

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056328.D
 Acq On : 18 Jan 2023 14:33
 Operator : CG/JU
 Sample : 01135-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Jan 19 00:30:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

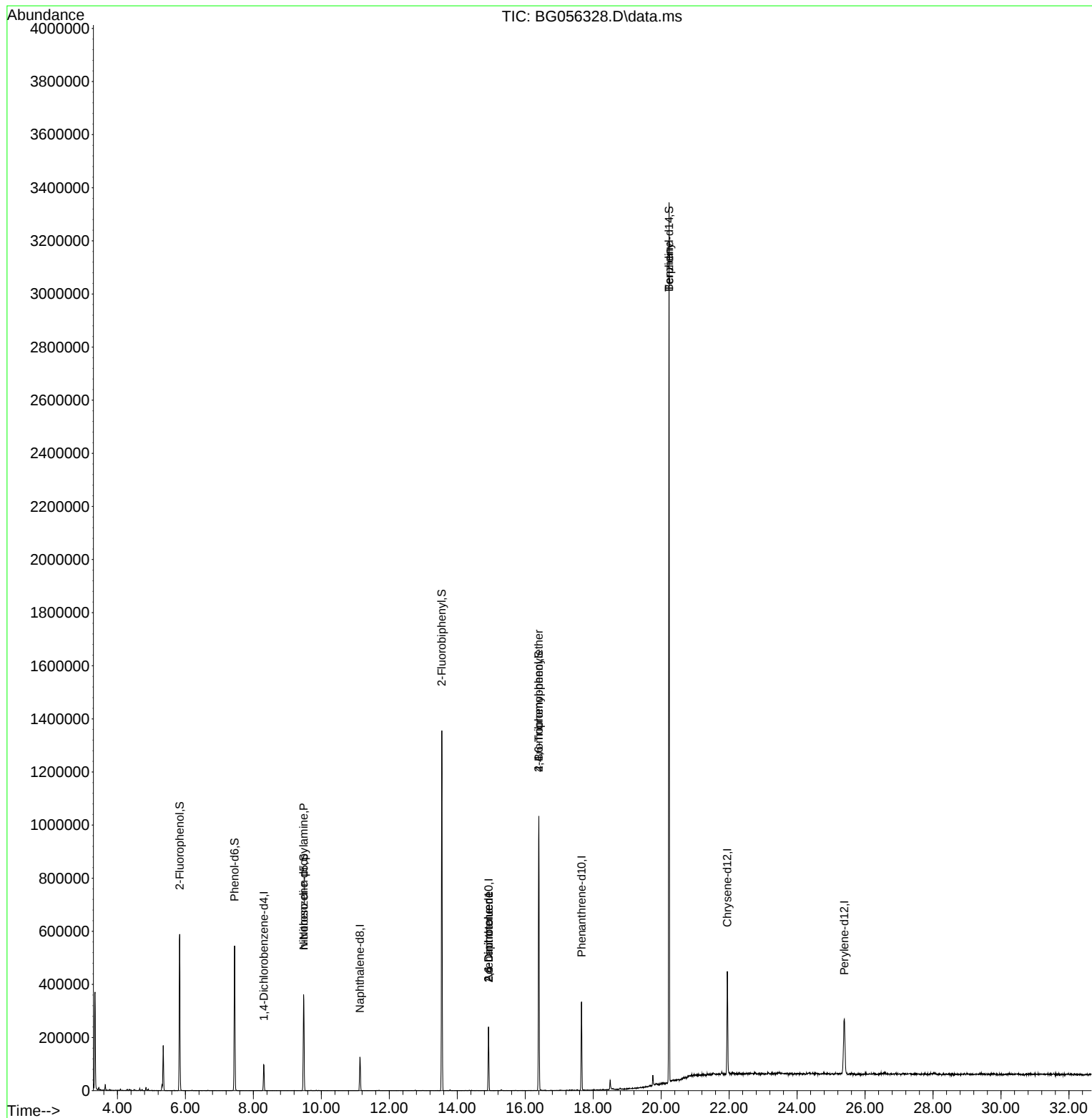
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.311	152	32704	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	119436	20.000	ng	-0.01
39) Acenaphthene-d10	14.921	164	90734	20.000	ng	0.00
64) Phenanthrene-d10	17.659	188	242106	20.000	ng	0.00
76) Chrysene-d12	21.948	240	257621	20.000	ng	-0.01
86) Perylene-d12	25.385	264	263493	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	321189	175.355	ng	0.00
7) Phenol-d6	7.448	99	411547	146.308	ng	0.00
23) Nitrobenzene-d5	9.481	82	260811	111.699	ng	-0.01
42) 2,4,6-Tribromophenol	16.402	330	214224	186.423	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	762195	116.000	ng	-0.01
79) Terphenyl-d14	20.233	244	1731530	120.381	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.481	70	33765	19.740	ng	# 72
51) 2,6-Dinitrotoluene	14.921	165	12098	7.751	ng	# 31
57) 2,4-Dinitrotoluene	14.921	165	12098	5.543	ng	# 28
67) 4-Bromophenyl-phenylether	16.402	248	16968	5.504	ng	# 1
77) Benzidine	20.233	184	24485	2.712	ng	# 82

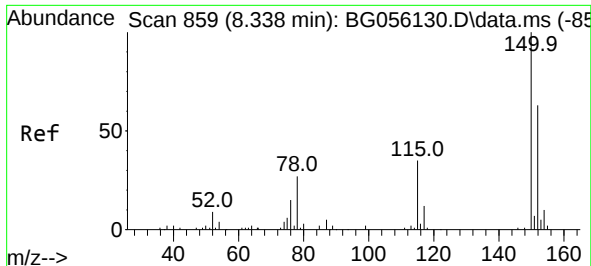
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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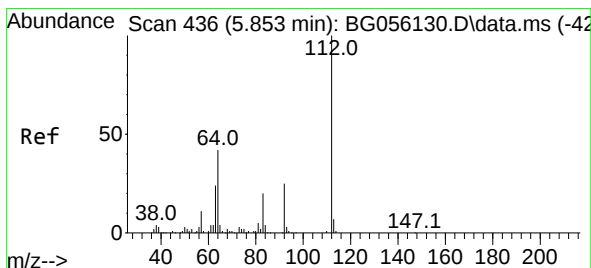
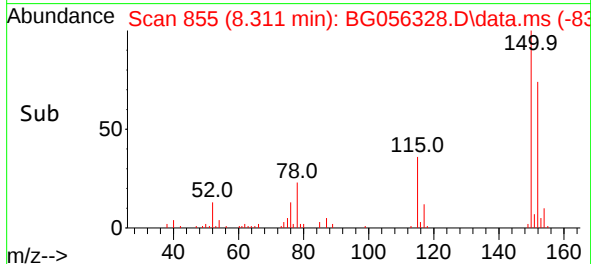
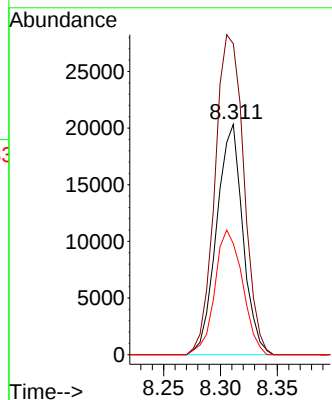
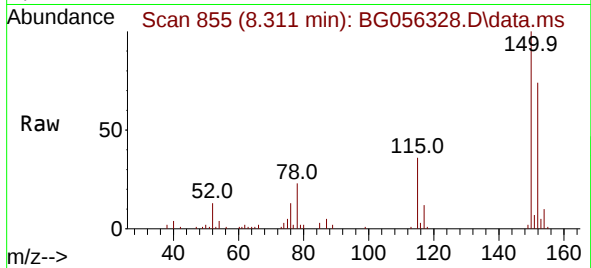




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.311 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

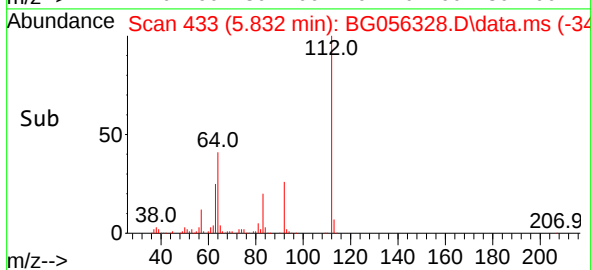
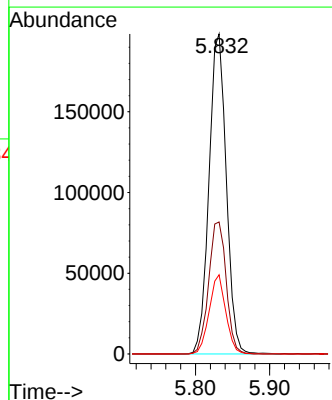
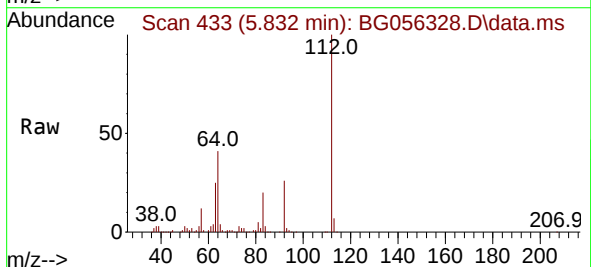
Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:152 Resp: 32704
Ion Ratio Lower Upper
152 100
150 135.0 127.9 191.9
115 48.2 44.2 66.2



#5
2-Fluorophenol
Concen: 175.355 ng
RT: 5.832 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

Tgt Ion:112 Resp: 321189
Ion Ratio Lower Upper
112 100
64 41.3 33.3 49.9
63 24.7 19.0 28.4

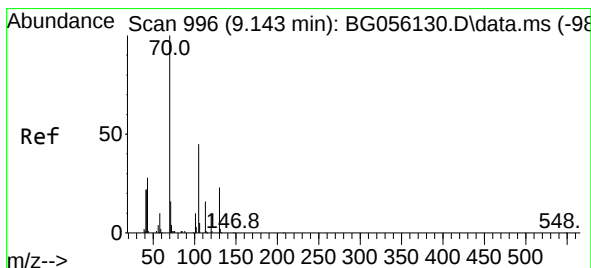
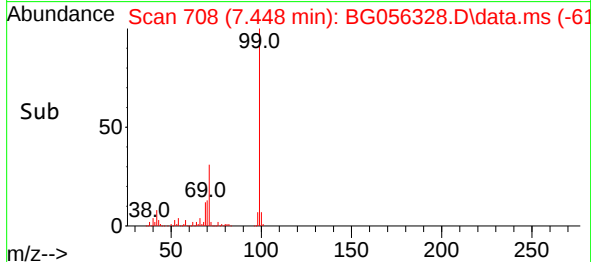
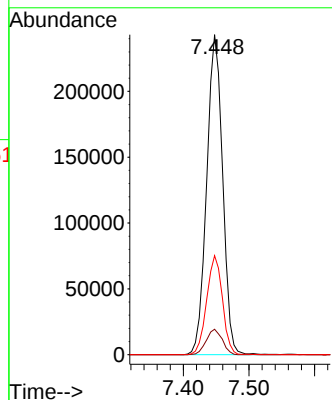
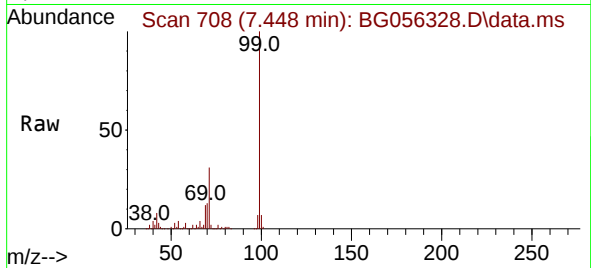




#7
Phenol-d6
Concen: 146.308 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

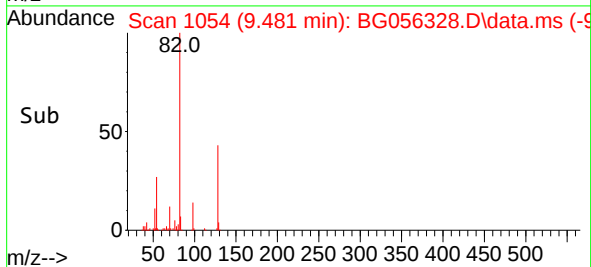
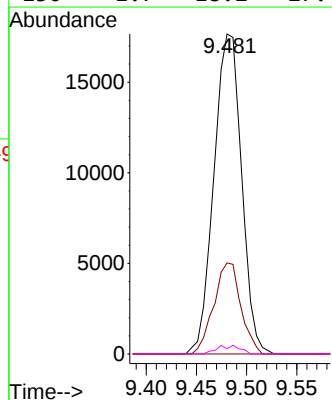
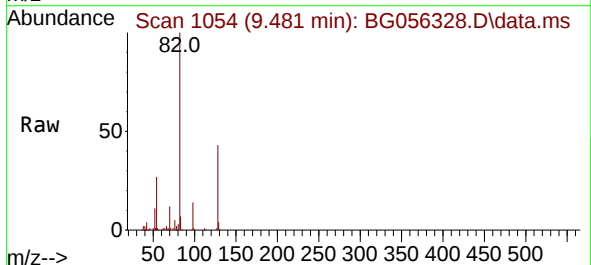
Instrument :
BNA_G
ClientSampleId :
WC-3

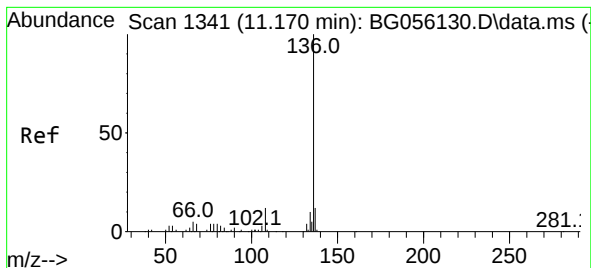
Tgt Ion: 99 Resp: 411547
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 30.9 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.740 ng
RT: 9.481 min Scan# 1054
Delta R.T. 0.365 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

Tgt Ion: 70 Resp: 33765
Ion Ratio Lower Upper
70 100
42 28.4 18.2 27.2#
101 0.0 8.3 12.5#
130 1.7 18.2 27.4#

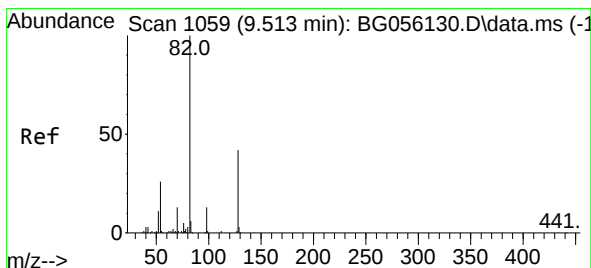
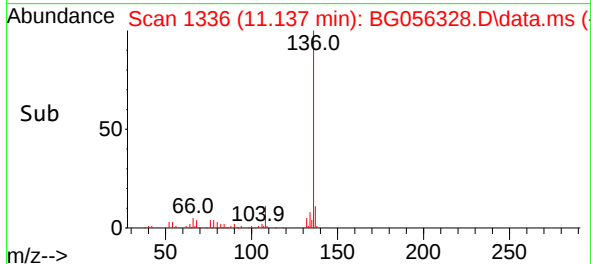
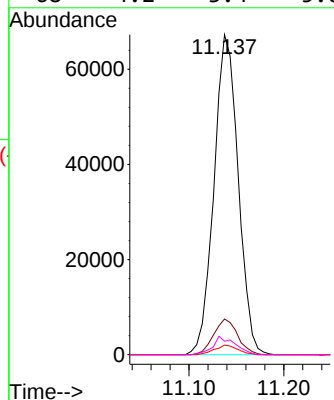
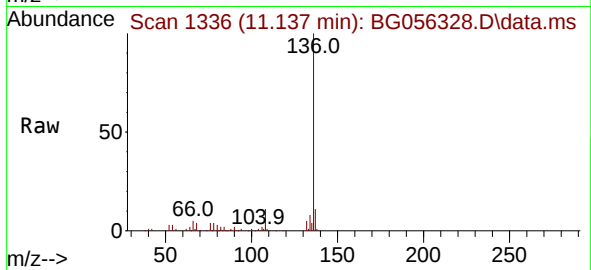




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

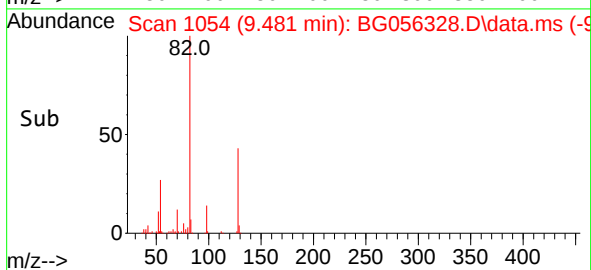
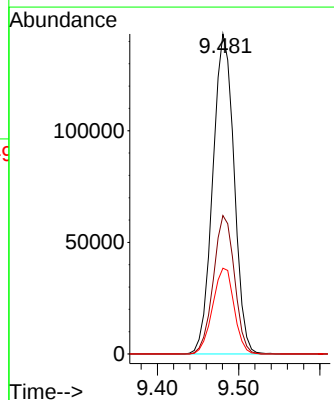
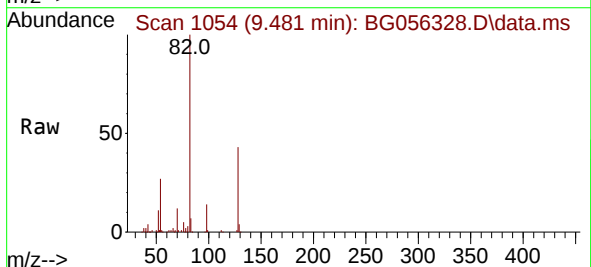
Instrument :
BNA_G
ClientSampleId :
WC-3

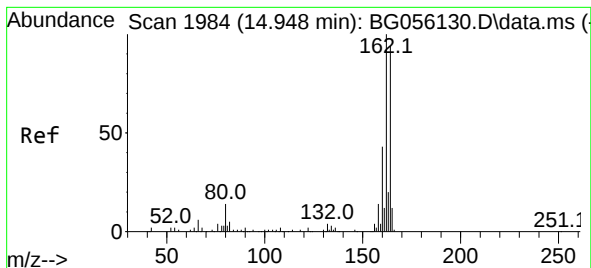
Tgt Ion:136 Resp: 119436
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 3.0 2.2 3.2
68 4.2 3.4 5.0



#23
Nitrobenzene-d5
Concen: 111.699 ng
RT: 9.481 min Scan# 1054
Delta R.T. -0.011 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

Tgt Ion: 82 Resp: 260811
Ion Ratio Lower Upper
82 100
128 43.3 33.4 50.2
54 26.8 20.3 30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.921 min Scan# 1984

Delta R.T. -0.005 min

Lab File: BG056328.D

Acq: 18 Jan 2023 14:33

Instrument :

BNA_G

ClientSampleId :

WC-3

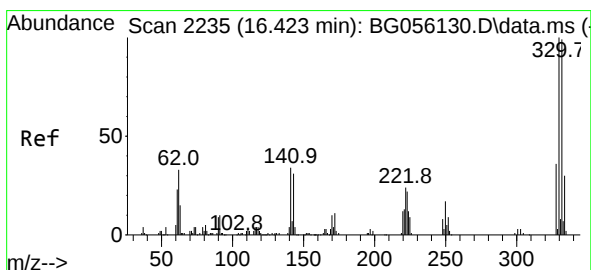
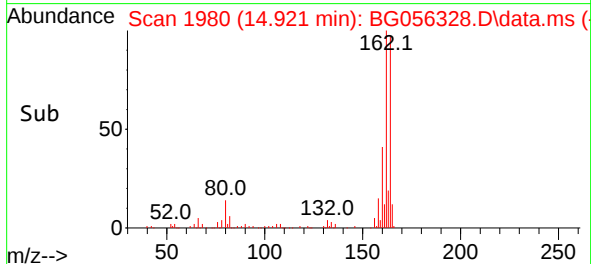
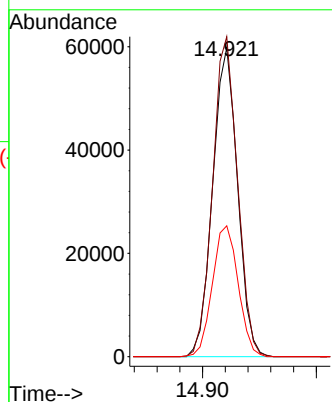
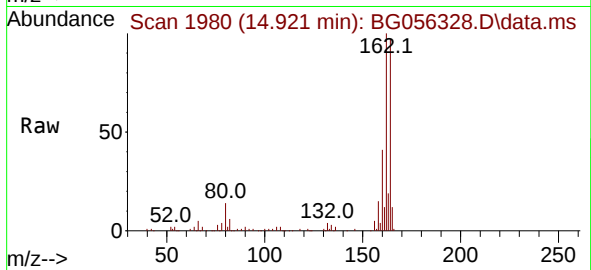
Tgt Ion:164 Resp: 90734

Ion Ratio Lower Upper

164 100

162 103.5 84.7 127.1

160 42.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 186.423 ng

RT: 16.402 min Scan# 2232

Delta R.T. -0.005 min

Lab File: BG056328.D

Acq: 18 Jan 2023 14:33

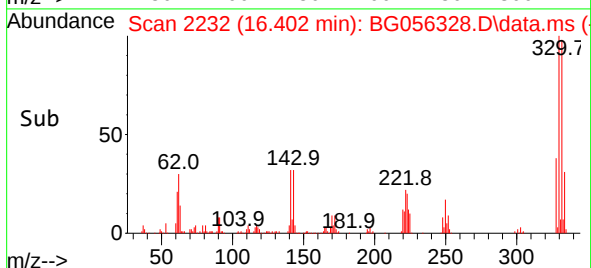
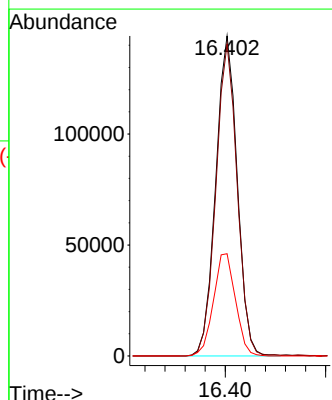
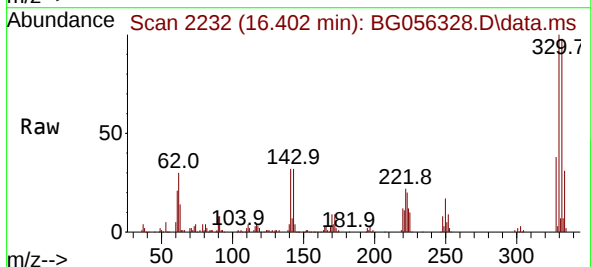
Tgt Ion:330 Resp: 214224

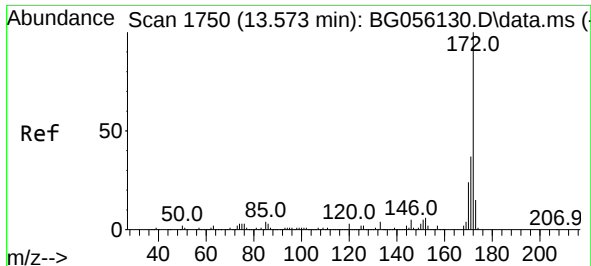
Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 32.8 27.9 41.9

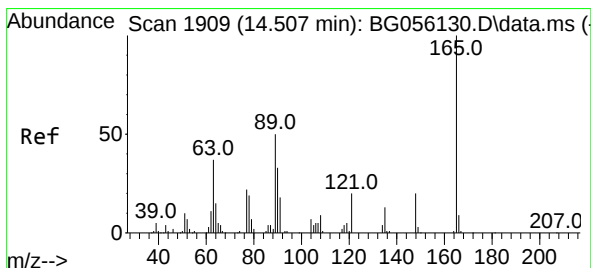
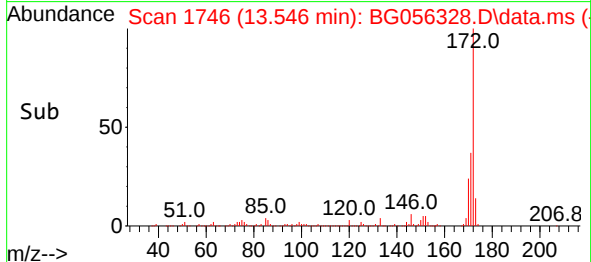
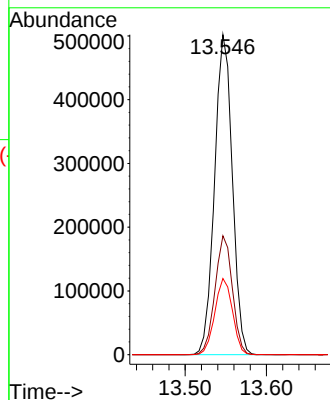
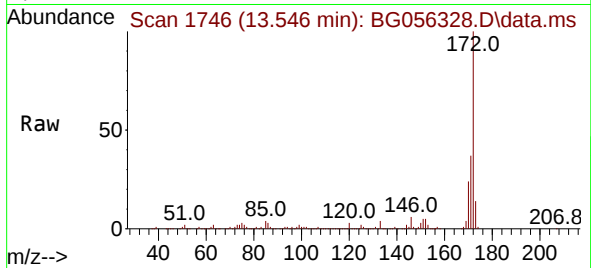




#45
2-Fluorobiphenyl
Concen: 116.000 ng
RT: 13.546 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

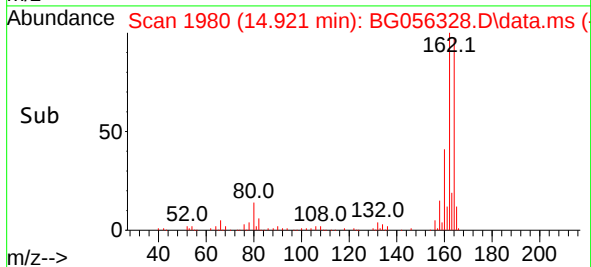
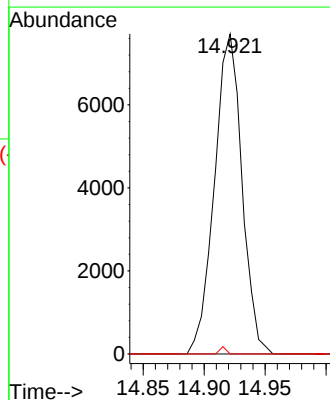
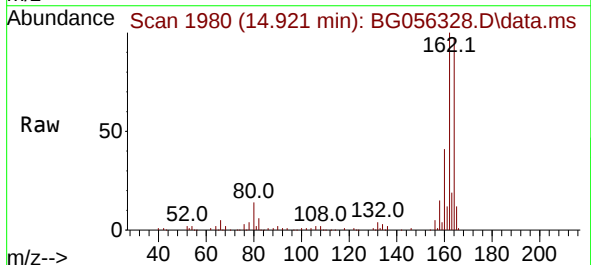
Instrument :
BNA_G
ClientSampleId :
WC-3

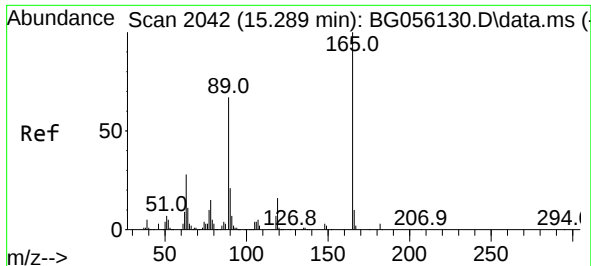
Tgt Ion:172 Resp: 762195
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 23.8 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.751 ng
RT: 14.921 min Scan# 1980
Delta R.T. 0.429 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

Tgt Ion:165 Resp: 12098
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

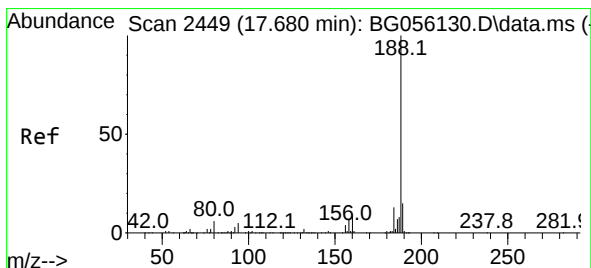
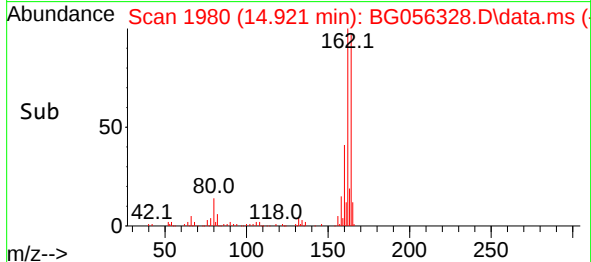
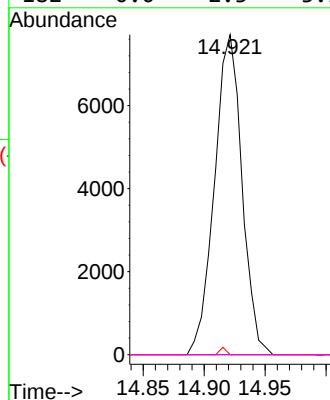
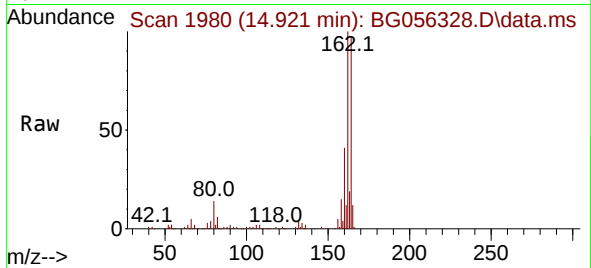




#57
2,4-Dinitrotoluene
Concen: 5.543 ng
RT: 14.921 min Scan# 1980
Delta R.T. -0.352 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

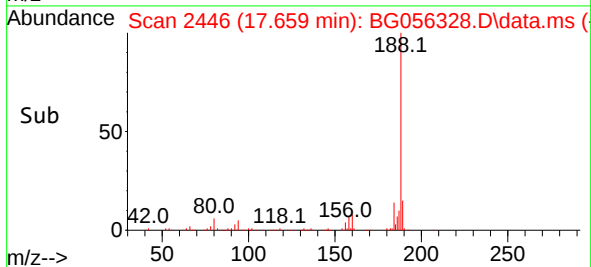
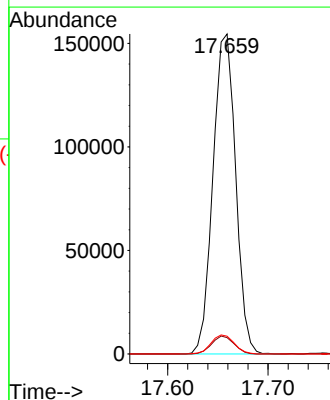
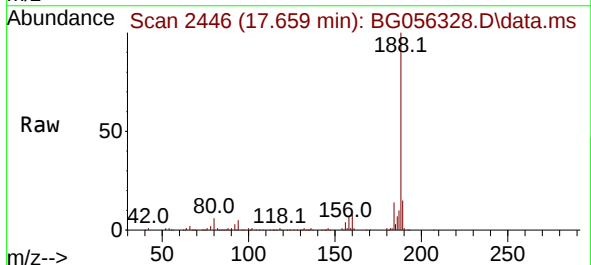
Instrument :
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ClientSampleId :
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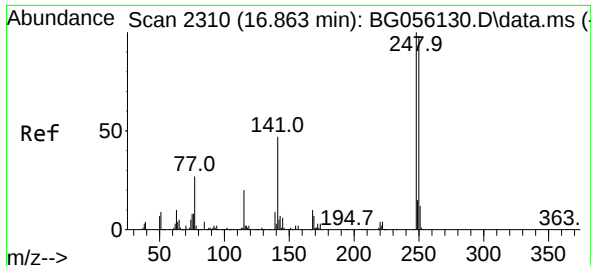
Tgt Ion:165 Resp: 12098
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

Tgt Ion:188 Resp: 242106
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.6 5.0 7.4





#67

4-Bromophenyl-phenylether

Concen: 5.504 ng

RT: 16.402 min Scan# 21

Delta R.T. -0.446 min

Lab File: BG056328.D

Acq: 18 Jan 2023 14:33

Instrument :

BNA_G

ClientSampleId :

WC-3

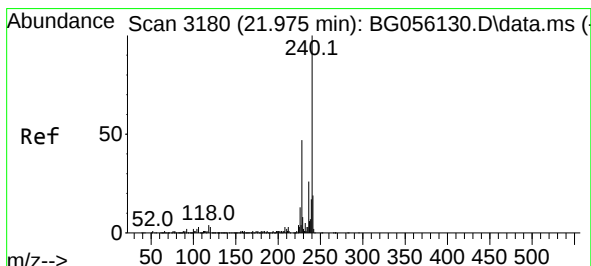
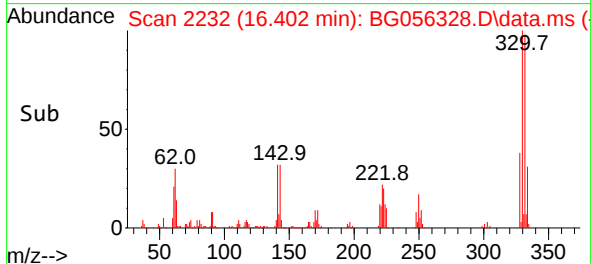
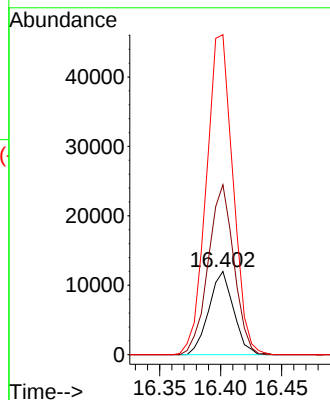
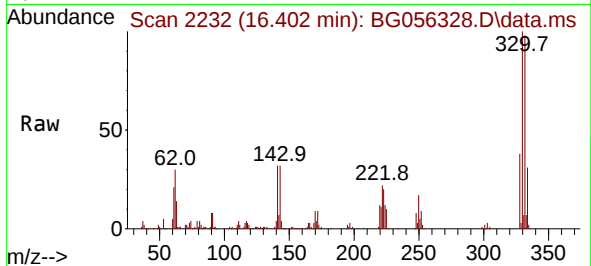
Tgt Ion:248 Resp: 16968

Ion Ratio Lower Upper

248 100

250 204.3 78.2 117.4#

141 384.7 37.6 56.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.948 min Scan# 3176

Delta R.T. -0.011 min

Lab File: BG056328.D

Acq: 18 Jan 2023 14:33

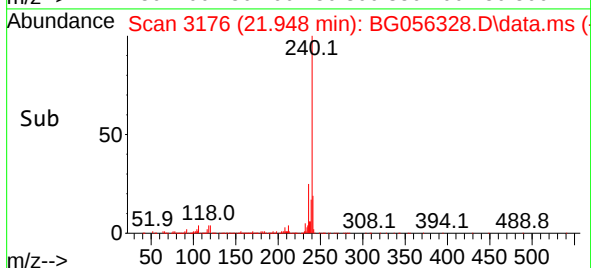
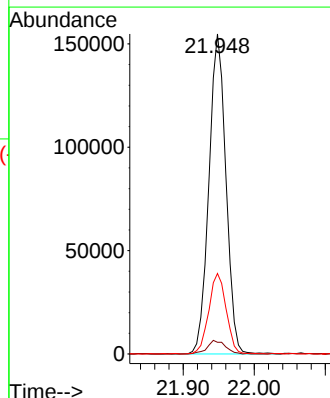
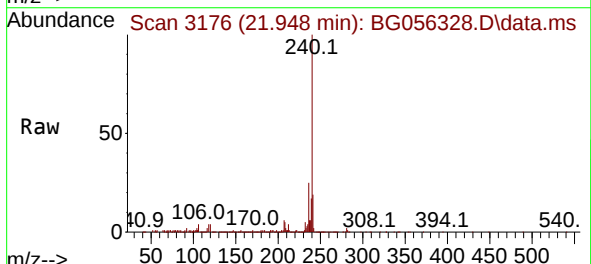
Tgt Ion:240 Resp: 257621

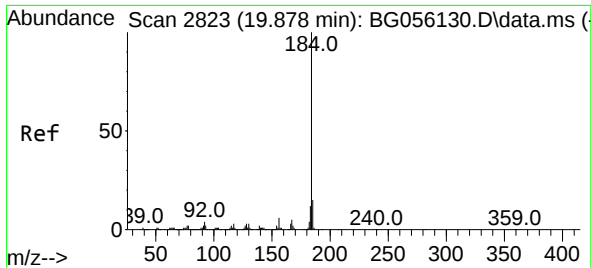
Ion Ratio Lower Upper

240 100

120 3.7 2.6 4.0

236 25.2 20.8 31.2

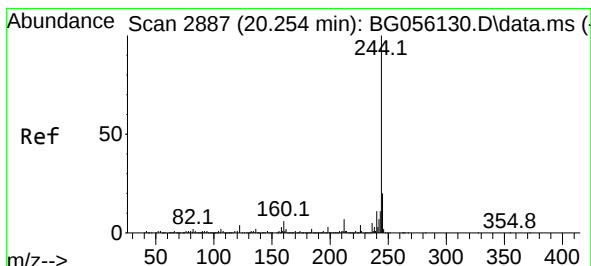
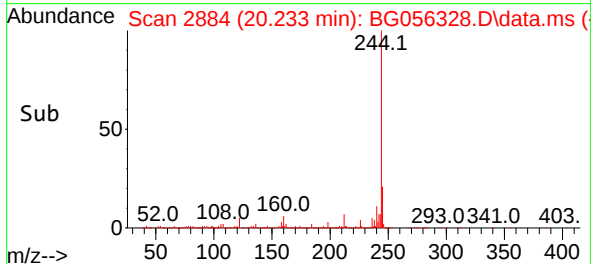
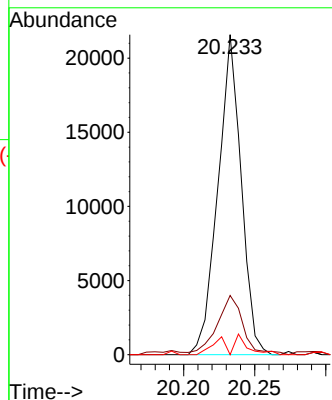
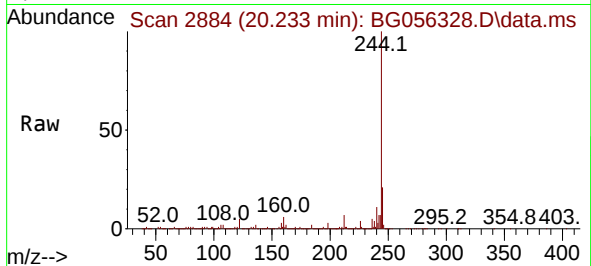




#77
Benzidine
Concen: 2.712 ng
RT: 20.233 min Scan# 2884
Delta R.T. 0.371 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

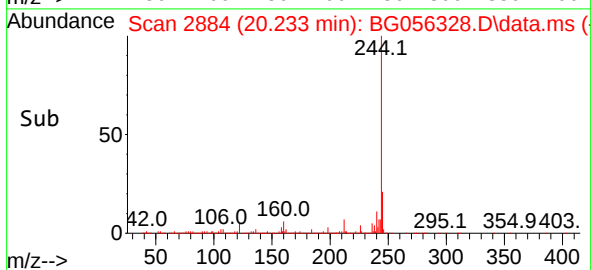
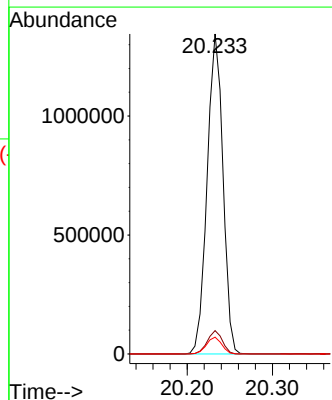
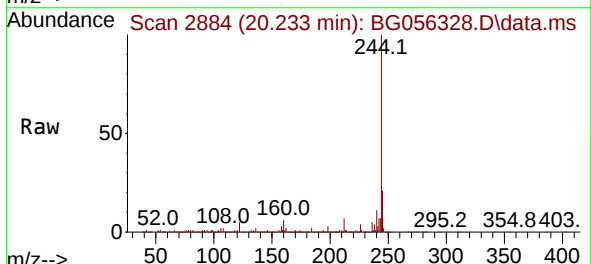
Instrument :
BNA_G
ClientSampleId :
WC-3

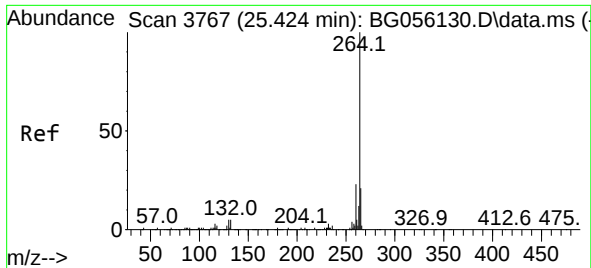
Tgt Ion:184 Resp: 24485
Ion Ratio Lower Upper
184 100
185 18.5 12.2 18.2#
183 0.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 120.381 ng
RT: 20.233 min Scan# 2884
Delta R.T. -0.005 min
Lab File: BG056328.D
Acq: 18 Jan 2023 14:33

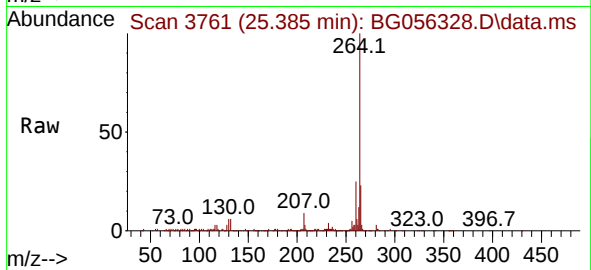
Tgt Ion:244 Resp: 1731530
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 5.2 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.385 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BG056328.D
 Acq: 18 Jan 2023 14:33

Instrument :
 BNA_G
 ClientSampleId :
 WC-3



Tgt Ion:264 Resp: 263493
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 28.0
 265 22.7 16.7 25.1

