

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
 Data File : BG061174.D
 Acq On : 13 May 2024 13:53
 Operator : MA/JU
 Sample : PB160833TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160833TB

Quant Time: May 13 14:33:35 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)

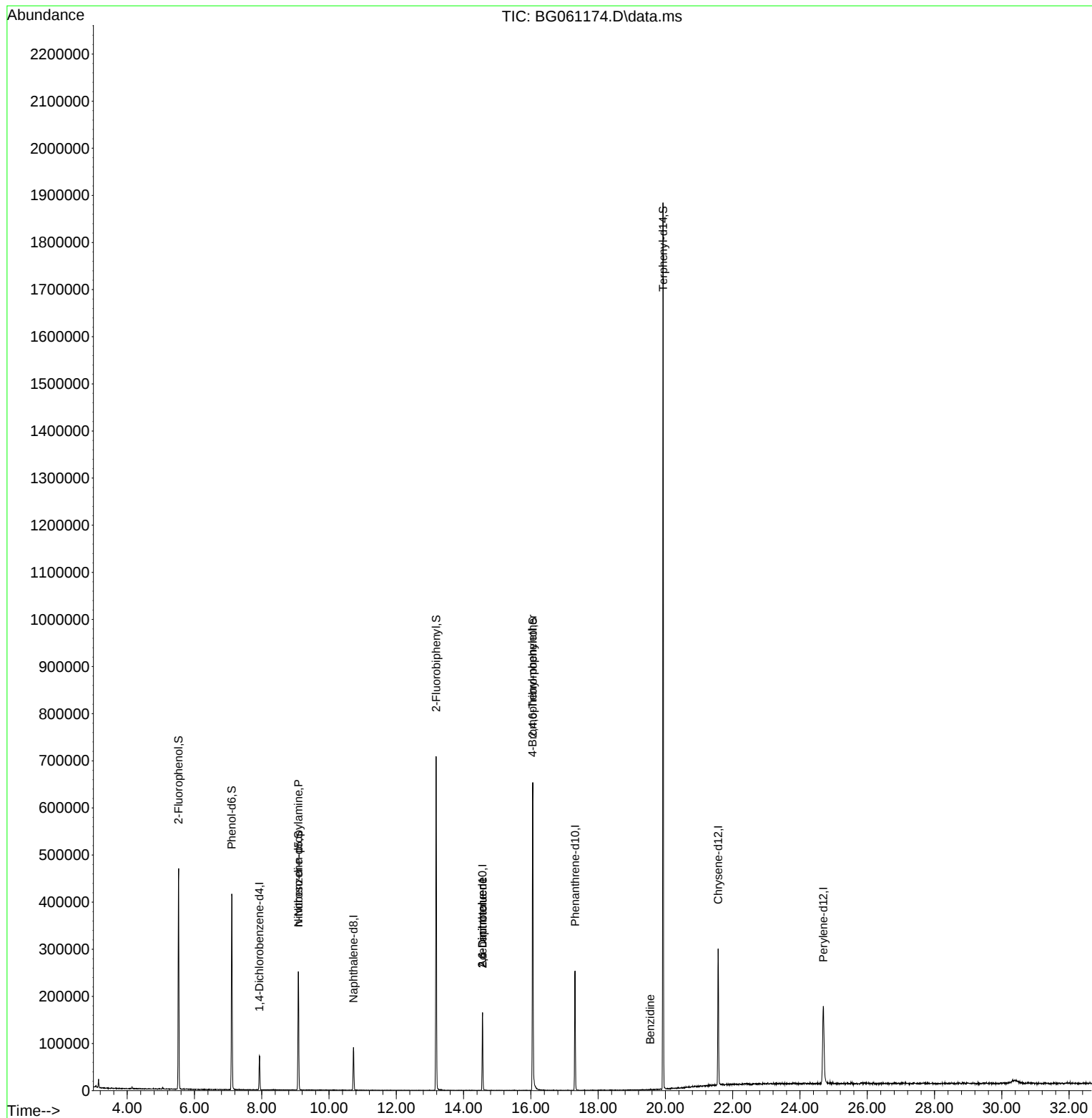
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	18053	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	73133	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	62738	20.000	ng	-0.03
64) Phenanthrene-d10	17.313	188	174494	20.000	ng	#-0.02
76) Chrysene-d12	21.567	240	185955	20.000	ng	#-0.03
86) Perylene-d12	24.692	264	214033	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	159566	179.757	ng	-0.02
7) Phenol-d6	7.107	99	191093	145.522	ng	-0.03
23) Nitrobenzene-d5	9.087	82	130740	88.620	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	160749	128.187	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	363670	85.716	ng	-0.03
79) Terphenyl-d14	19.927	244	981132	87.750	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.107	77	324	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.087	70	19093	19.429	ng	# 61
51) 2,6-Dinitrotoluene	14.563	165	8231	7.941	ng	# 17
57) 2,4-Dinitrotoluene	14.563	165	8231	5.367	ng	# 18
67) 4-Bromophenyl-phenylether	16.050	248	9500	4.622	ng	# 1
77) Benzidine	19.551	184	1413	3.171	ng	# 70

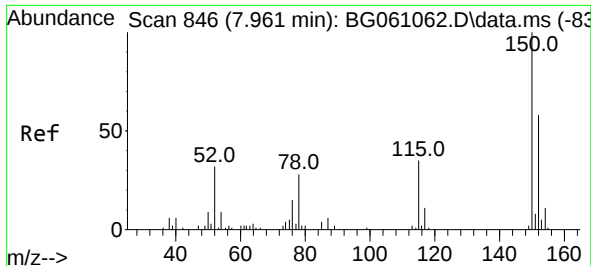
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061174.D
Acq On : 13 May 2024 13:53
Operator : MA/JU
Sample : PB160833TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160833TB

Quant Time: May 13 14:33:35 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

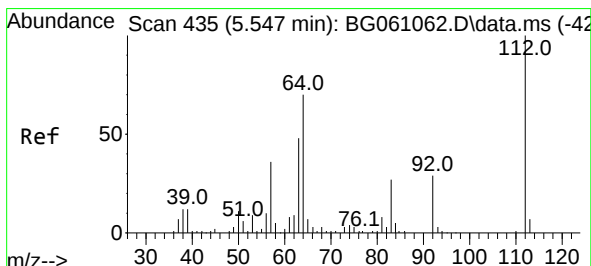
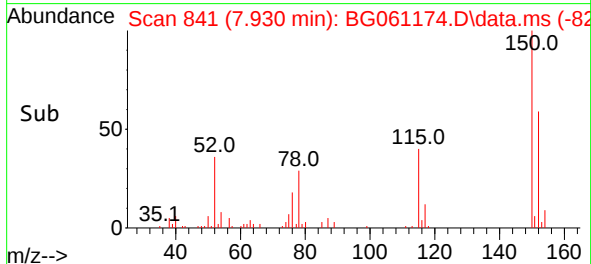
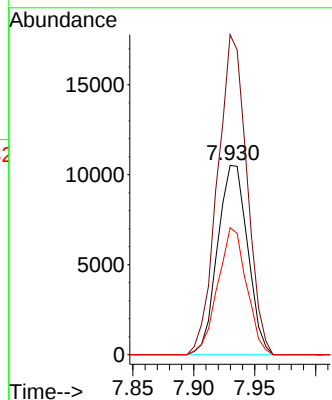
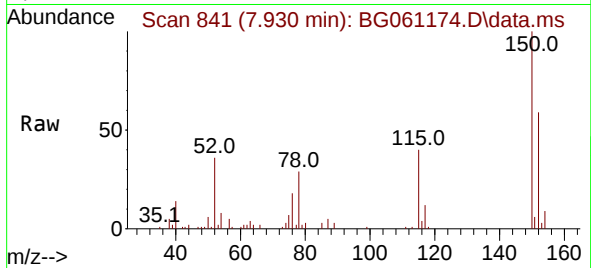




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 84
Delta R.T. -0.031 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

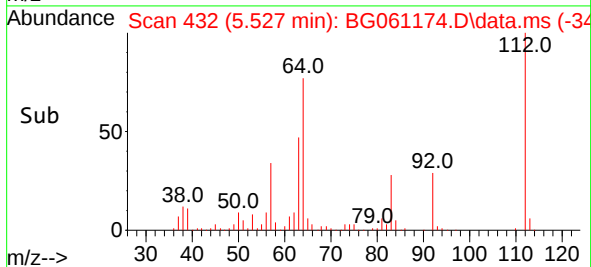
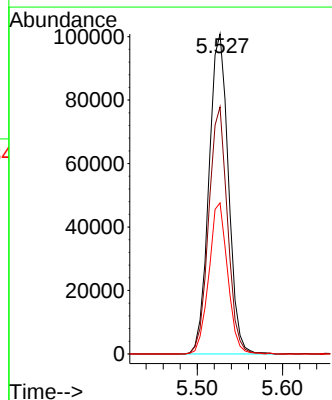
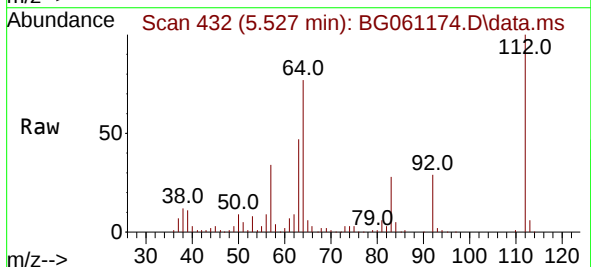
Instrument :
BNA_G
ClientSampleId :
PB160833TB

Tgt Ion:152 Resp: 18053
Ion Ratio Lower Upper
152 100
150 169.0 138.3 207.5
115 67.0 48.0 72.0



#5
2-Fluorophenol
Concen: 179.757 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

Tgt Ion:112 Resp: 159566
Ion Ratio Lower Upper
112 100
64 77.2 55.7 83.5
63 47.2 38.1 57.1

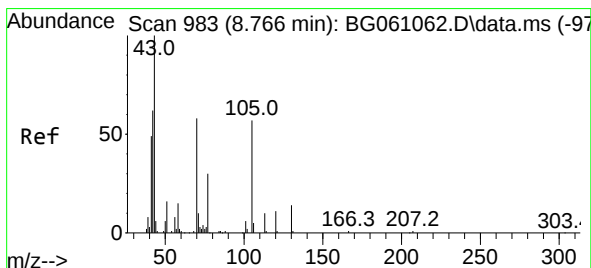
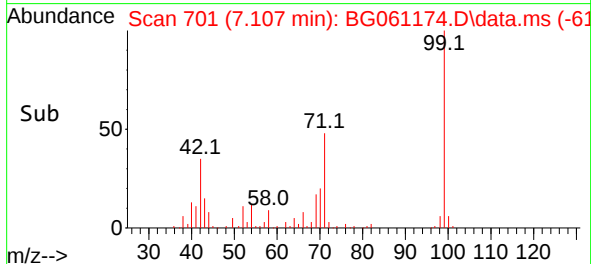
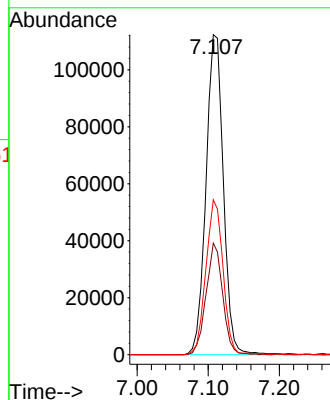
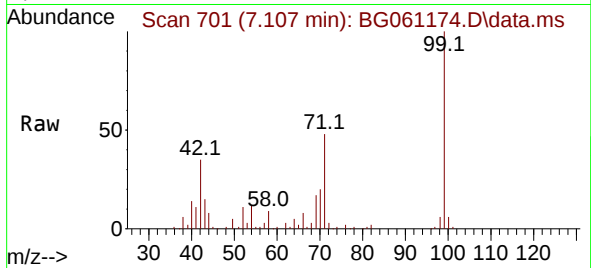




#7
Phenol-d6
Concen: 145.522 ng
RT: 7.107 min Scan# 70
Delta R.T. -0.026 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

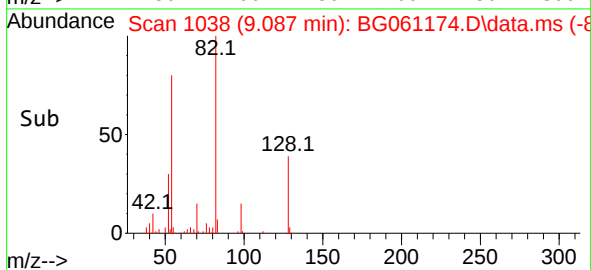
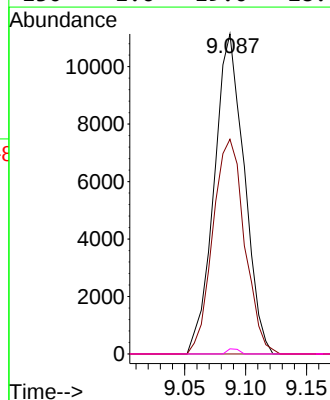
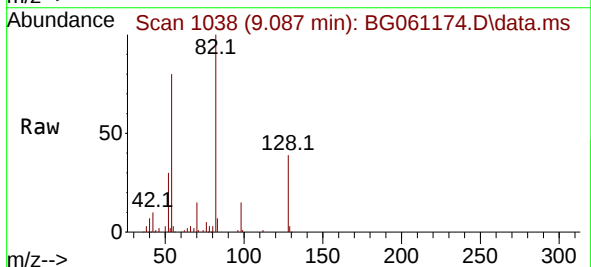
Instrument :
BNA_G
ClientSampleId :
PB160833TB

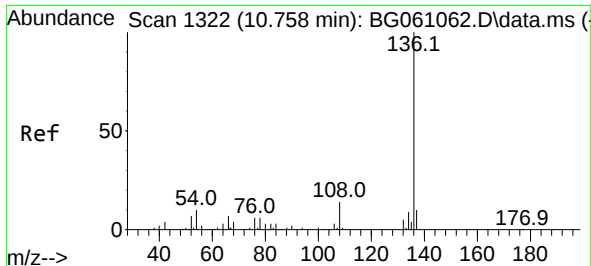
Tgt Ion: 99 Resp: 191093
Ion Ratio Lower Upper
99 100
42 34.9 29.2 43.8
71 48.4 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.429 ng
RT: 9.087 min Scan# 1038
Delta R.T. 0.321 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

Tgt Ion: 70 Resp: 19093
Ion Ratio Lower Upper
70 100
42 67.1 86.4 129.6#
101 0.0 7.8 11.8#
130 1.6 19.0 28.4#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.032 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

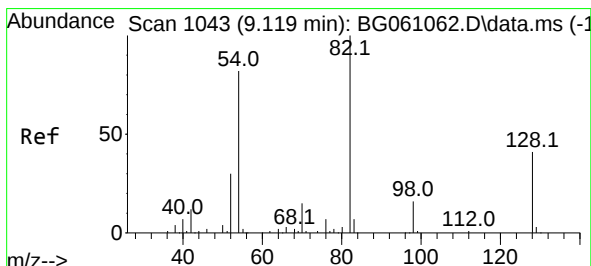
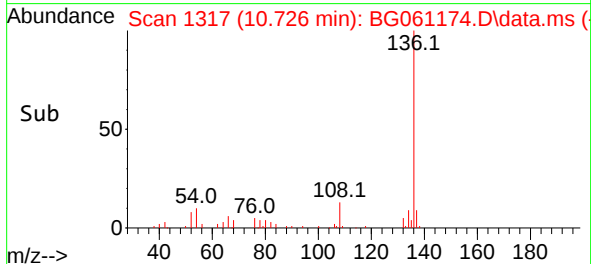
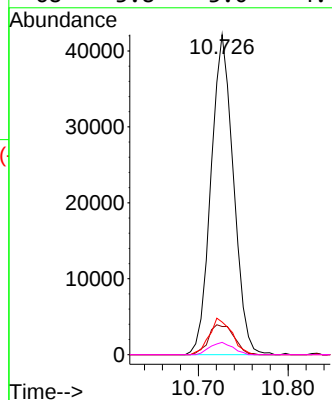
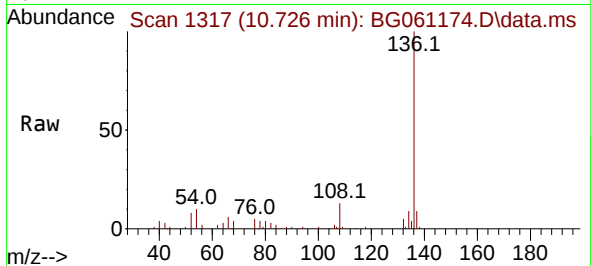
Instrument :

BNA_G

ClientSampleId :

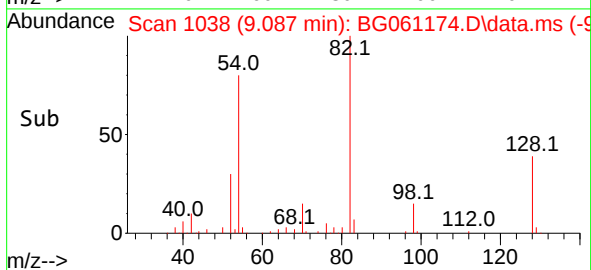
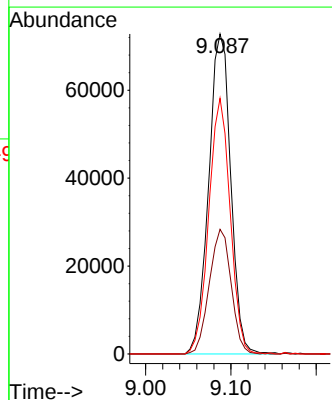
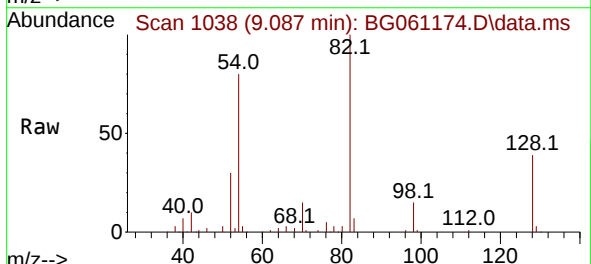
PB160833TB

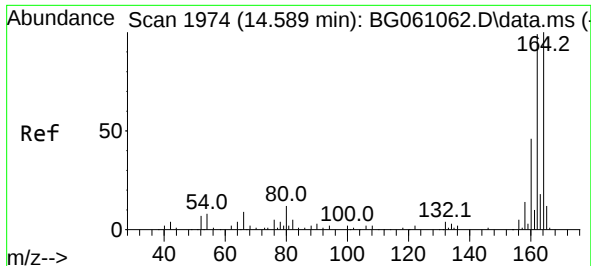
Tgt Ion:136 Resp: 73133
Ion Ratio Lower Upper
136 100
137 8.8 7.8 11.6
54 10.2 8.1 12.1
68 3.8 3.0 4.4



#23
Nitrobenzene-d5
Concen: 88.620 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.032 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

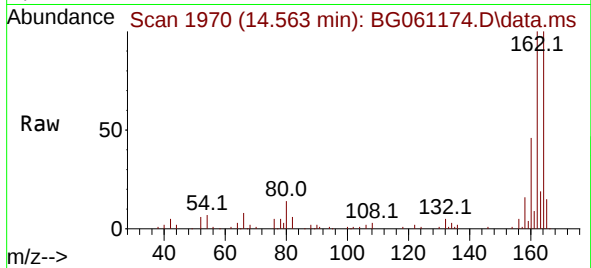
Tgt Ion: 82 Resp: 130740
Ion Ratio Lower Upper
82 100
128 39.0 32.7 49.1
54 79.9 65.6 98.4



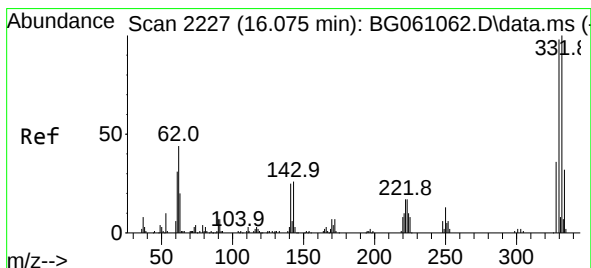
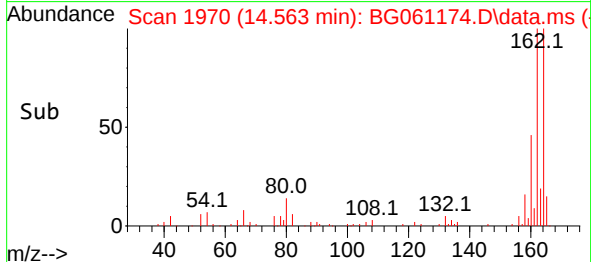
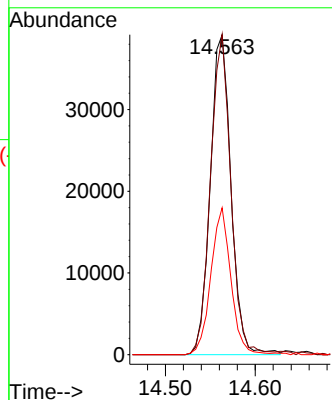


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1974
Delta R.T. -0.026 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

Instrument :
BNA_G
ClientSampleId :
PB160833TB

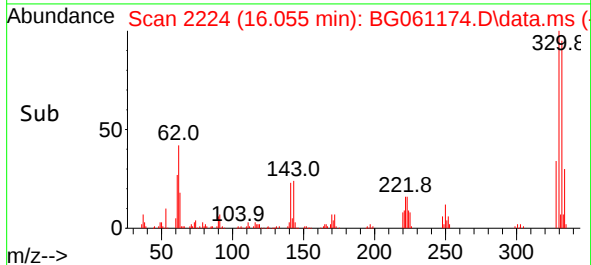
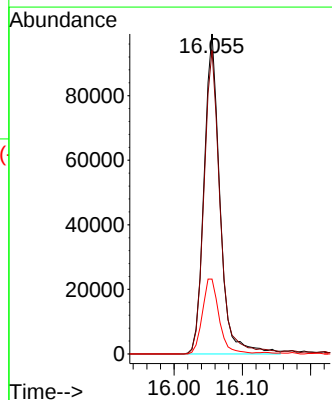
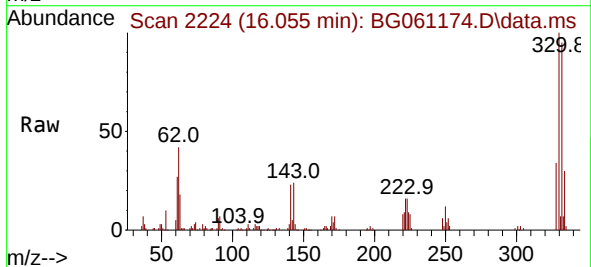


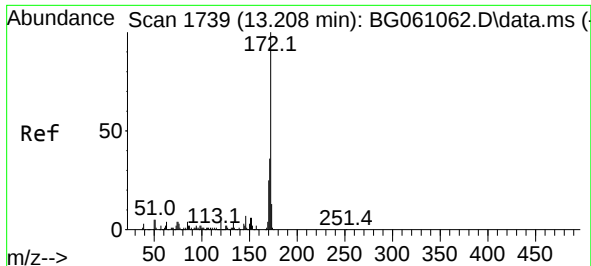
Tgt Ion:164 Resp: 62738
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 45.9 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 128.187 ng
RT: 16.055 min Scan# 2224
Delta R.T. -0.020 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

Tgt Ion:330 Resp: 160749
Ion Ratio Lower Upper
330 100
332 96.5 78.6 117.8
141 24.7 20.5 30.7

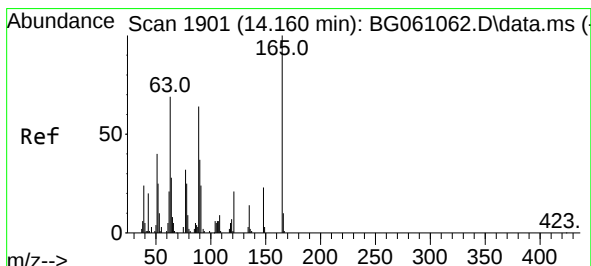
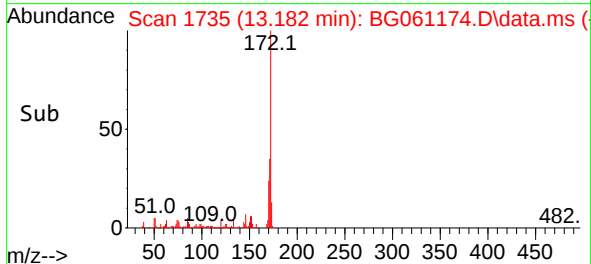
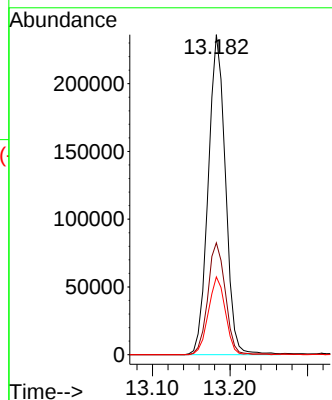
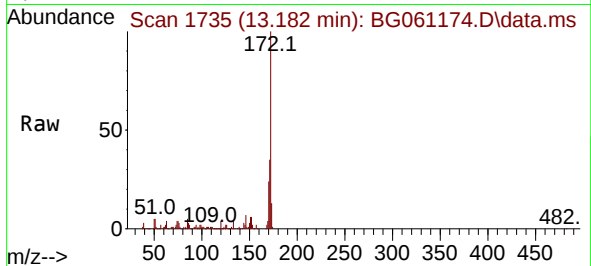




#45
2-Fluorobiphenyl
Concen: 85.716 ng
RT: 13.182 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

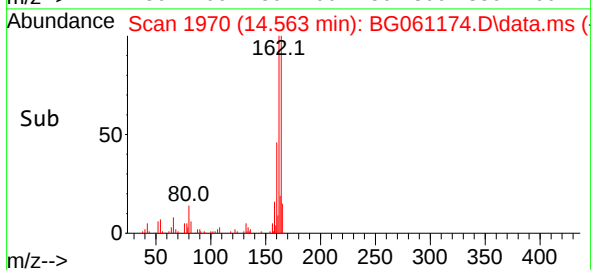
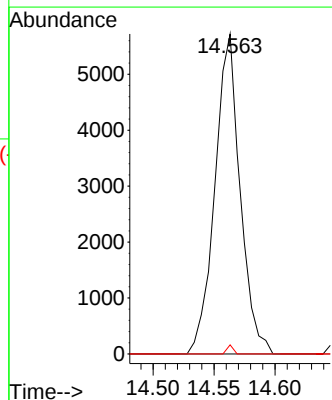
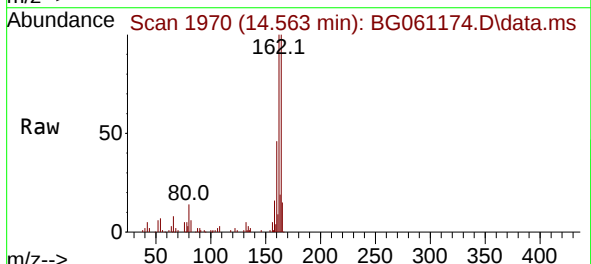
Instrument :
BNA_G
ClientSampleId :
PB160833TB

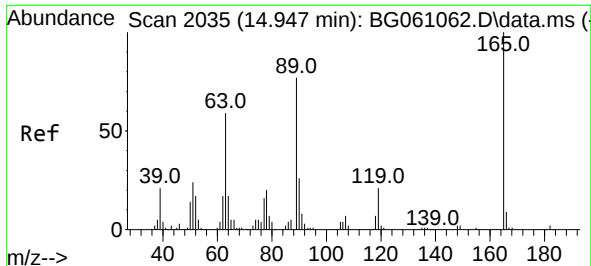
Tgt Ion:172 Resp: 363670
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 24.3 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.941 ng
RT: 14.563 min Scan# 1970
Delta R.T. 0.403 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

Tgt Ion:165 Resp: 8231
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 2.8 50.9 76.3#

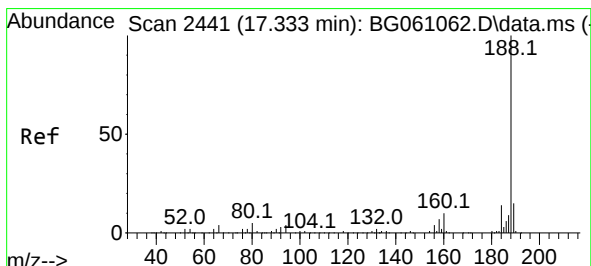
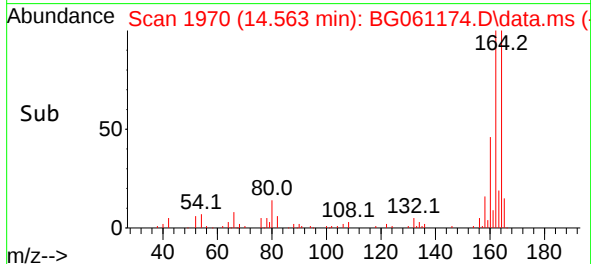
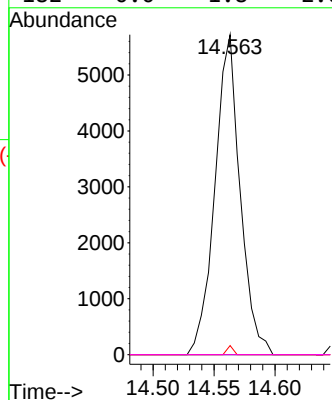
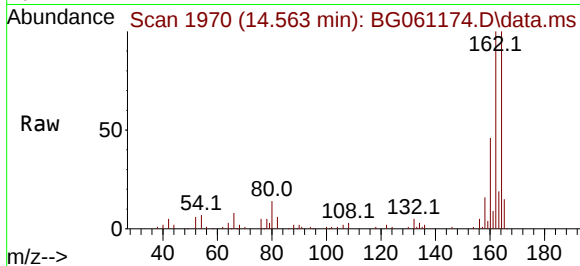




#57
2,4-Dinitrotoluene
Concen: 5.367 ng
RT: 14.563 min Scan# 1970
Delta R.T. -0.384 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

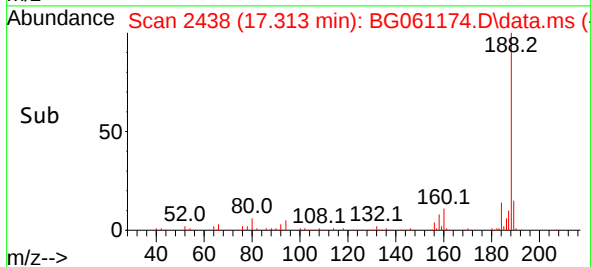
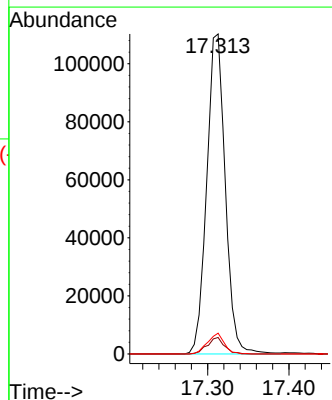
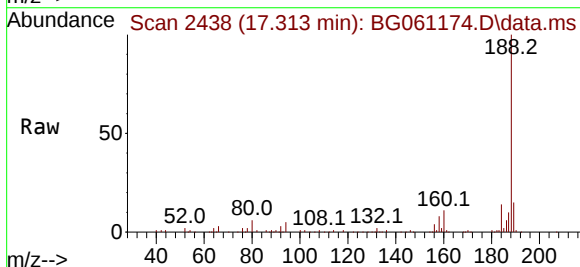
Instrument :
BNA_G
ClientSampleId :
PB160833TB

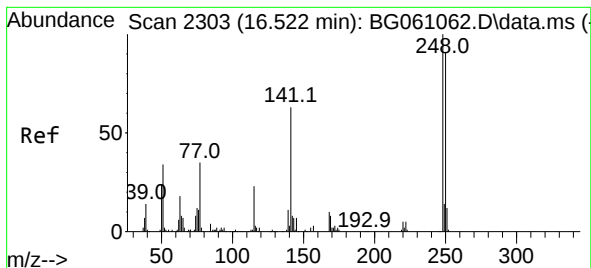
Tgt Ion:165 Resp: 8231
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 2.8 61.8 92.8#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2438
Delta R.T. -0.020 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

Tgt Ion:188 Resp: 174494
Ion Ratio Lower Upper
188 100
94 5.2 3.6 5.4
80 6.5 4.2 6.2#

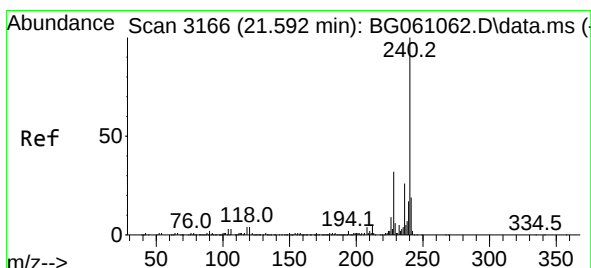
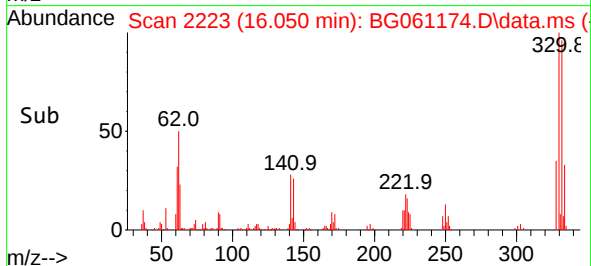
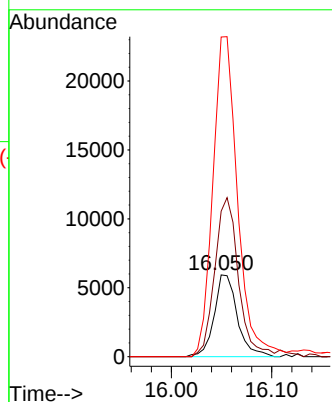
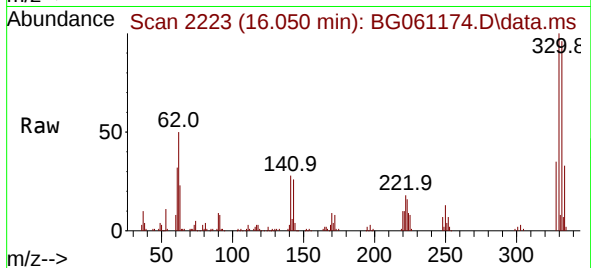




#67
4-Bromophenyl-phenylether
Concen: 4.622 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.472 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

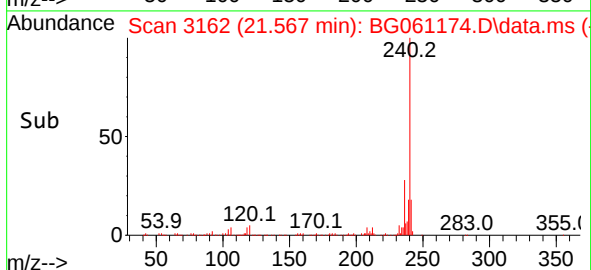
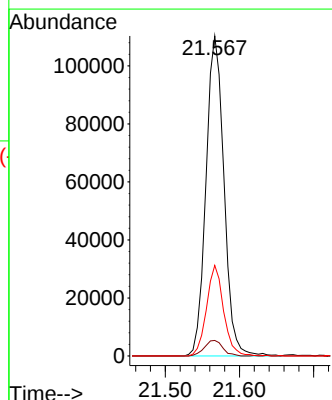
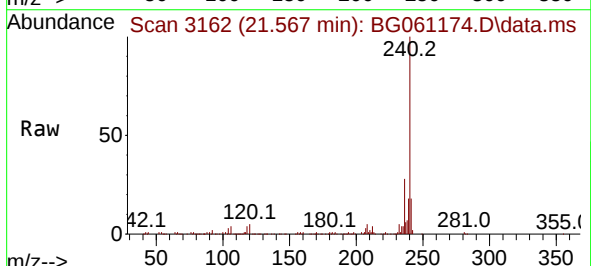
Instrument :
BNA_G
ClientSampleId :
PB160833TB

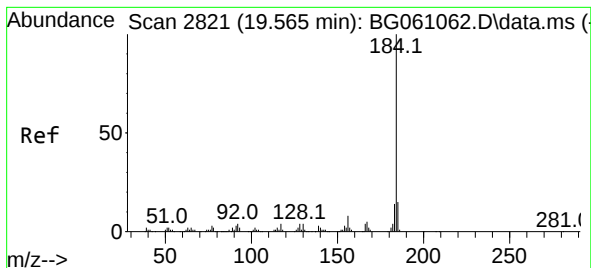
Tgt Ion:248 Resp: 9500
Ion Ratio Lower Upper
248 100
250 178.0 73.0 109.4#
141 391.1 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

Tgt Ion:240 Resp: 185955
Ion Ratio Lower Upper
240 100
120 4.9 3.2 4.8#
236 28.3 21.0 31.6





#77

Benzidine

Concen: 3.171 ng

RT: 19.551 min Scan# 2819

Delta R.T. -0.014 min

Lab File: BG061174.D

Acq: 13 May 2024 13:53

Instrument :

BNA_G

ClientSampleId :

PB160833TB

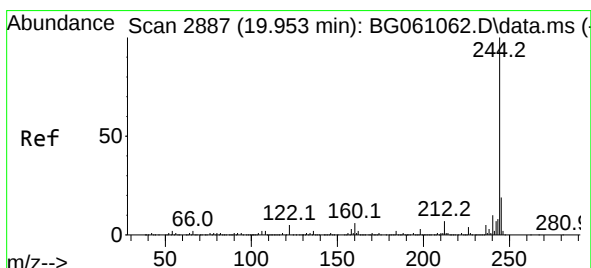
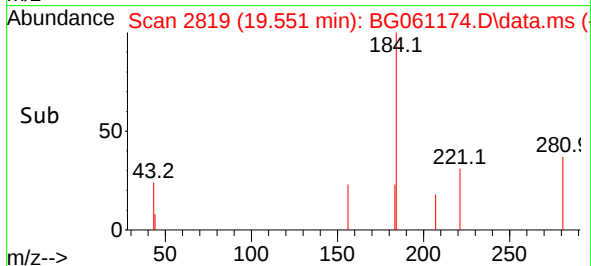
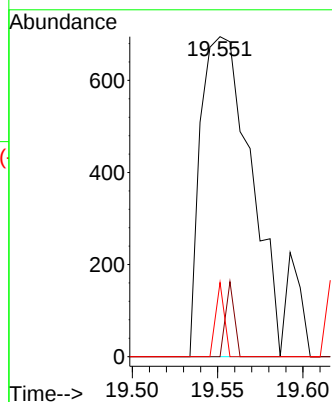
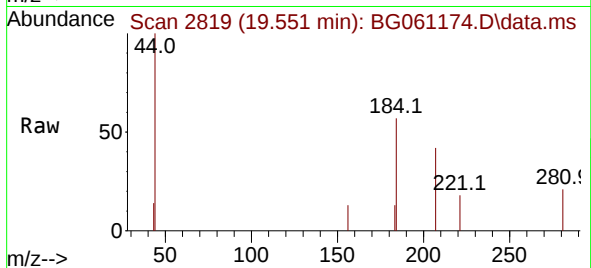
Tgt Ion:184 Resp: 1413

Ion Ratio Lower Upper

184 100

185 0.0 12.0 18.0#

183 23.2 10.9 16.3#



#79

Terphenyl-d14

Concen: 87.750 ng

RT: 19.927 min Scan# 2883

Delta R.T. -0.026 min

Lab File: BG061174.D

Acq: 13 May 2024 13:53

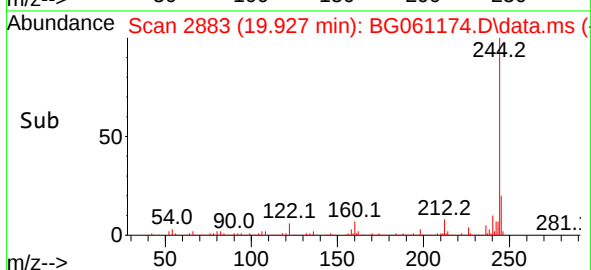
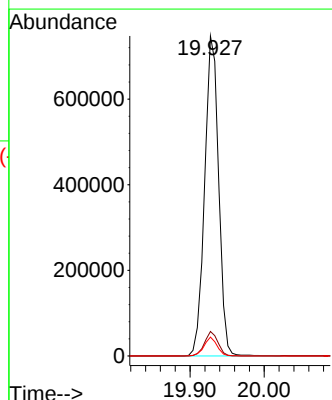
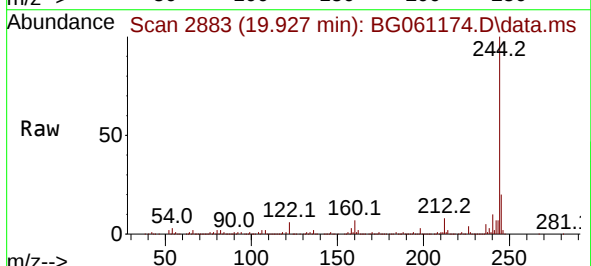
Tgt Ion:244 Resp: 981132

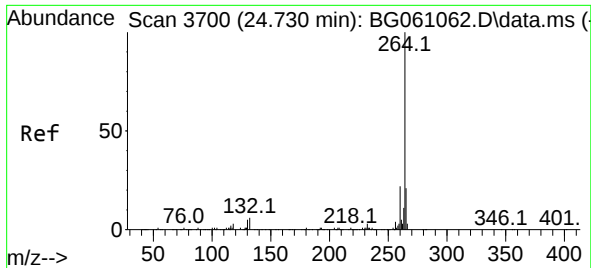
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 5.9 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 30
 Delta R.T. -0.038 min
 Lab File: BG061174.D
 Acq: 13 May 2024 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB160833TB

Tgt Ion:264 Resp: 214033
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.7 26.5
 265 21.3 16.4 24.6

