

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059865.D
 Acq On : 24 Nov 2023 19:42
 Operator : MA/JU
 Sample : 05449-07RX
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-03

Quant Time: Nov 25 01:01:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

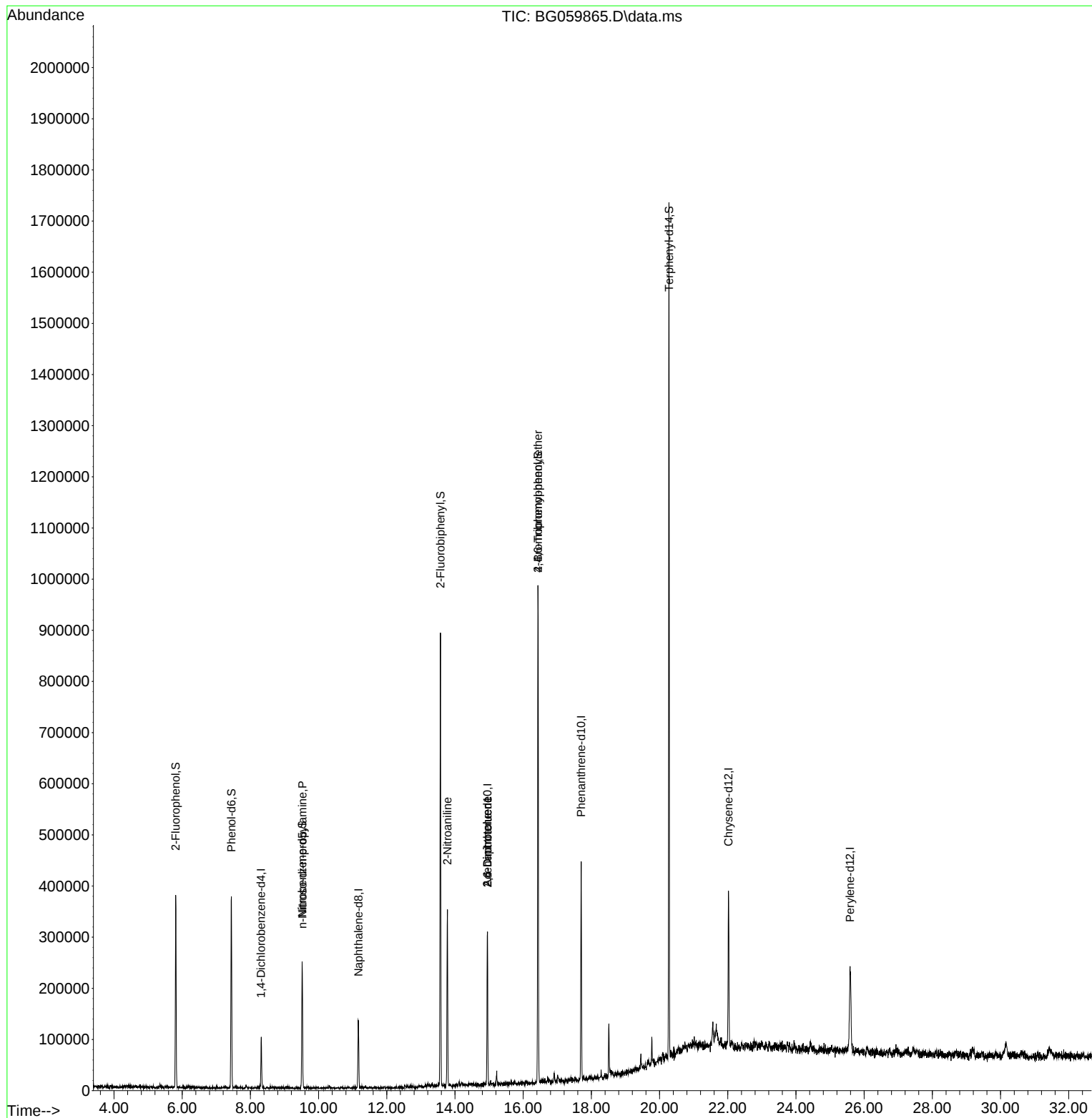
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	21250	20.000	ng	# 0.00
21) Naphthalene-d8	11.168	136	91972	20.000	ng	# 0.00
39) Acenaphthene-d10	14.952	164	91770	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	234391	20.000	ng	# 0.00
76) Chrysene-d12	22.020	240	175783	20.000	ng	#-0.01
86) Perylene-d12	25.586	264	200189	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	131502	104.158	ng	0.00
7) Phenol-d6	7.443	99	187032	99.967	ng	0.00
23) Nitrobenzene-d5	9.517	82	153934	63.922	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	138053	132.585	ng	0.00
45) 2-Fluorobiphenyl	13.571	172	379670	55.688	ng	0.00
79) Terphenyl-d14	20.275	244	674465	56.642	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.523	70	25520	17.321	ng	# 71
48) 2-Nitroaniline	13.777	65	11056	6.257	ng	# 13
51) 2,6-Dinitrotoluene	14.952	165	11682	8.659	ng	# 1
57) 2,4-Dinitrotoluene	14.952	165	11682	5.631	ng	# 4
67) 4-Bromophenyl-phenylether	16.438	248	10190	4.047	ng	# 1

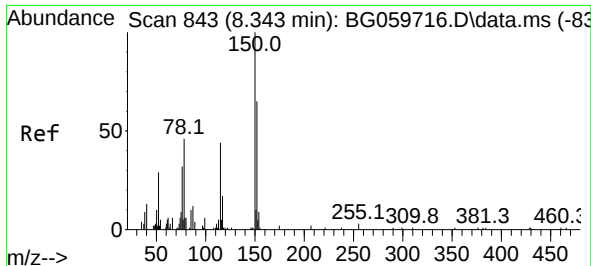
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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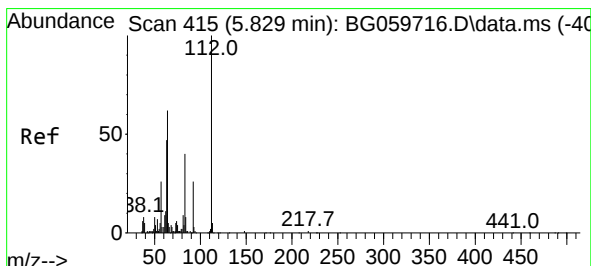
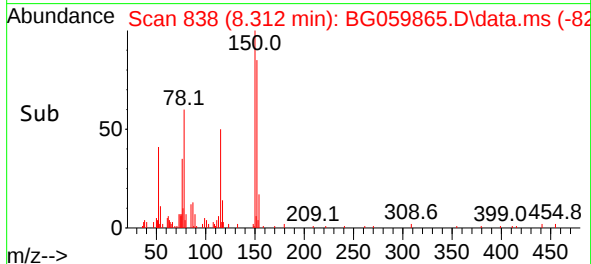
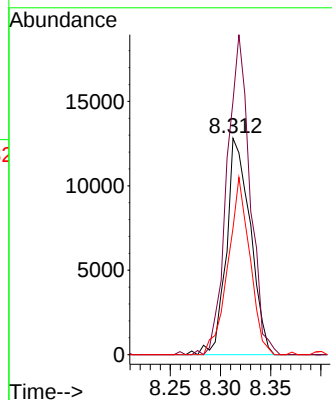
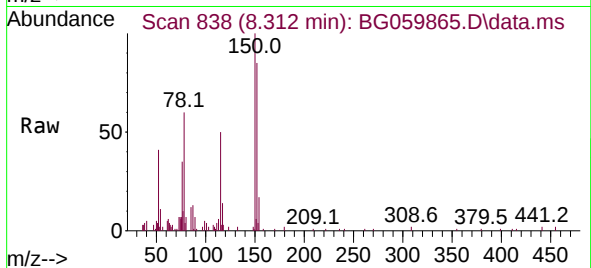




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.312 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

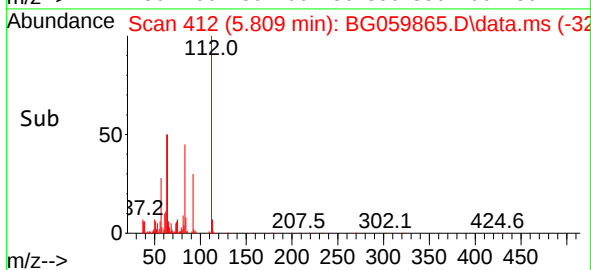
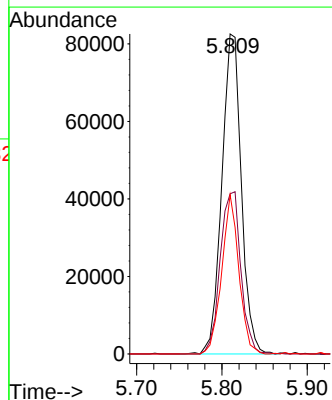
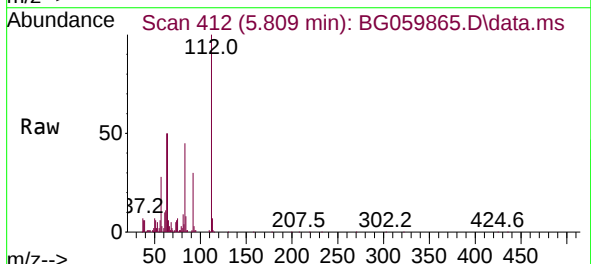
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

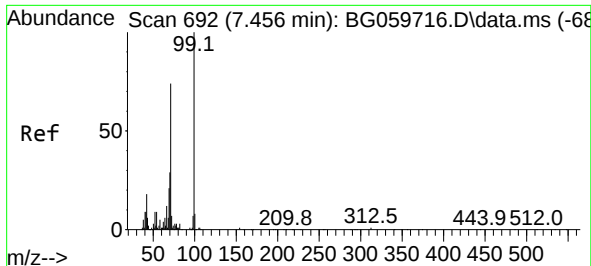
Tgt Ion:152 Resp: 21250
Ion Ratio Lower Upper
152 100
150 117.2 122.2 183.4#
115 58.4 54.2 81.4



#5
2-Fluorophenol
Concen: 104.158 ng
RT: 5.809 min Scan# 412
Delta R.T. -0.002 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

Tgt Ion:112 Resp: 131502
Ion Ratio Lower Upper
112 100
64 50.1 49.5 74.3
63 49.8 37.4 56.2

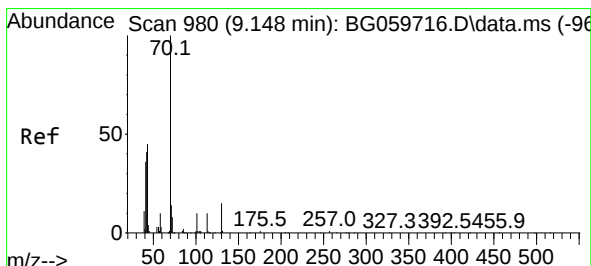
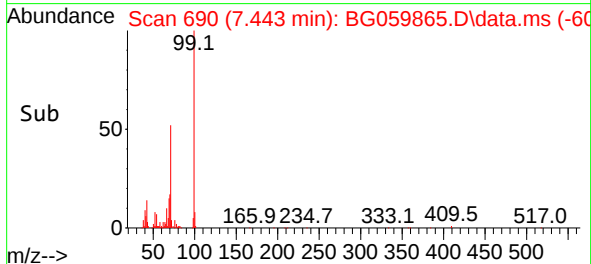
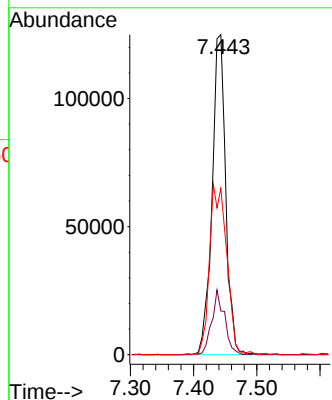
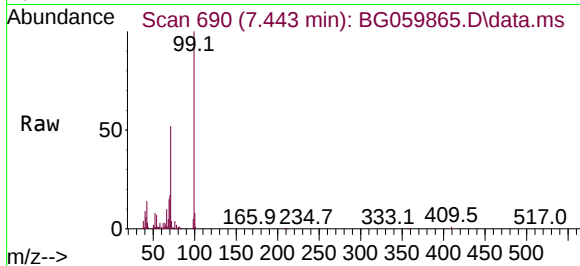




#7
Phenol-d6
Concen: 99.967 ng
RT: 7.443 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

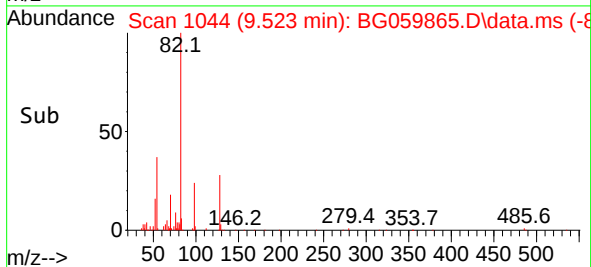
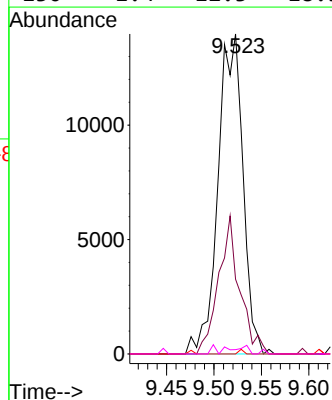
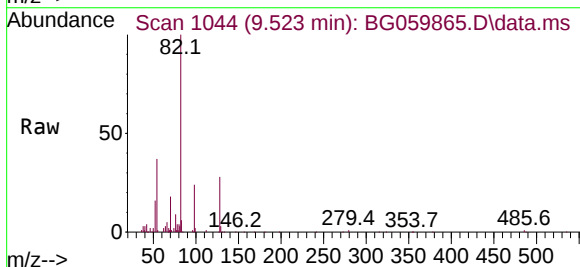
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

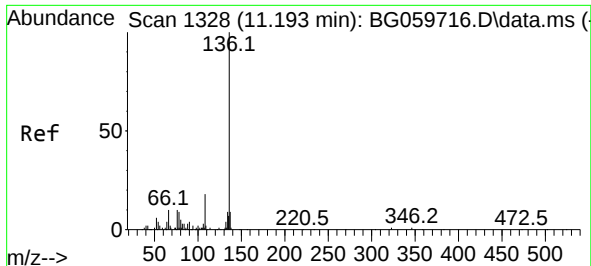
Tgt Ion: 99 Resp: 187032
Ion Ratio Lower Upper
99 100
42 13.6 14.3 21.5#
71 52.0 59.3 88.9#



#19
n-Nitroso-di-n-propylamine
Concen: 17.321 ng
RT: 9.523 min Scan# 1044
Delta R.T. 0.391 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

Tgt Ion: 70 Resp: 25520
Ion Ratio Lower Upper
70 100
42 23.3 32.8 49.2#
101 0.0 7.7 11.5#
130 1.4 12.3 18.5#

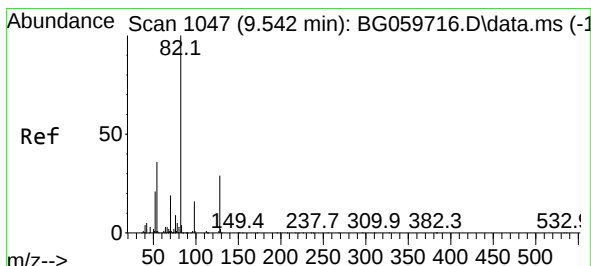
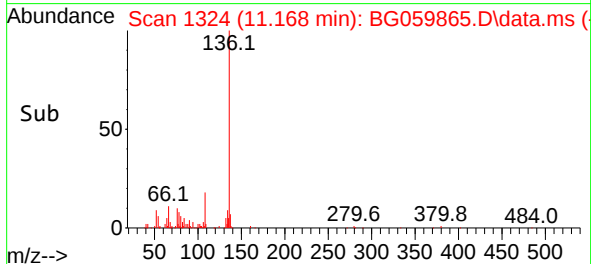
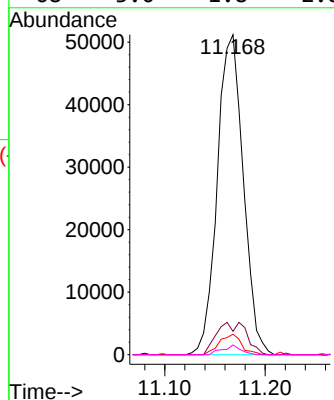
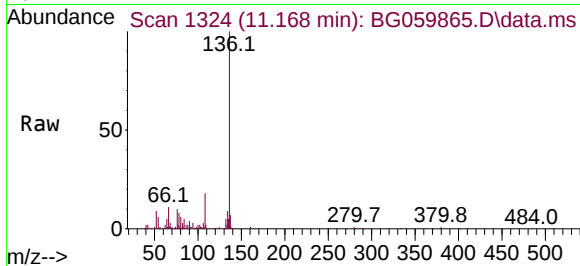




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 1116
Delta R.T. -0.002 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

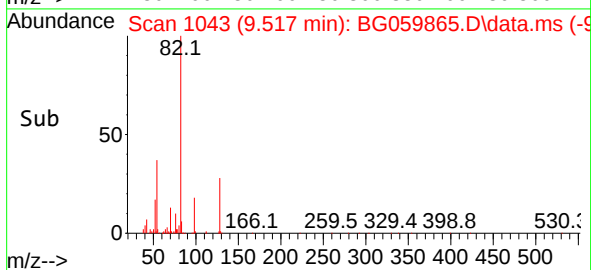
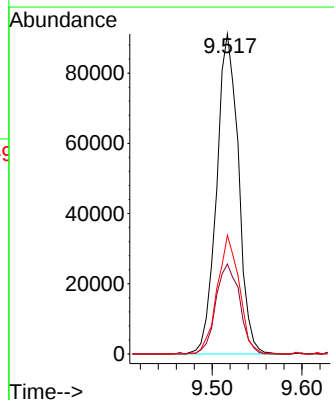
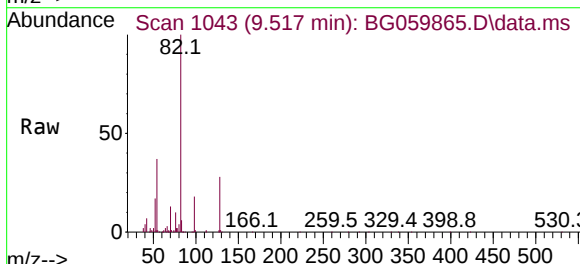
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

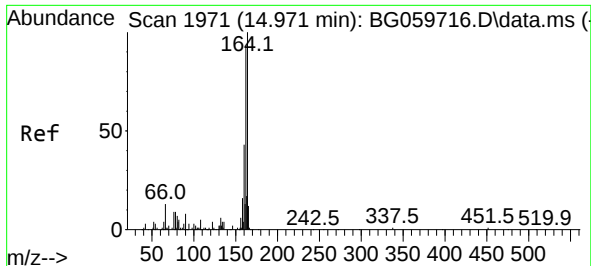
Tgt Ion:	136	Resp:	91972
Ion Ratio	Lower	Upper	
136	100		
137	7.3	7.4	11.0#
54	6.4	3.1	4.7#
68	3.0	1.8	2.8#



#23
Nitrobenzene-d5
Concen: 63.922 ng
RT: 9.517 min Scan# 1043
Delta R.T. -0.008 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

Tgt Ion:	82	Resp:	153934
Ion Ratio	Lower	Upper	
82	100		
128	28.1	23.0	34.6
54	37.1	28.7	43.1

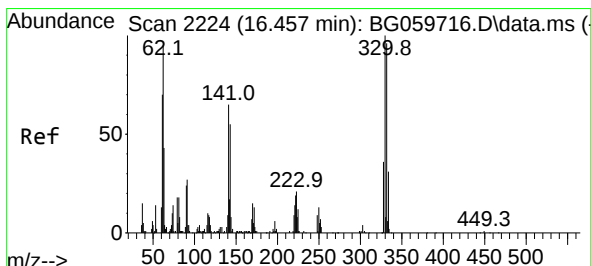
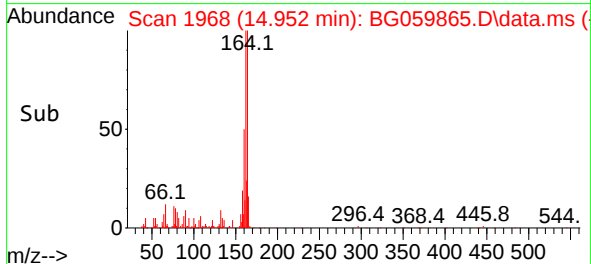
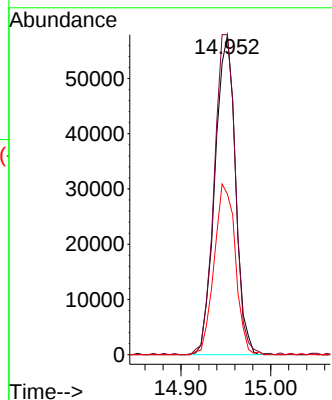
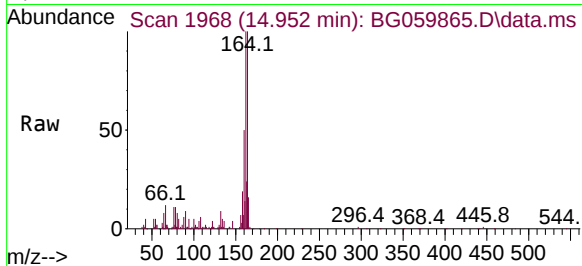




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.952 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

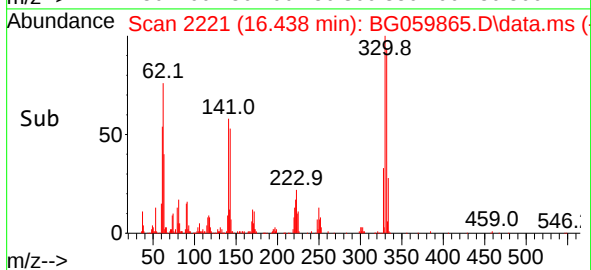
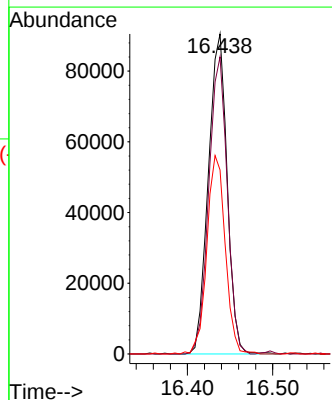
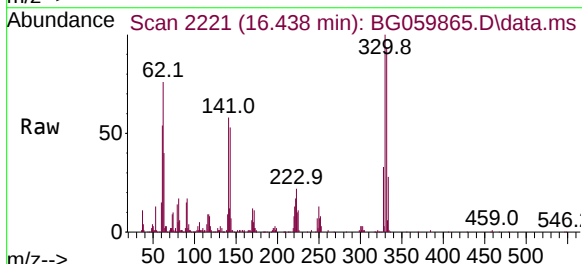
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

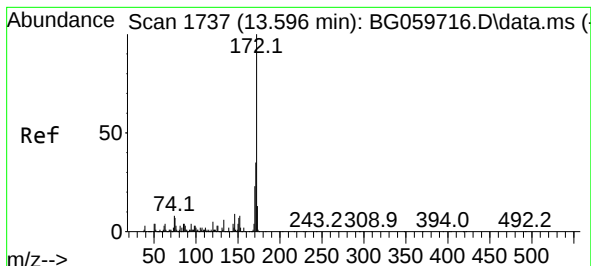
Tgt Ion:164 Resp: 91770
Ion Ratio Lower Upper
164 100
162 100.2 73.3 109.9
160 50.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 132.585 ng
RT: 16.438 min Scan# 2221
Delta R.T. -0.002 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

Tgt Ion:330 Resp: 138053
Ion Ratio Lower Upper
330 100
332 91.5 73.3 109.9
141 60.9 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 55.688 ng

RT: 13.571 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

Instrument :

BNA_G

ClientSampleId :

WC-SED-03

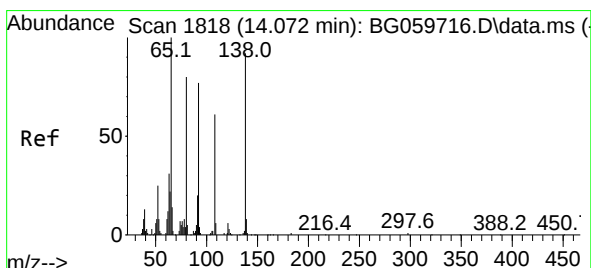
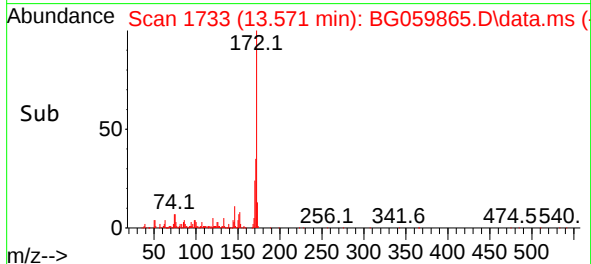
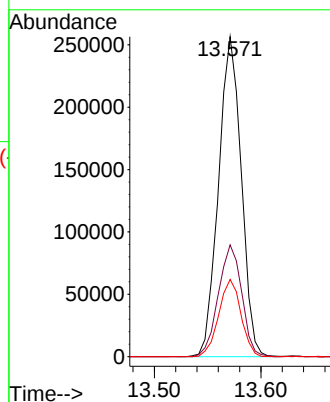
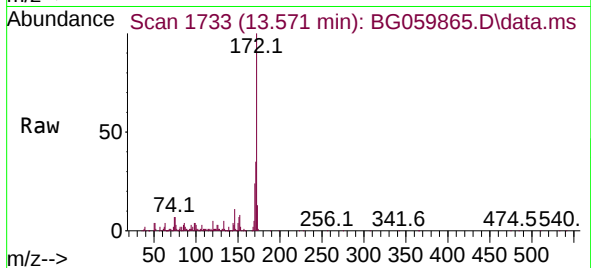
Tgt Ion:172 Resp: 379670

Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 24.1 18.4 27.6



#48

2-Nitroaniline

Concen: 6.257 ng

RT: 13.777 min Scan# 1768

Delta R.T. -0.290 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

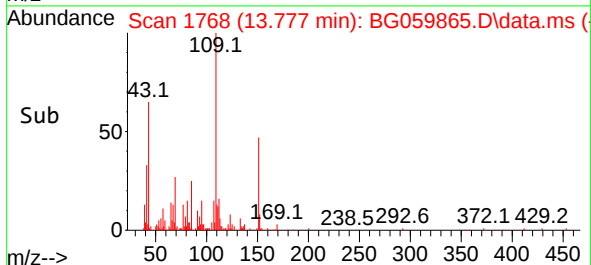
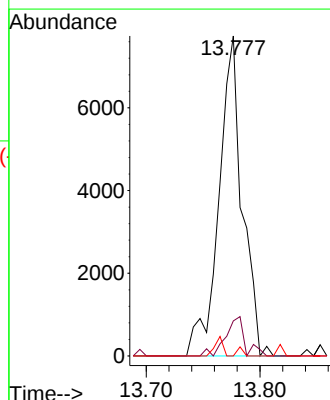
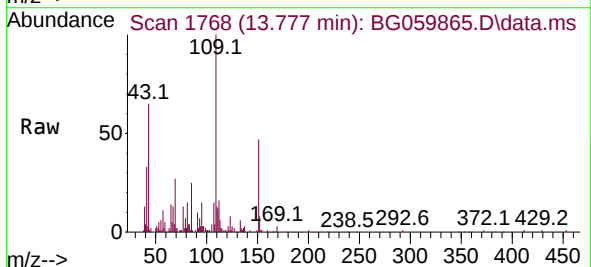
Tgt Ion: 65 Resp: 11056

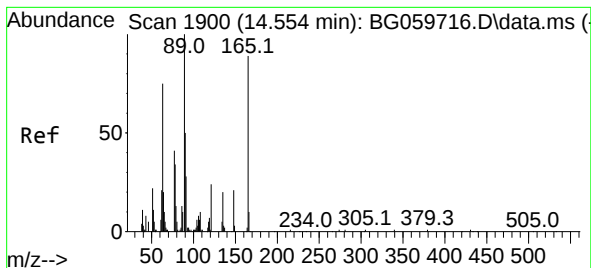
Ion Ratio Lower Upper

65 100

92 11.0 61.2 91.8#

138 0.0 73.8 110.6#

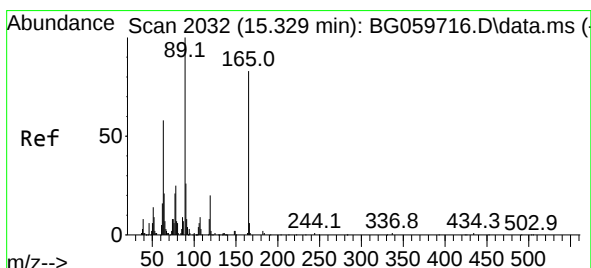
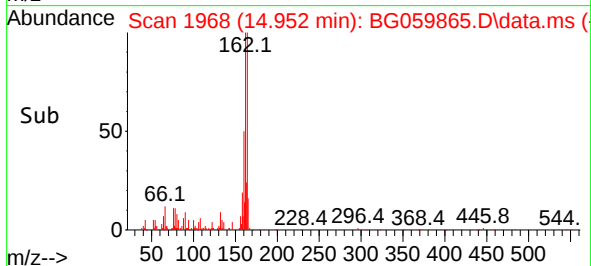
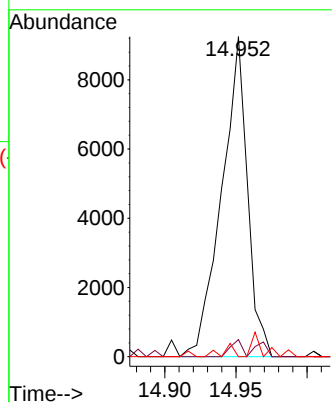
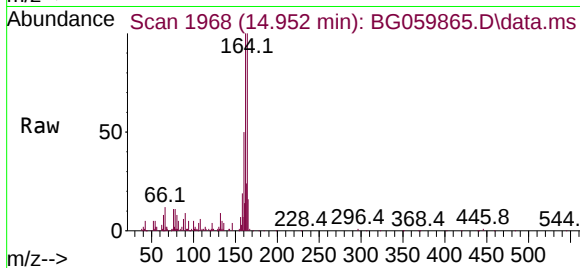




#51
2,6-Dinitrotoluene
Concen: 8.659 ng
RT: 14.952 min Scan# 1968
Delta R.T. 0.409 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

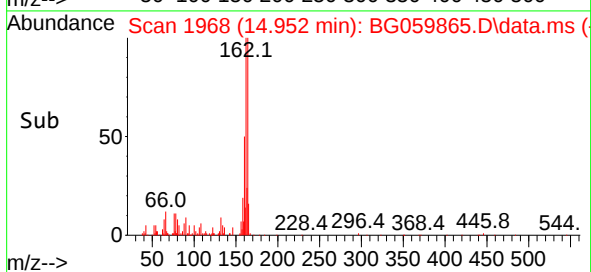
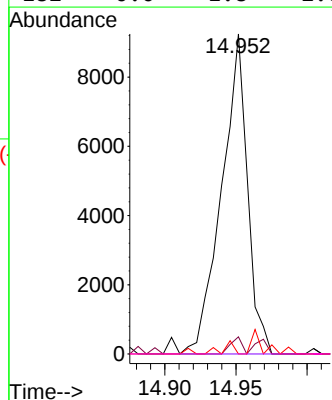
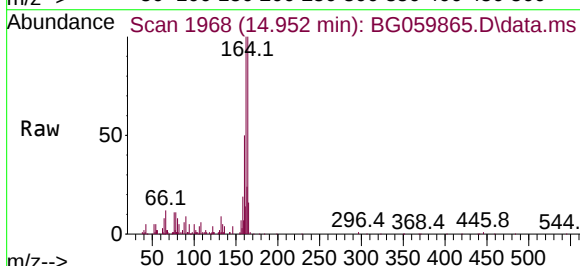
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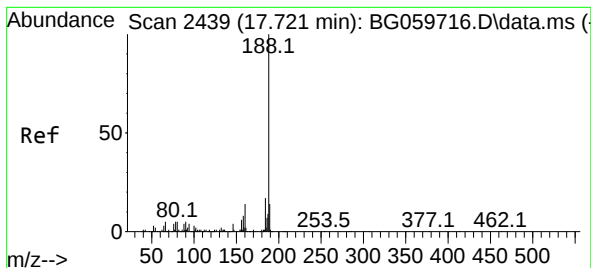
Tgt Ion:165 Resp: 11682
Ion Ratio Lower Upper
165 100
63 5.3 75.3 112.9#
89 0.0 90.9 136.3#



#57
2,4-Dinitrotoluene
Concen: 5.631 ng
RT: 14.952 min Scan# 1968
Delta R.T. -0.372 min
Lab File: BG059865.D
Acq: 24 Nov 2023 19:42

Tgt Ion:165 Resp: 11682
Ion Ratio Lower Upper
165 100
63 5.3 55.8 83.8#
89 0.0 96.9 145.3#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.701 min Scan# 2439

Delta R.T. -0.008 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

Instrument :

BNA_G

ClientSampleId :

WC-SED-03

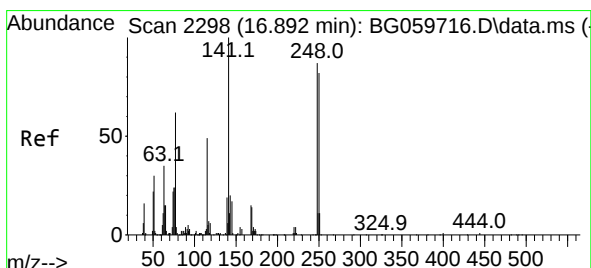
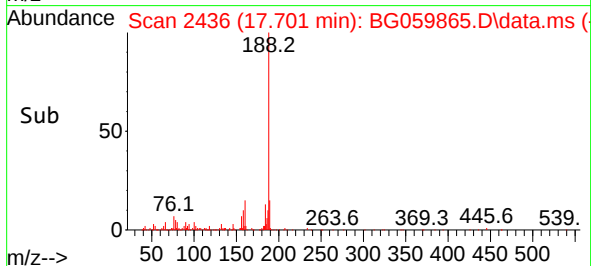
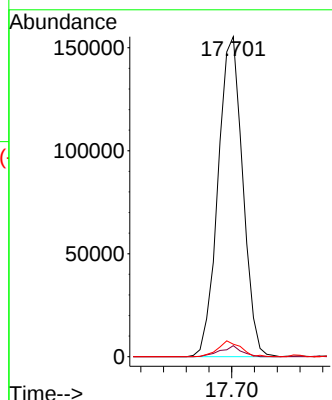
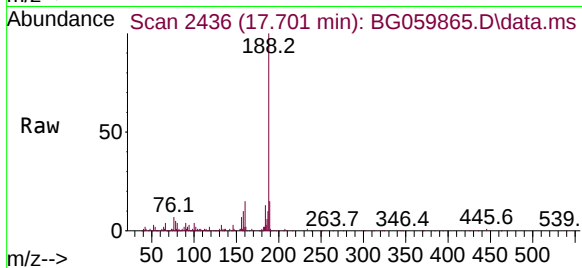
Tgt Ion:188 Resp: 234391

Ion Ratio Lower Upper

188 100

94 3.4 3.0 4.4

80 3.9 4.2 6.4#



#67

4-Bromophenyl-phenylether

Concen: 4.047 ng

RT: 16.438 min Scan# 2221

Delta R.T. -0.443 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

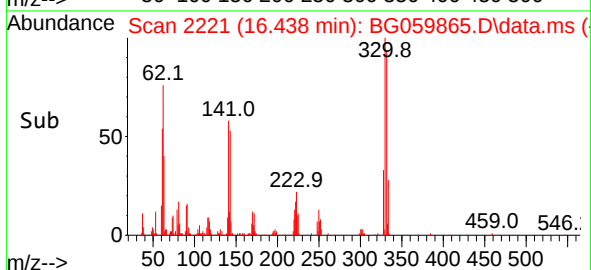
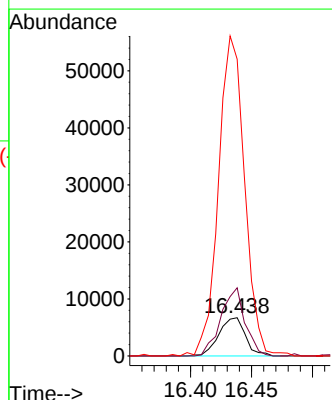
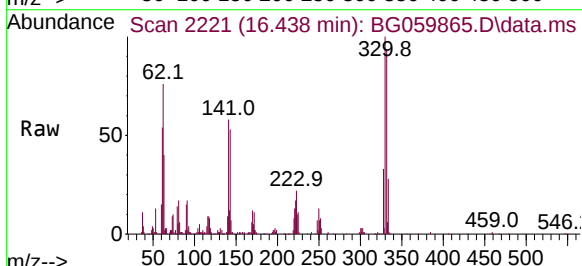
Tgt Ion:248 Resp: 10190

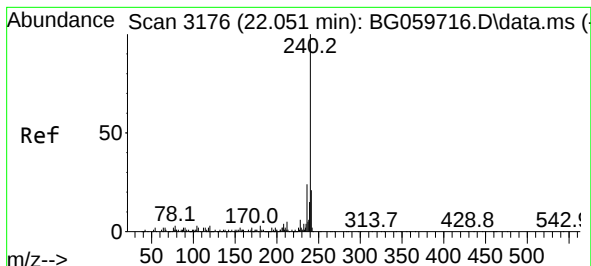
Ion Ratio Lower Upper

248 100

250 178.1 75.2 112.8#

141 775.2 91.5 137.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.020 min Scan# 3176

Delta R.T. -0.014 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

Instrument :

BNA_G

ClientSampleId :

WC-SED-03

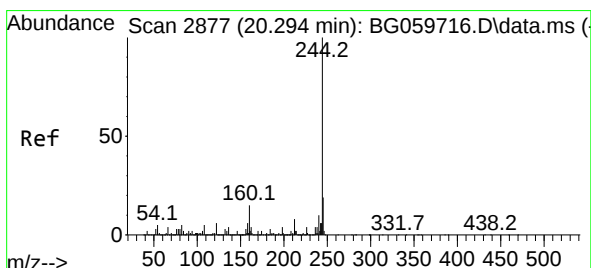
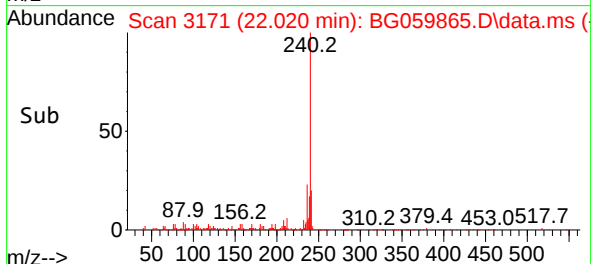
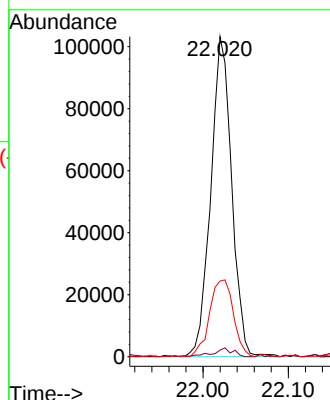
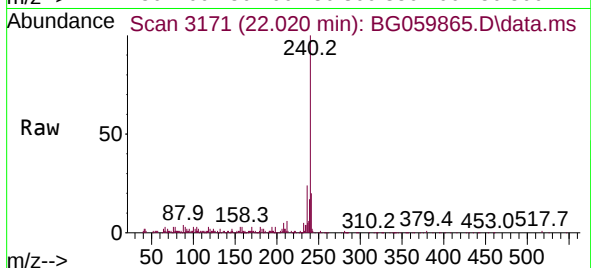
Tgt Ion:240 Resp: 175783

Ion Ratio Lower Upper

240 100

120 2.0 2.2 3.2#

236 23.7 19.4 29.2



#79

Terphenyl-d14

Concen: 56.642 ng

RT: 20.275 min Scan# 2874

Delta R.T. -0.008 min

Lab File: BG059865.D

Acq: 24 Nov 2023 19:42

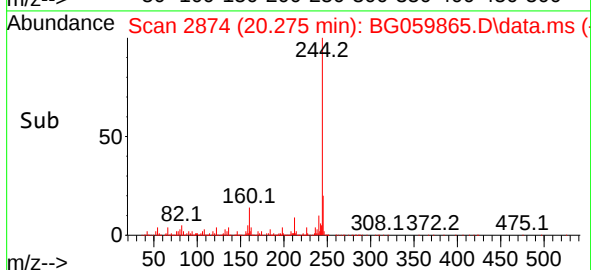
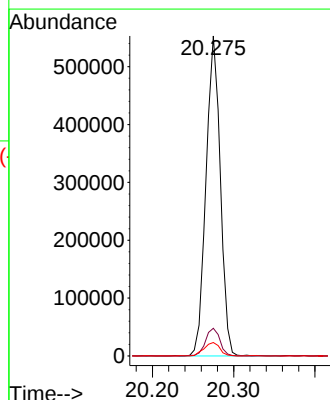
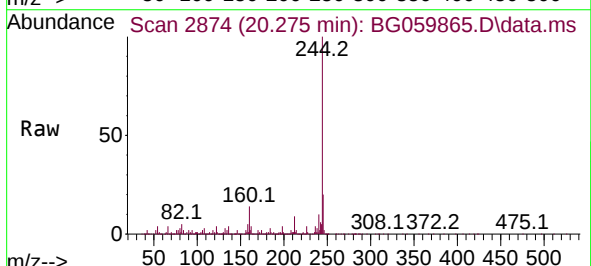
Tgt Ion:244 Resp: 674465

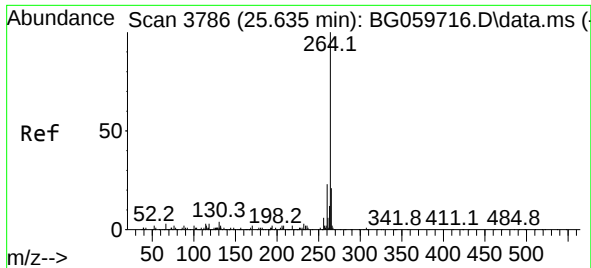
Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

122 4.2 4.4 6.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.586 min Scan# 31
 Delta R.T. -0.026 min
 Lab File: BG059865.D
 Acq: 24 Nov 2023 19:42

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-03

Tgt Ion:264 Resp: 200189
 Ion Ratio Lower Upper
 264 100
 260 21.1 18.5 27.7
 265 24.0 17.0 25.6

