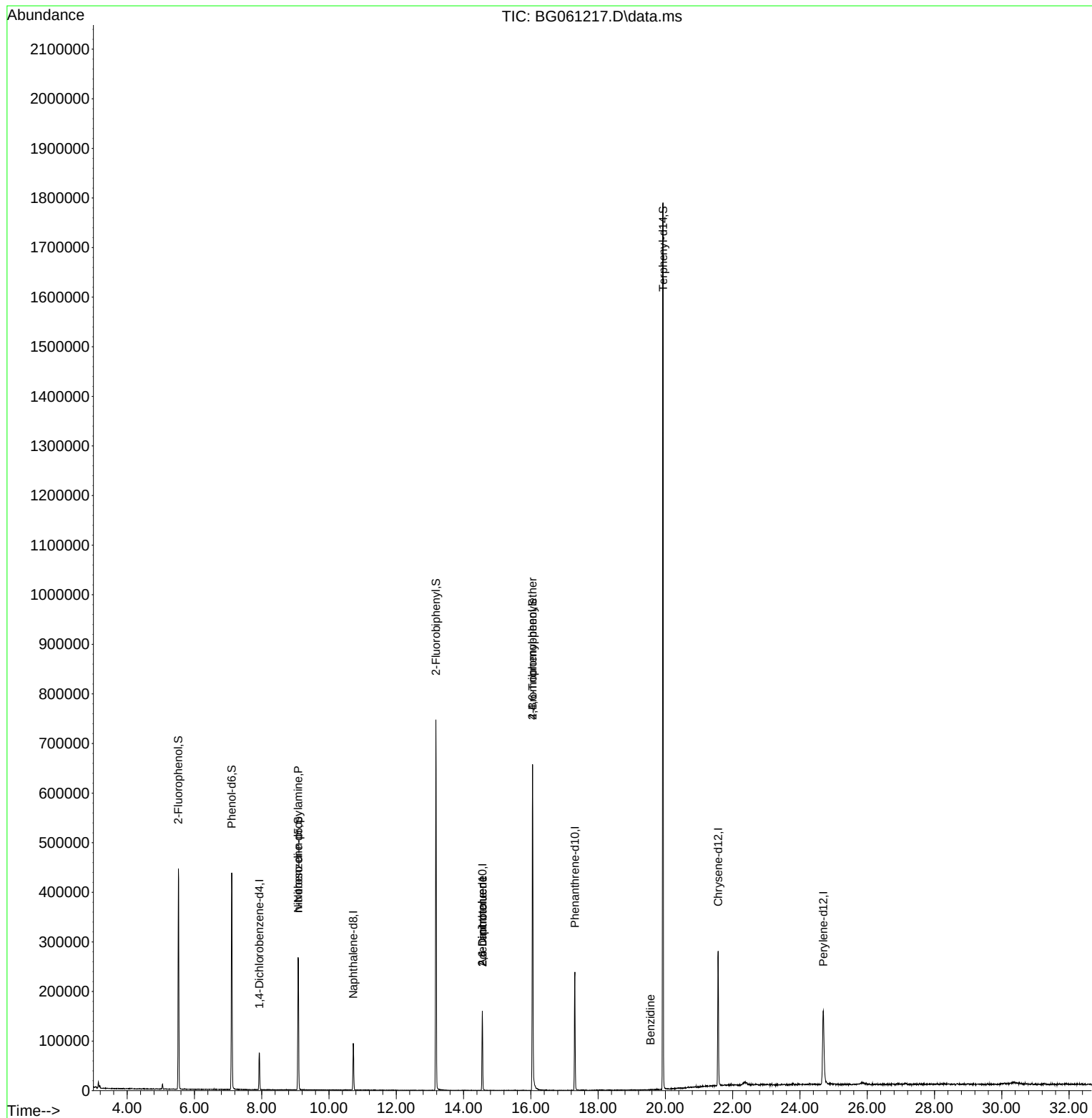
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	19319	20.000	ng	-0.03
21) Naphthalene-d8	10.723	136	73463	20.000	ng	#-0.04
39) Acenaphthene-d10	14.560	164	60773	20.000	ng	-0.03
64) Phenanthrene-d10	17.309	188	162968	20.000	ng	-0.02
76) Chrysene-d12	21.569	240	177430	20.000	ng	#-0.02
86) Perylene-d12	24.695	264	207198	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	150135	158.049	ng	-0.02
7) Phenol-d6	7.110	99	197558	140.586	ng	-0.02
23) Nitrobenzene-d5	9.084	82	140330	94.694	ng	-0.04
42) 2,4,6-Tribromophenol	16.052	330	160964	132.508	ng	-0.02
45) 2-Fluorobiphenyl	13.179	172	380197	92.509	ng	-0.03
79) Terphenyl-d14	19.930	244	969495	90.876	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.104	77	419	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.084	70	21132	20.094	ng	# 65
51) 2,6-Dinitrotoluene	14.560	165	7513	7.483	ng	# 15
57) 2,4-Dinitrotoluene	14.560	165	7513	5.058	ng	# 17
67) 4-Bromophenyl-phenylether	16.052	248	9592	4.996	ng	# 1
77) Benzidine	19.560	184	468	2.926	ng	# 65

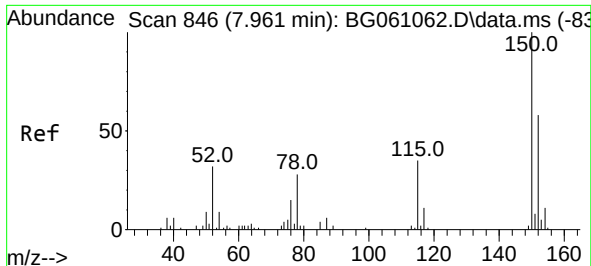
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061217.D
Acq On : 16 May 2024 12:15
Operator : MA/JU
Sample : PB160933BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160933BL

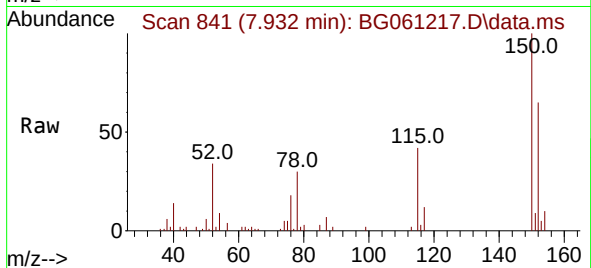
Quant Time: May 16 12:54:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



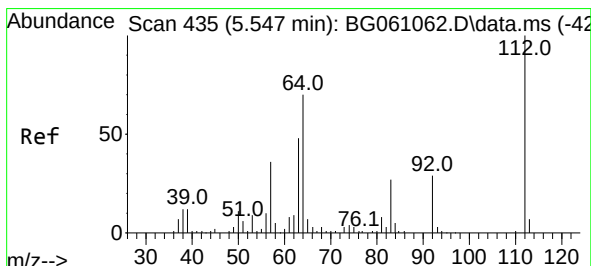
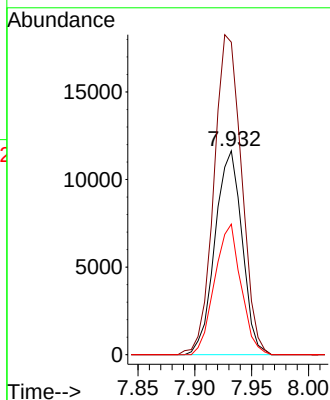
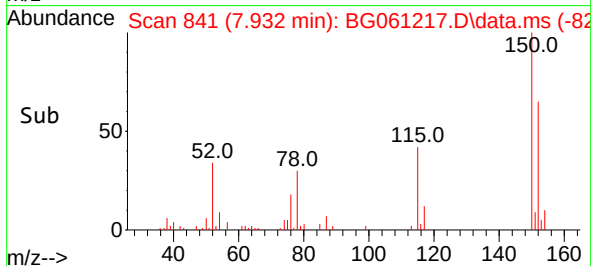


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 846
Delta R.T. -0.029 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

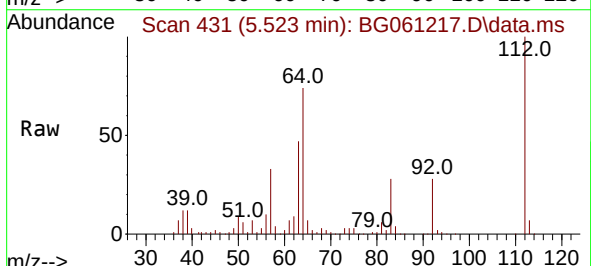
Instrument :
BNA_G
ClientSampleId :
PB160933BL



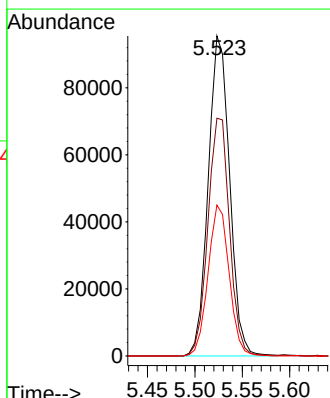
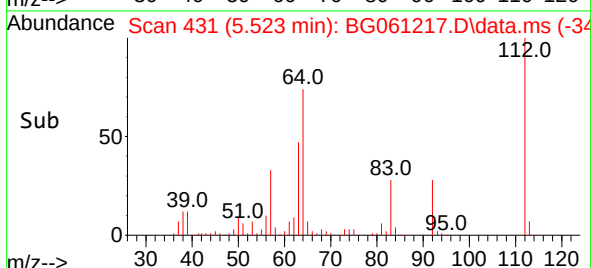
Tgt Ion:152 Resp: 19319
Ion Ratio Lower Upper
152 100
150 153.3 138.3 207.5
115 64.0 48.0 72.0

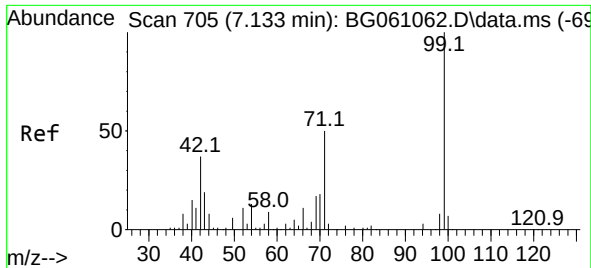


#5
2-Fluorophenol
Concen: 158.049 ng
RT: 5.523 min Scan# 431
Delta R.T. -0.023 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15



Tgt Ion:112 Resp: 150135
Ion Ratio Lower Upper
112 100
64 74.3 55.7 83.5
63 47.1 38.1 57.1

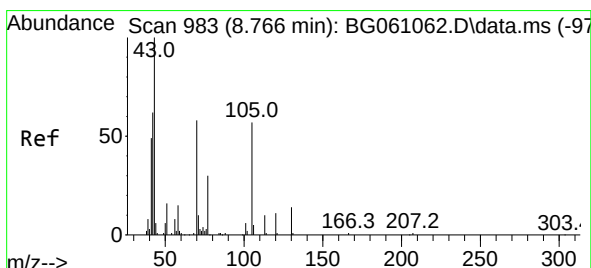
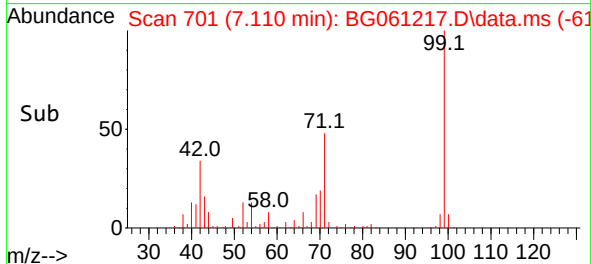
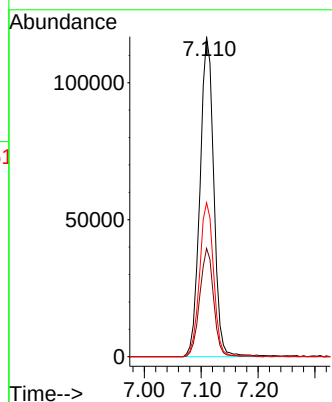
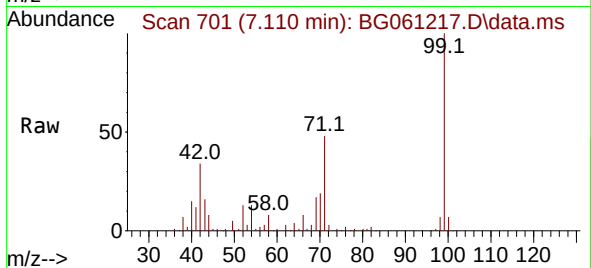




#7
Phenol-d6
Concen: 140.586 ng
RT: 7.110 min Scan# 705
Delta R.T. -0.023 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

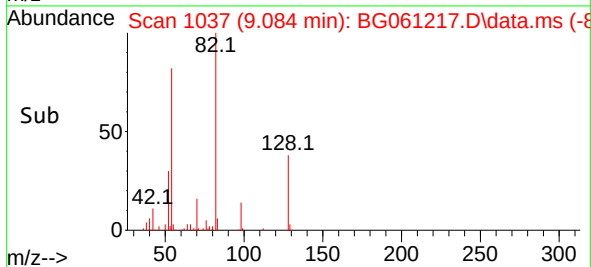
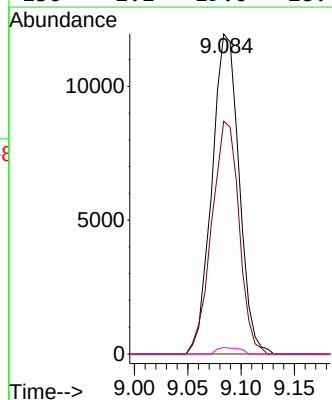
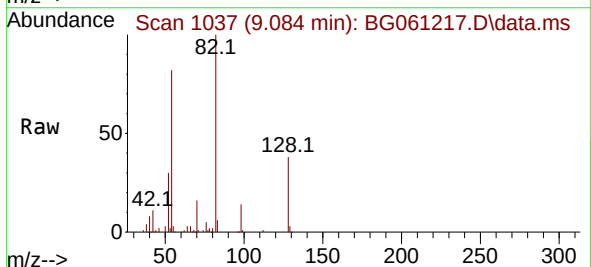
Instrument :
BNA_G
ClientSampleId :
PB160933BL

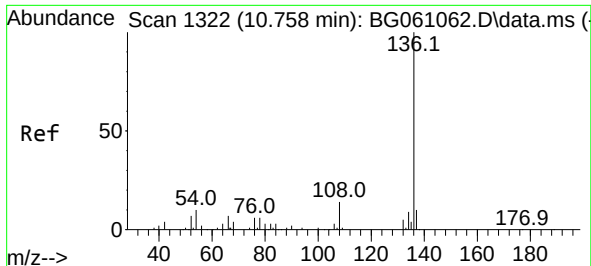
Tgt Ion: 99 Resp: 197558
Ion Ratio Lower Upper
99 100
42 33.9 29.2 43.8
71 48.1 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.094 ng
RT: 9.084 min Scan# 1037
Delta R.T. 0.317 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

Tgt Ion: 70 Resp: 21132
Ion Ratio Lower Upper
70 100
42 72.7 86.4 129.6#
101 0.0 7.8 11.8#
130 2.1 19.0 28.4#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.035 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

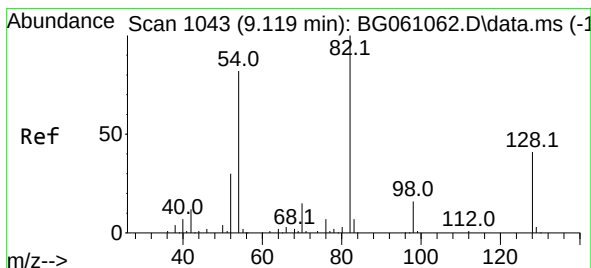
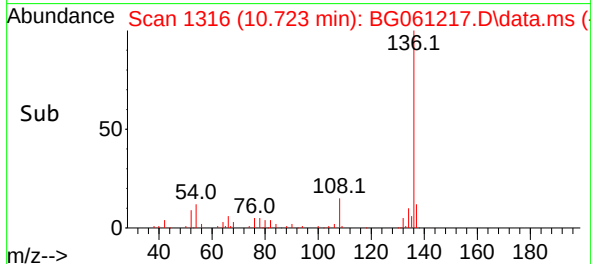
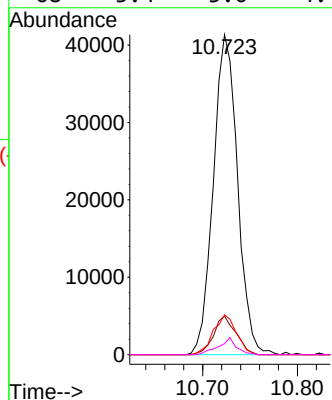
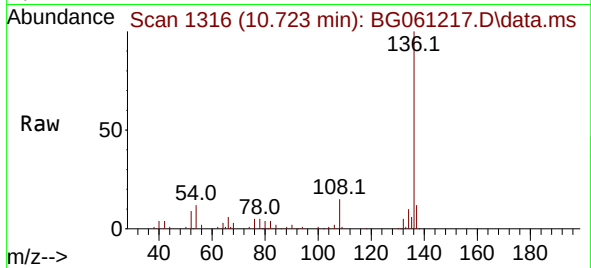
Instrument :

BNA_G

ClientSampleId :

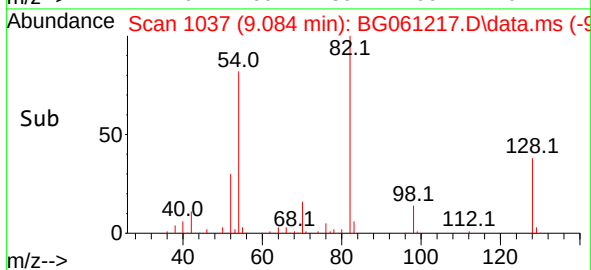
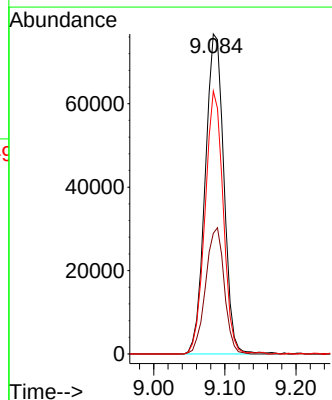
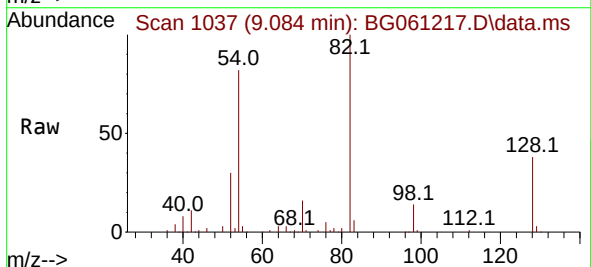
PB160933BL

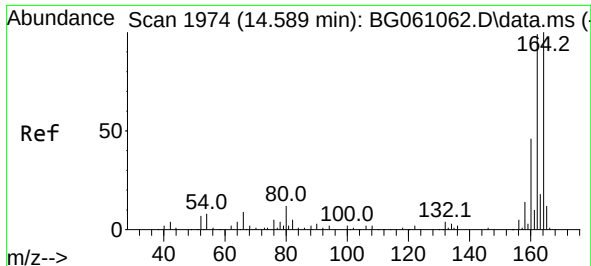
Tgt Ion:136 Resp: 73463
Ion Ratio Lower Upper
136 100
137 12.0 7.8 11.6#
54 12.5 8.1 12.1#
68 3.4 3.0 4.4



#23
Nitrobenzene-d5
Concen: 94.694 ng
RT: 9.084 min Scan# 1037
Delta R.T. -0.035 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

Tgt Ion: 82 Resp: 140330
Ion Ratio Lower Upper
82 100
128 37.7 32.7 49.1
54 82.2 65.6 98.4

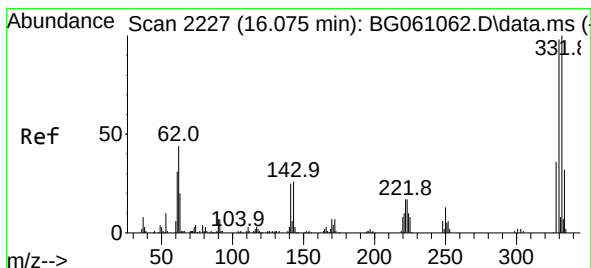
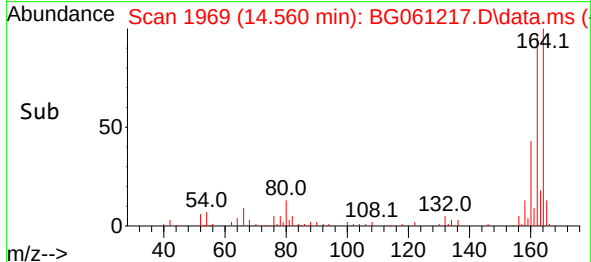
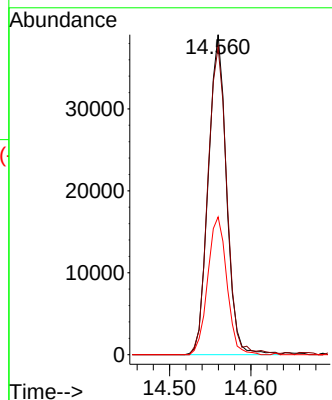
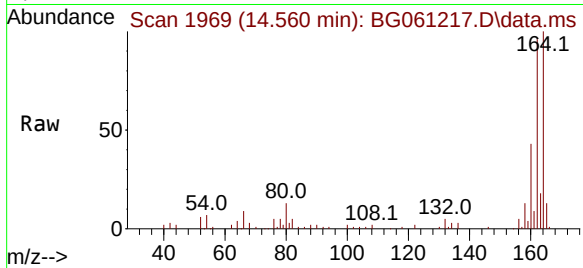




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1974
Delta R.T. -0.029 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

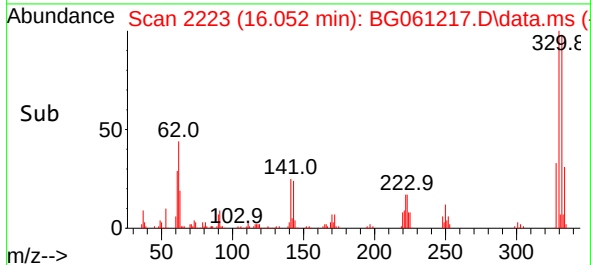
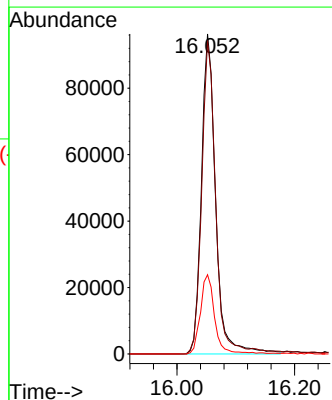
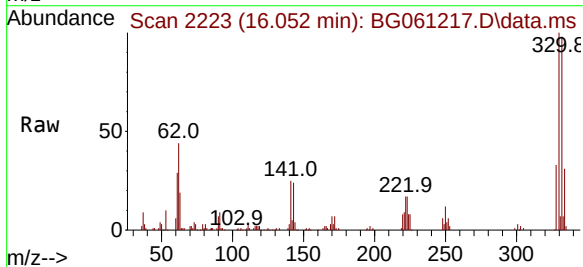
Instrument :
BNA_G
ClientSampleId :
PB160933BL

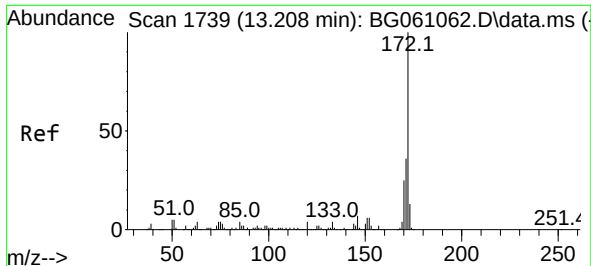
Tgt Ion:164 Resp: 60773
Ion Ratio Lower Upper
164 100
162 96.2 79.4 119.2
160 43.0 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 132.508 ng
RT: 16.052 min Scan# 2223
Delta R.T. -0.023 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

Tgt Ion:330 Resp: 160964
Ion Ratio Lower Upper
330 100
332 94.9 78.6 117.8
141 25.0 20.5 30.7

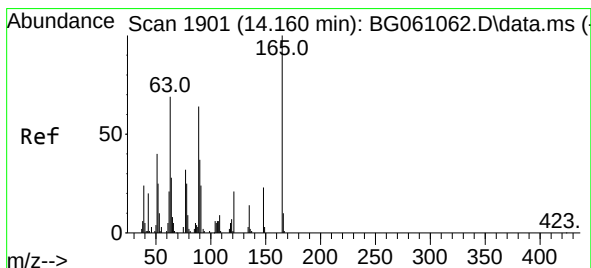
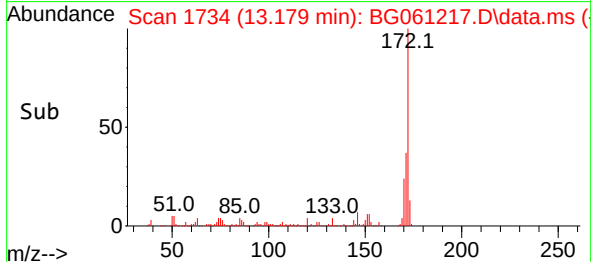
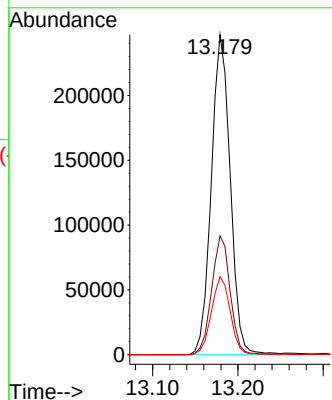
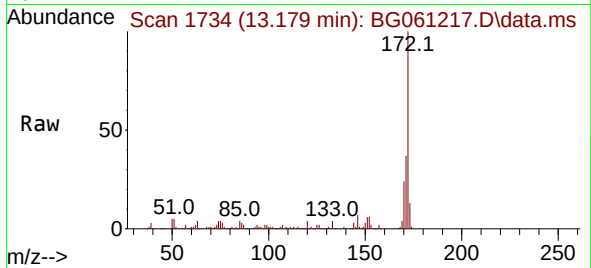




#45
2-Fluorobiphenyl
Concen: 92.509 ng
RT: 13.179 min Scan# 1739
Delta R.T. -0.029 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

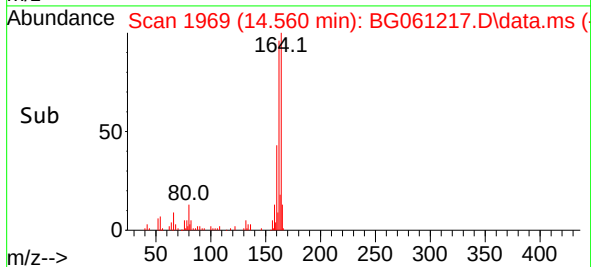
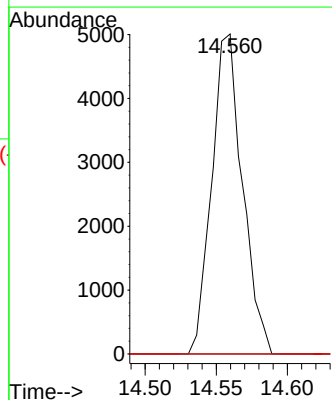
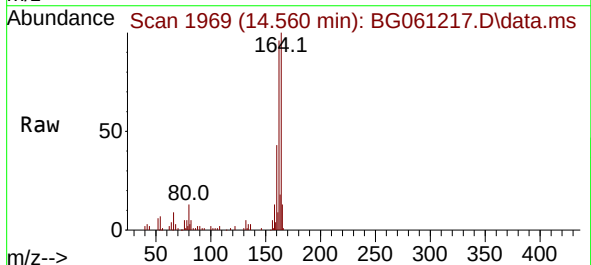
Instrument :
BNA_G
ClientSampleId :
PB160933BL

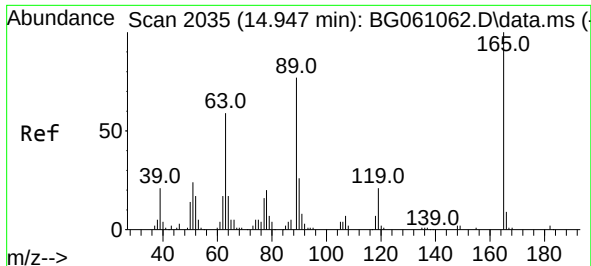
Tgt Ion:172 Resp: 380197
Ion Ratio Lower Upper
172 100
171 37.1 29.0 43.6
170 24.4 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.483 ng
RT: 14.560 min Scan# 1969
Delta R.T. 0.400 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

Tgt Ion:165 Resp: 7513
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: 5.058 ng

RT: 14.560 min Scan# 1969

Delta R.T. -0.388 min

Lab File: BG061217.D

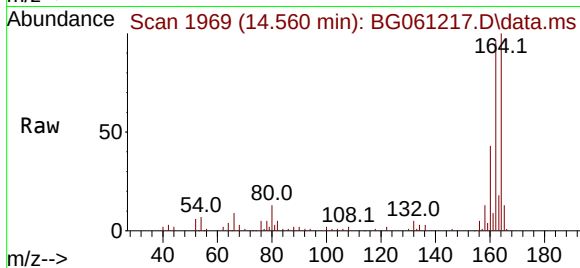
Acq: 16 May 2024 12:15

Instrument :

BNA_G

ClientSampleId :

PB160933BL



Tgt Ion:165 Resp: 7513

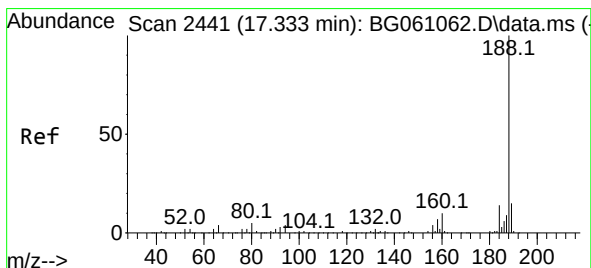
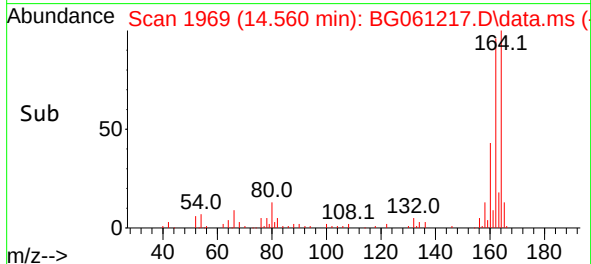
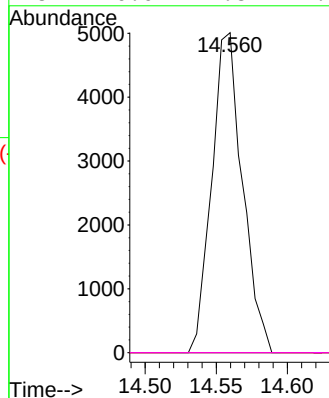
Ion Ratio Lower Upper

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: 17.309 min Scan# 2437

Delta R.T. -0.023 min

Lab File: BG061217.D

Acq: 16 May 2024 12:15

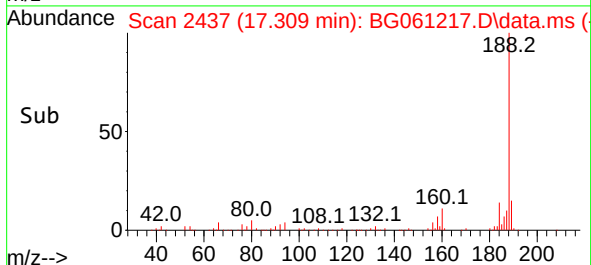
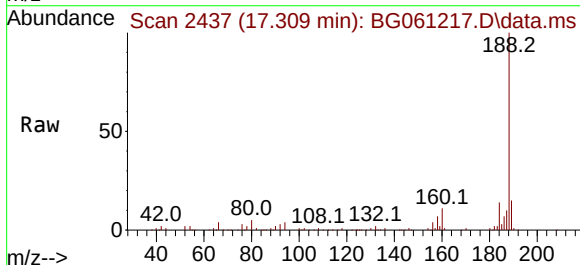
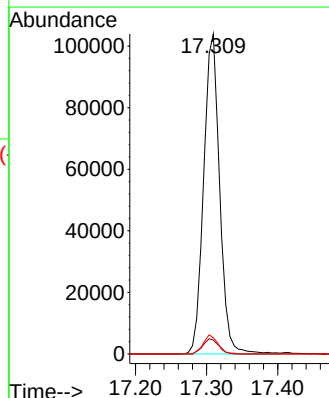
Tgt Ion:188 Resp: 162968

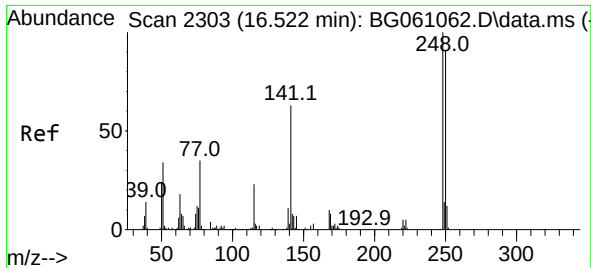
Ion Ratio Lower Upper

188 100

94 4.3 3.6 5.4

80 5.1 4.2 6.2

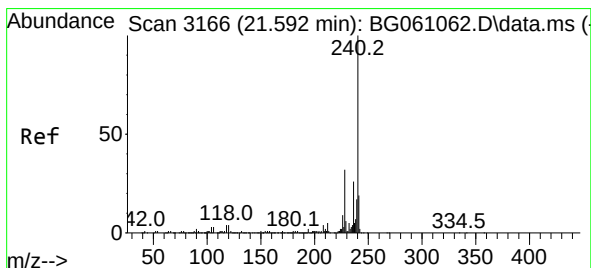
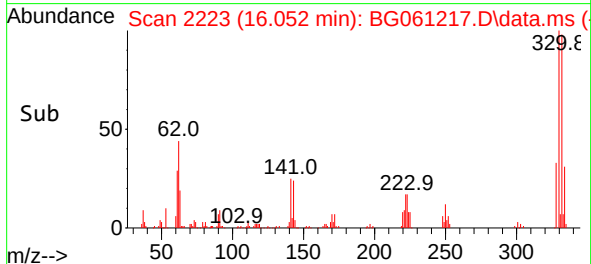
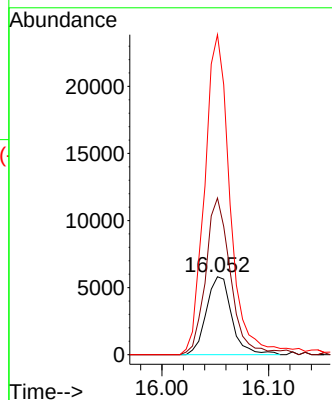
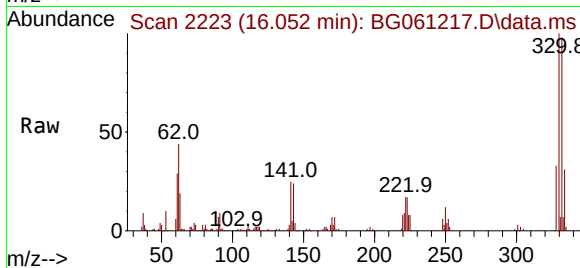




#67
4-Bromophenyl-phenylether
Concen: 4.996 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.470 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

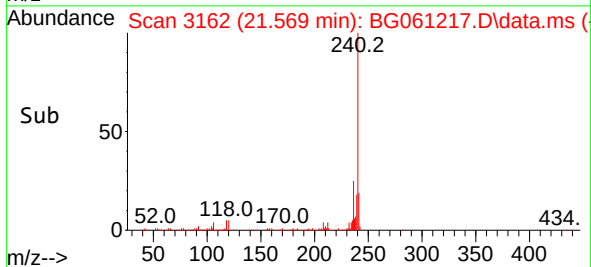
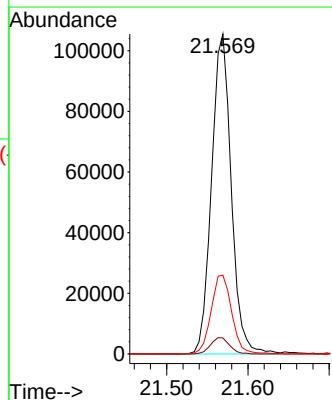
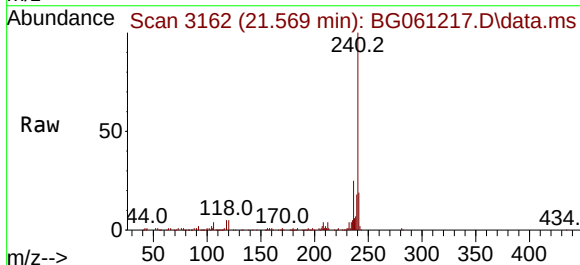
Instrument :
BNA_G
ClientSampleId :
PB160933BL

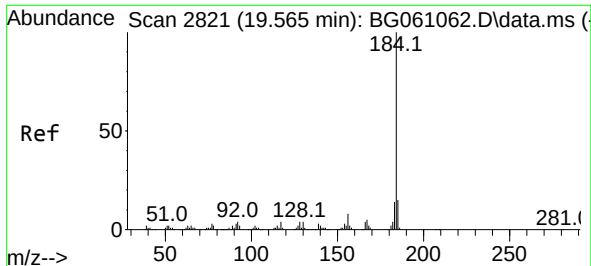
Tgt Ion:248 Resp: 9592
Ion Ratio Lower Upper
248 100
250 200.9 73.0 109.4#
141 410.5 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3162
Delta R.T. -0.023 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

Tgt Ion:240 Resp: 177430
Ion Ratio Lower Upper
240 100
120 5.0 3.2 4.8#
236 24.6 21.0 31.6

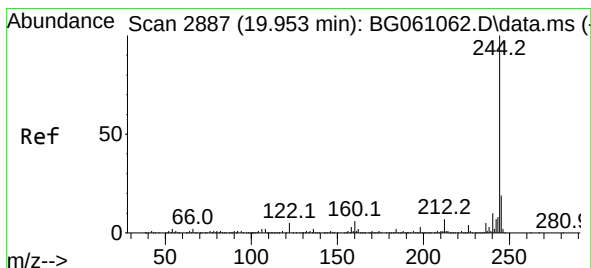
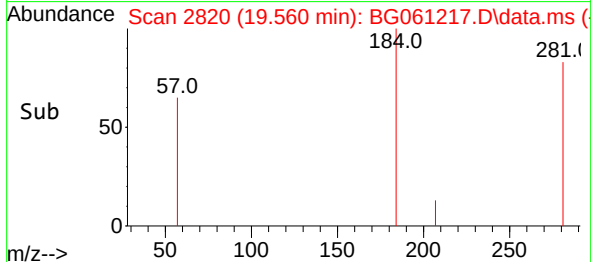
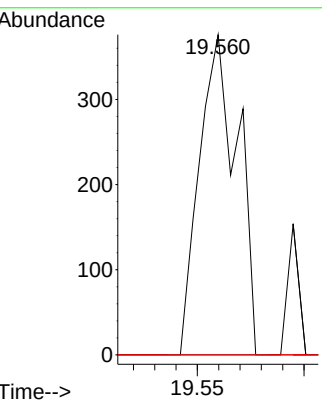
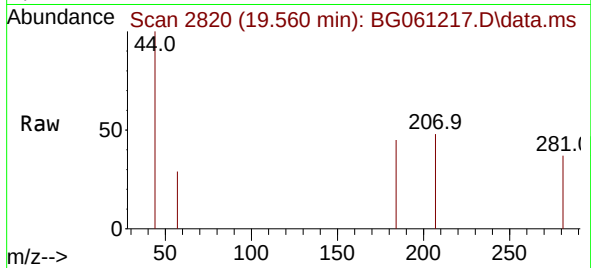




#77
Benzidine
Concen: 2.926 ng
RT: 19.560 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

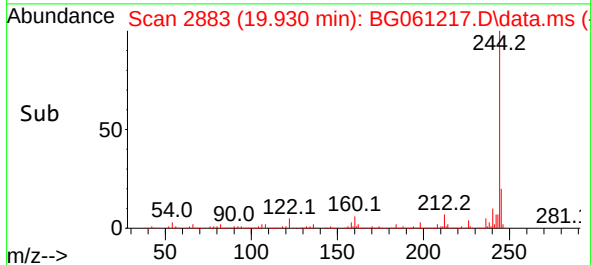
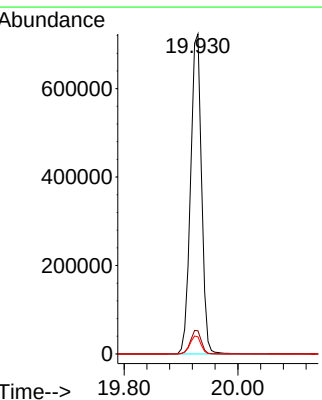
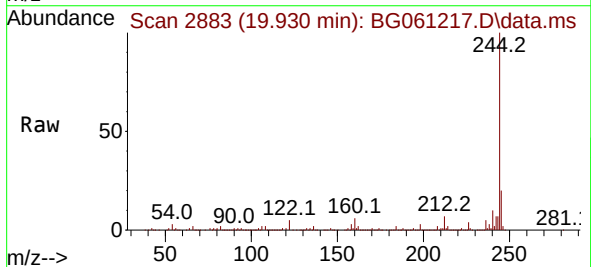
Instrument :
BNA_G
ClientSampleId :
PB160933BL

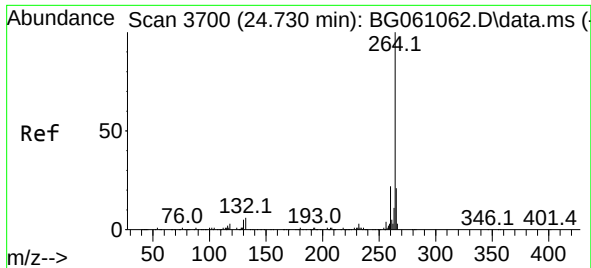
Tgt Ion:184 Resp: 468
Ion Ratio Lower Upper
184 100
185 0.0 12.0 18.0#
183 0.0 10.9 16.3#



#79
Terphenyl-d14
Concen: 90.876 ng
RT: 19.930 min Scan# 2883
Delta R.T. -0.023 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

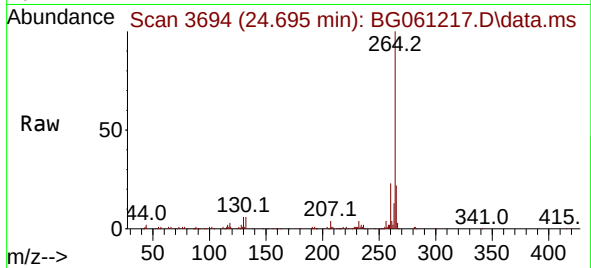
Tgt Ion:244 Resp: 969495
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 5.3 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.695 min Scan# 30
 Delta R.T. -0.035 min
 Lab File: BG061217.D
 Acq: 16 May 2024 12:15

Instrument :
 BNA_G
 ClientSampleId :
 PB160933BL



Tgt Ion:	264	Resp:	207198
Ion Ratio	Lower	Upper	
264	100		
260	23.4	17.7	26.5
265	21.6	16.4	24.6

