

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059833.D
 Acq On : 23 Nov 2023 1:08
 Operator : MA/JU
 Sample : 05449-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-04

Quant Time: Nov 23 01:48:46 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 17 01:51:38 2023
 Response via : Initial Calibration

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

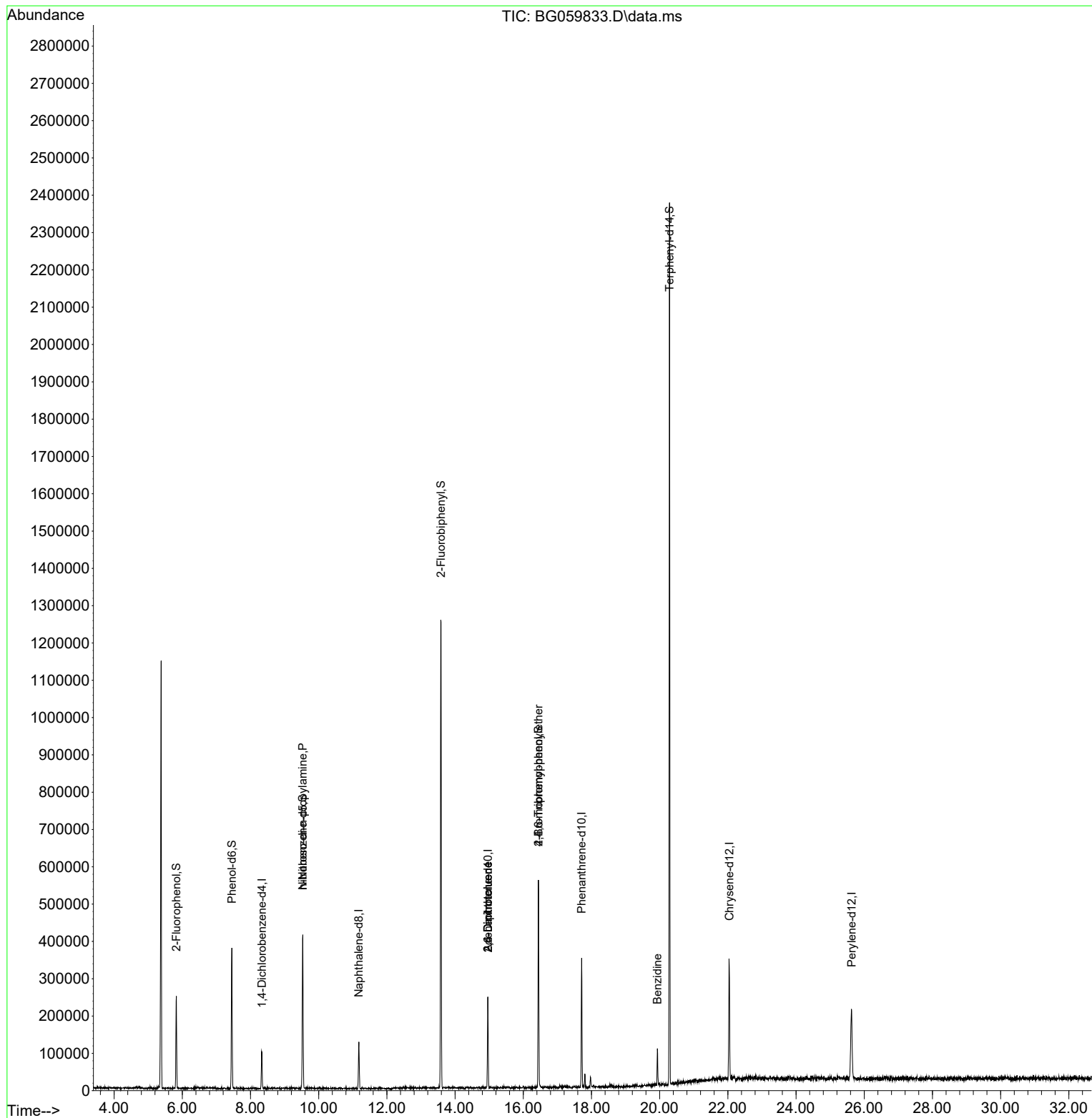
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	21576	20.000	ng	0.00
21) Naphthalene-d8	11.178	136	80081	20.000	ng	#-0.01
39) Acenaphthene-d10	14.962	164	72926	20.000	ng	# 0.00
64) Phenanthrene-d10	17.712	188	184528	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	193182	20.000	ng	# 0.00
86) Perylene-d12	25.632	264	221690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	84156	65.650	ng	0.00
7) Phenol-d6	7.453	99	161868	85.210	ng	0.00
23) Nitrobenzene-d5	9.533	82	254855	121.545	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	73111	88.359	ng	0.00
45) 2-Fluorobiphenyl	13.587	172	562764	103.873	ng	0.00
79) Terphenyl-d14	20.291	244	964461	73.702	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.533	70	41268	27.587	ng	# 81
51) 2,6-Dinitrotoluene	14.962	165	9711	9.058	ng	# 1
57) 2,4-Dinitrotoluene	14.962	165	9711	5.890	ng	# 3
67) 4-Bromophenyl-phenylether	16.449	248	6696	3.378	ng	# 1
77) Benzidine	19.933	184	42792	9.769	ng	# 96

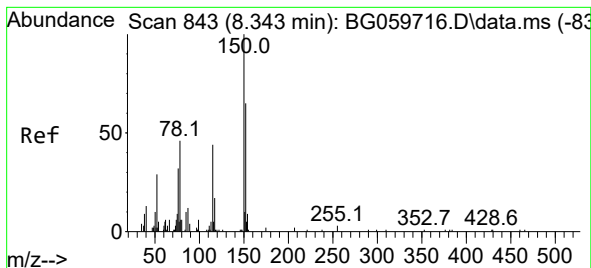
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
Data File : BG059833.D
Acq On : 23 Nov 2023 1:08
Operator : MA/JU
Sample : 05449-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-SED-04

Quant Time: Nov 23 01:48:46 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 17 01:51:38 2023
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.335 min Scan# 84

Delta R.T. -0.008 min

Lab File: BG059833.D

Acq: 23 Nov 2023 1:08

Instrument :

BNA_G

ClientSampleId :

WC-SED-04

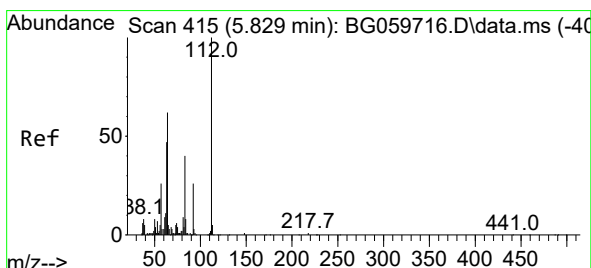
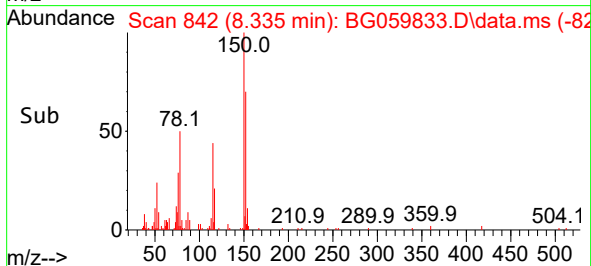
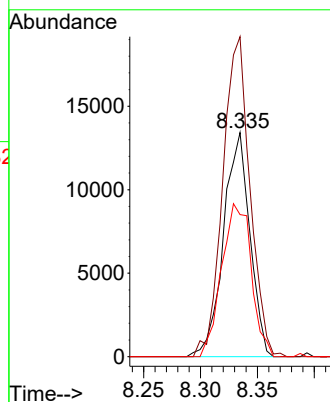
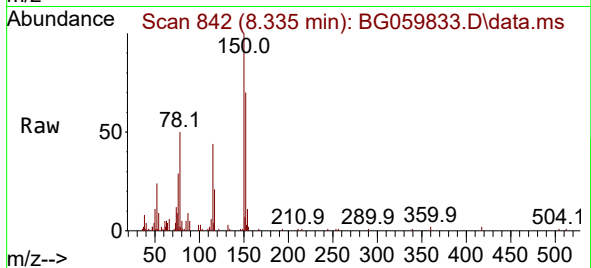
Tgt Ion:152 Resp: 21576

Ion Ratio Lower Upper

152 100

150 142.7 122.2 183.4

115 63.3 54.2 81.4



#5

2-Fluorophenol

Concen: 65.650 ng

RT: 5.826 min Scan# 415

Delta R.T. -0.003 min

Lab File: BG059833.D

Acq: 23 Nov 2023 1:08

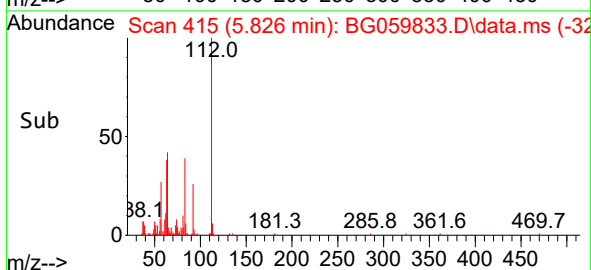
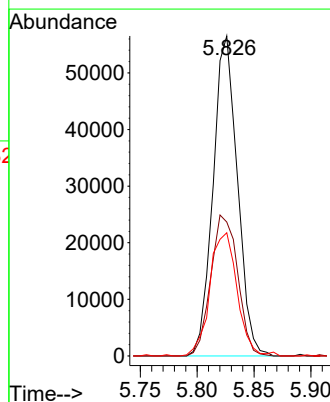
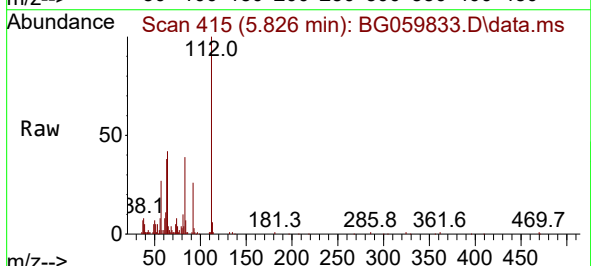
Tgt Ion:112 Resp: 84156

Ion Ratio Lower Upper

112 100

64 41.8 49.5 74.3#

63 38.5 37.4 56.2

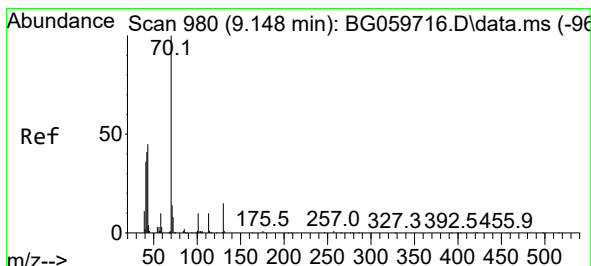
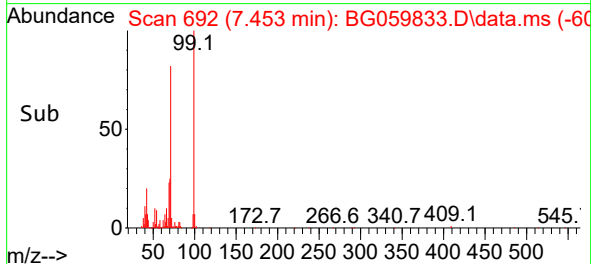
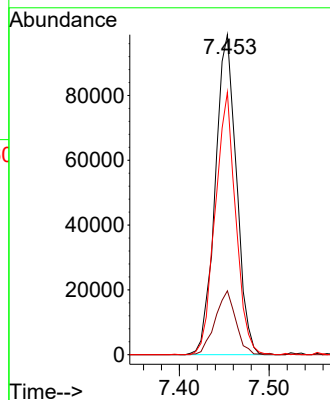
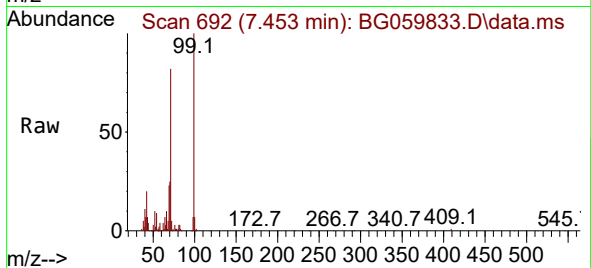




#7
Phenol-d6
Concen: 85.210 ng
RT: 7.453 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

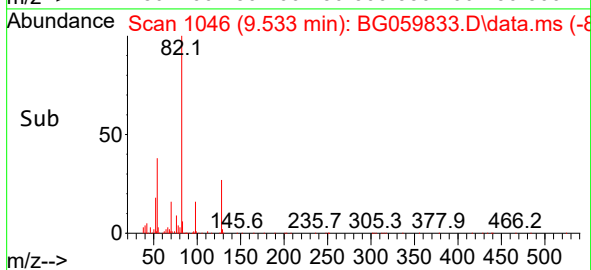
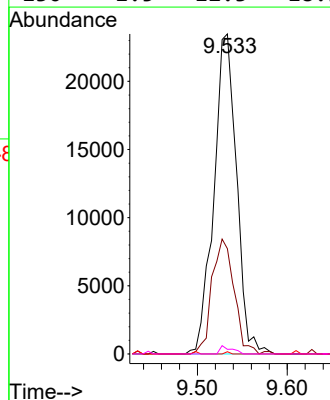
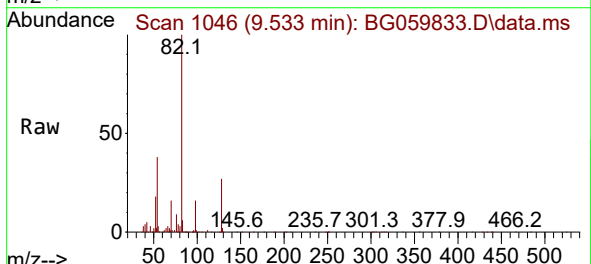
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

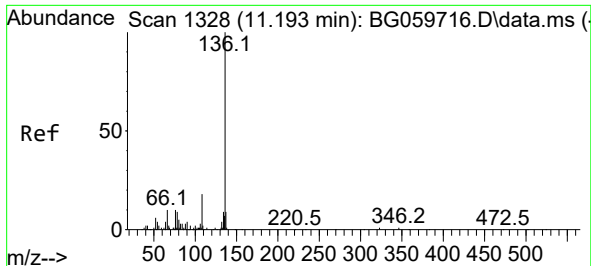
Tgt Ion: 99 Resp: 161868
Ion Ratio Lower Upper
99 100
42 19.9 14.3 21.5
71 82.0 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 27.587 ng
RT: 9.533 min Scan# 1046
Delta R.T. 0.385 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion: 70 Resp: 41268
Ion Ratio Lower Upper
70 100
42 32.9 32.8 49.2
101 0.7 7.7 11.5#
130 1.5 12.3 18.5#

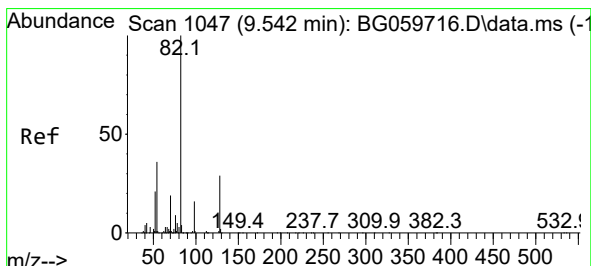
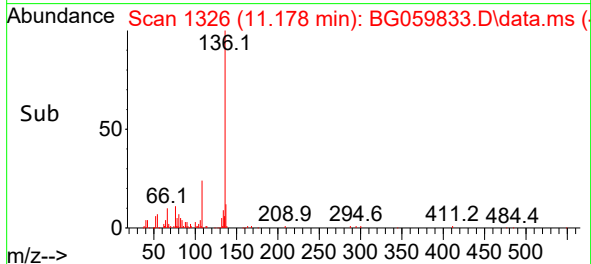
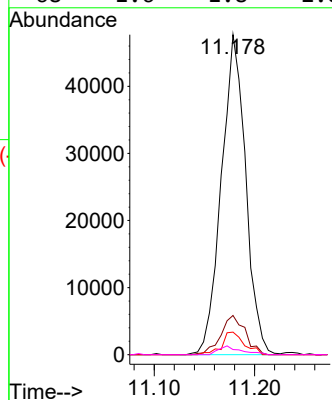
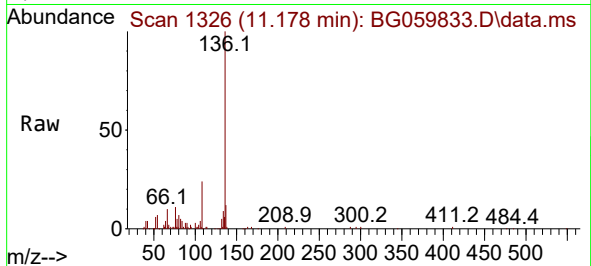




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.178 min Scan# 111
Delta R.T. -0.015 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

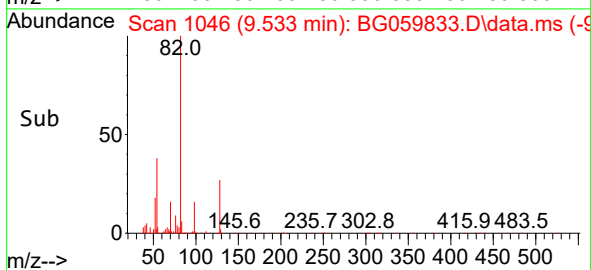
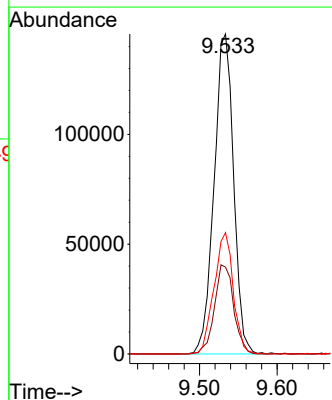
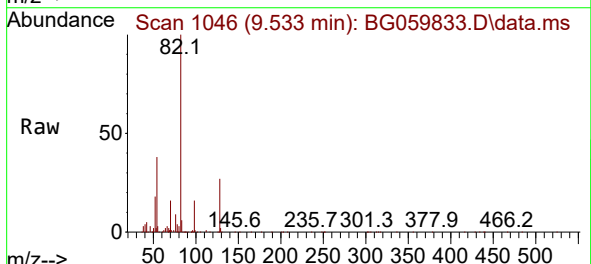
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

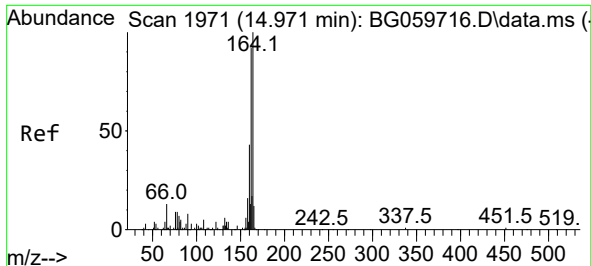
Tgt Ion:	136	Resp:	80081
Ion Ratio	Lower	Upper	
136	100		
137	12.2	7.4	11.0#
54	7.1	3.1	4.7#
68	1.6	1.8	2.8#



#23
Nitrobenzene-d5
Concen: 121.545 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion:	82	Resp:	254855
Ion Ratio	Lower	Upper	
82	100		
128	27.1	23.0	34.6
54	37.9	28.7	43.1

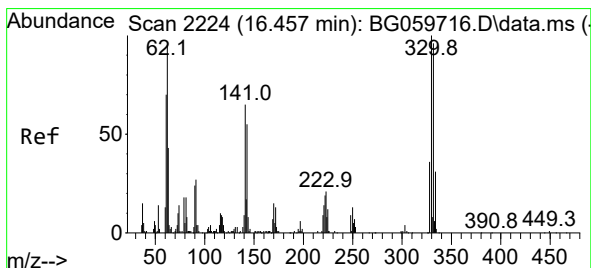
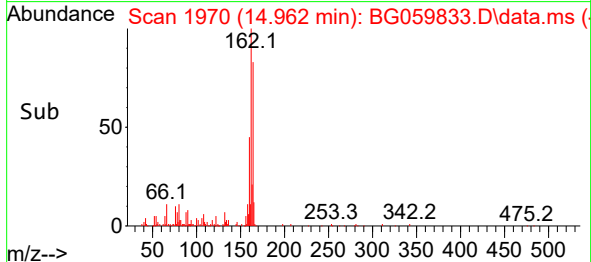
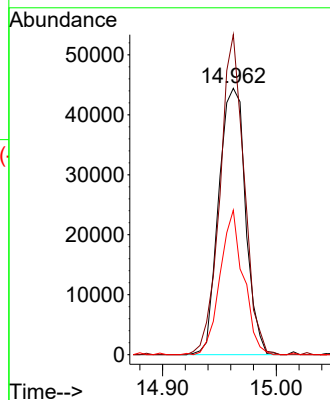
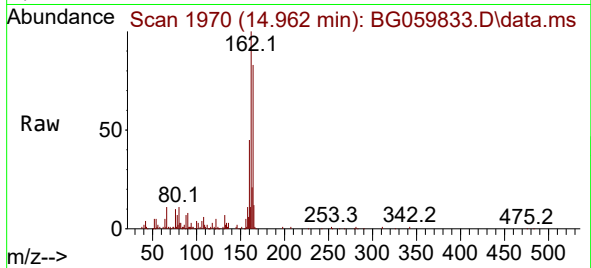




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

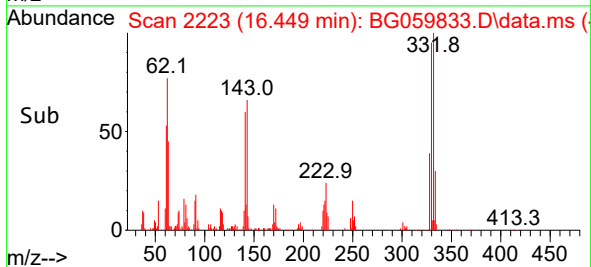
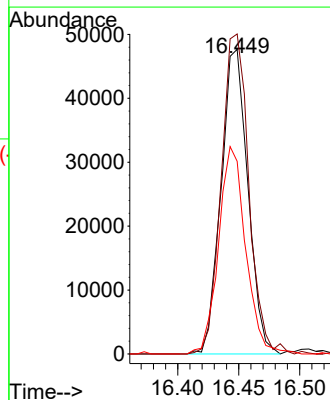
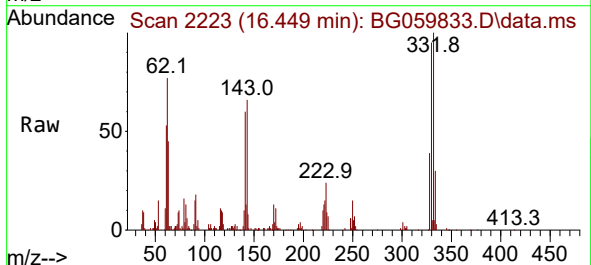
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

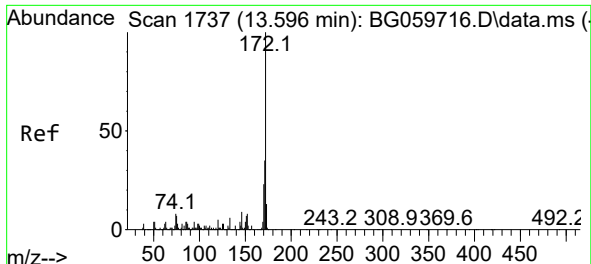
Tgt Ion:164 Resp: 72926
Ion Ratio Lower Upper
164 100
162 120.1 73.3 109.9#
160 54.3 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 88.359 ng
RT: 16.449 min Scan# 2223
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion:330 Resp: 73111
Ion Ratio Lower Upper
330 100
332 107.8 73.3 109.9
141 68.6 52.1 78.1

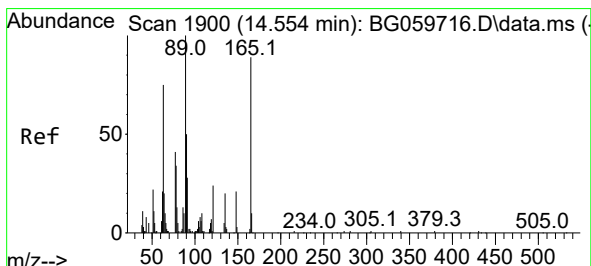
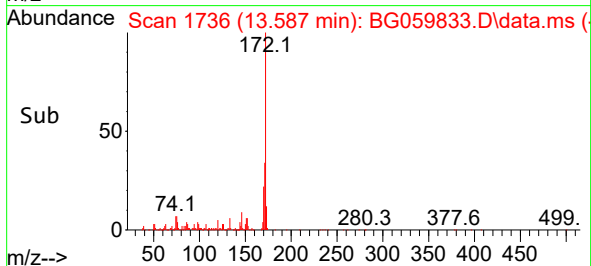
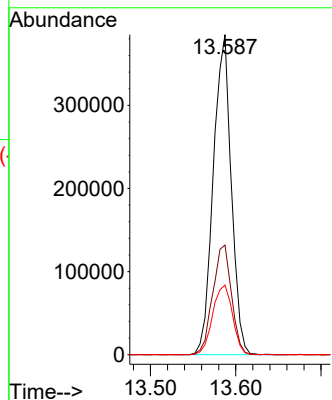
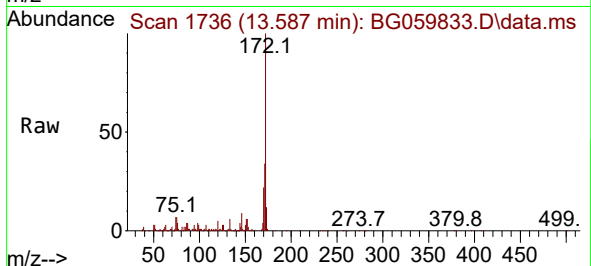




#45
2-Fluorobiphenyl
Concen: 103.873 ng
RT: 13.587 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

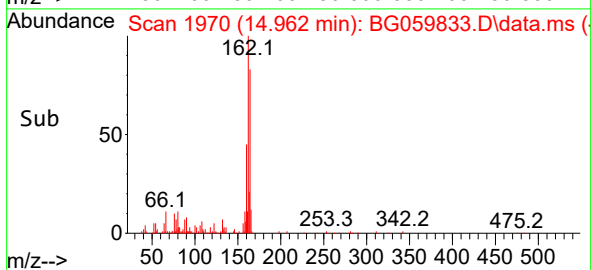
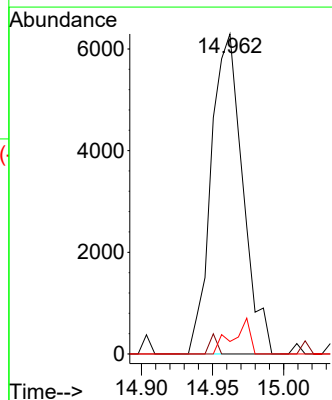
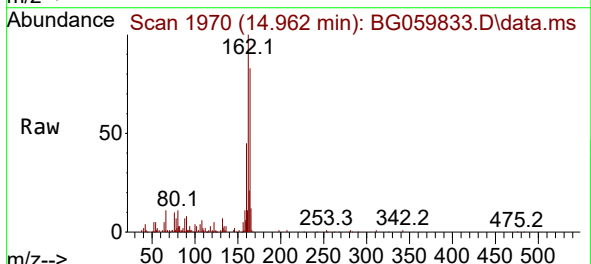
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

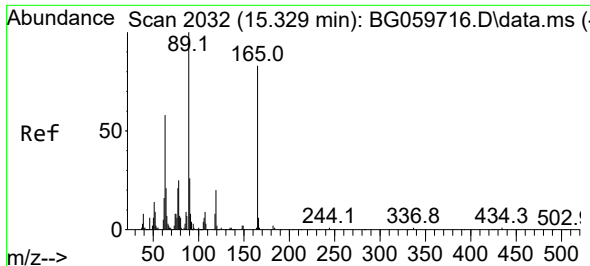
Tgt Ion:172 Resp: 562764
Ion Ratio Lower Upper
172 100
171 34.3 27.7 41.5
170 21.8 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.058 ng
RT: 14.962 min Scan# 1970
Delta R.T. 0.409 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion:165 Resp: 9711
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 3.9 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 5.890 ng

RT: 14.962 min Scan# 14962

Delta R.T. -0.367 min

Lab File: BG059833.D

Acq: 23 Nov 2023 1:08

Instrument :

BNA_G

ClientSampleId :

WC-SED-04

Tgt Ion:165 Resp: 9711

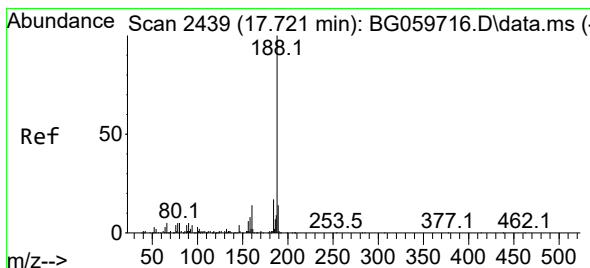
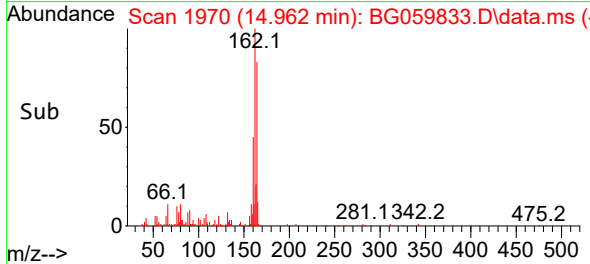
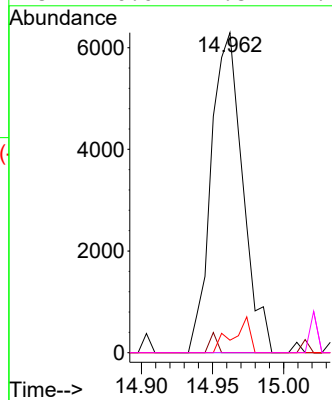
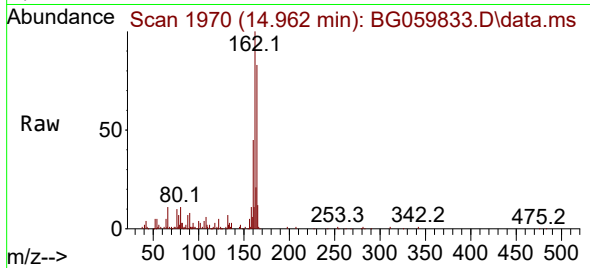
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 3.9 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BG059833.D

Acq: 23 Nov 2023 1:08

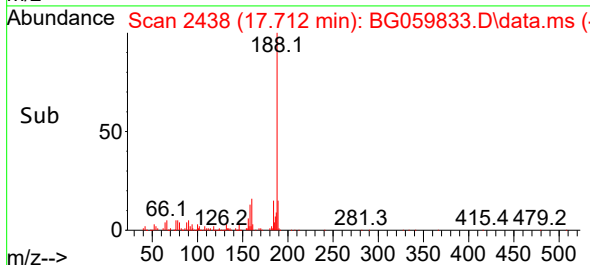
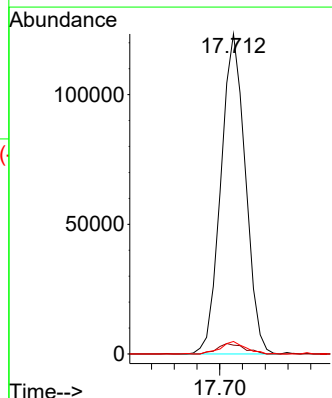
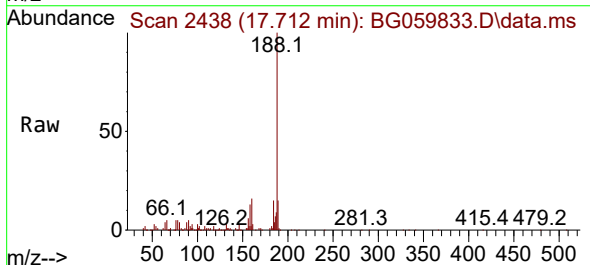
Tgt Ion:188 Resp: 184528

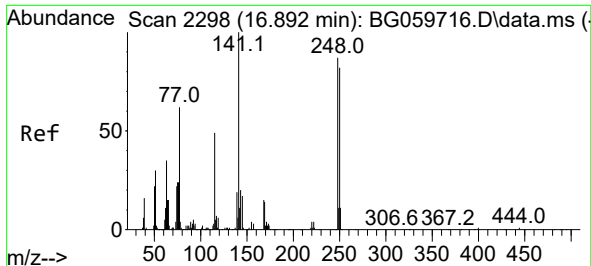
Ion Ratio Lower Upper

188 100

94 4.0 3.0 4.4

80 3.9 4.2 6.4#

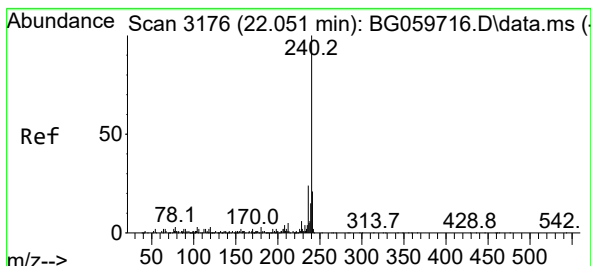
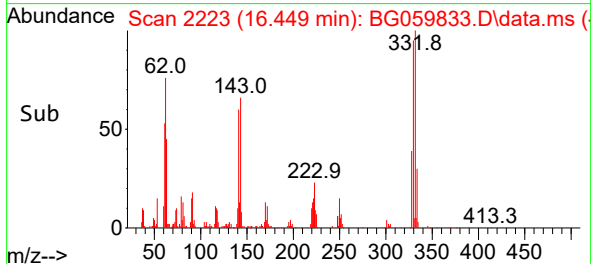
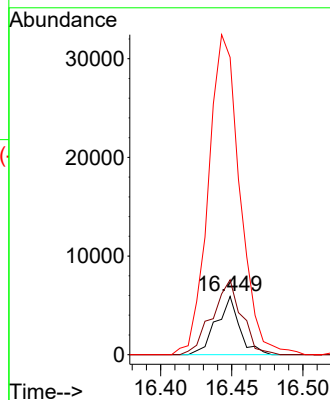
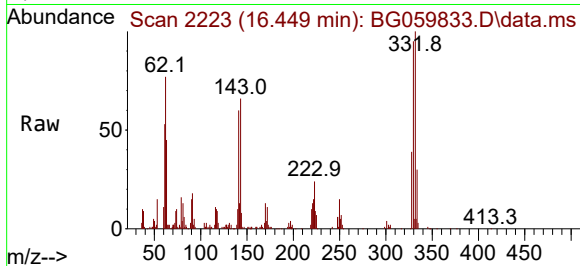




#67
4-Bromophenyl-phenylether
Concen: 3.378 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

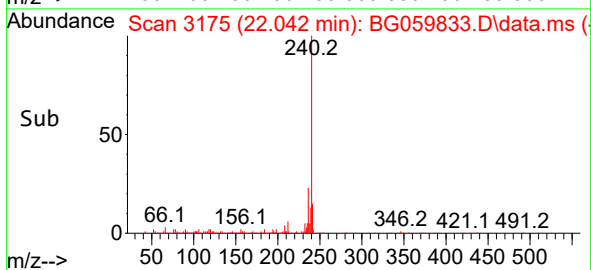
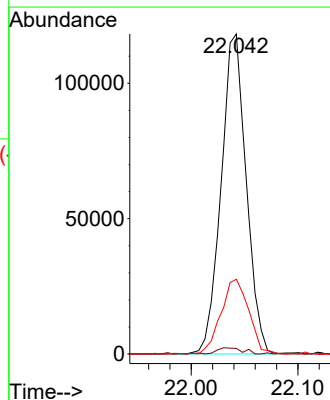
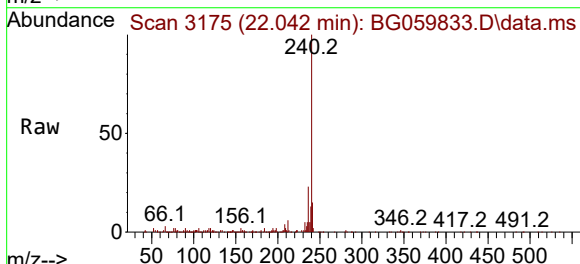
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

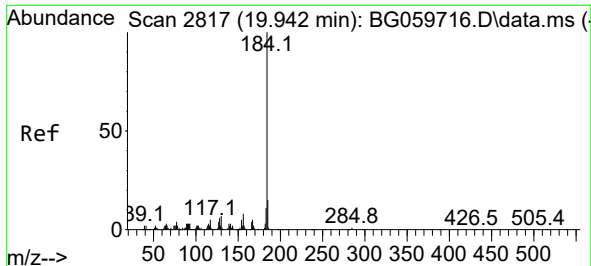
Tgt Ion:248 Resp: 6696
Ion Ratio Lower Upper
248 100
250 128.4 75.2 112.8#
141 510.3 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion:240 Resp: 193182
Ion Ratio Lower Upper
240 100
120 1.8 2.2 3.2#
236 23.3 19.4 29.2

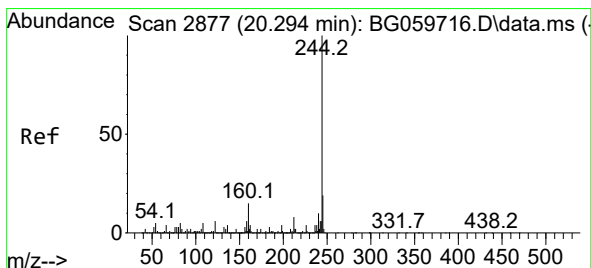
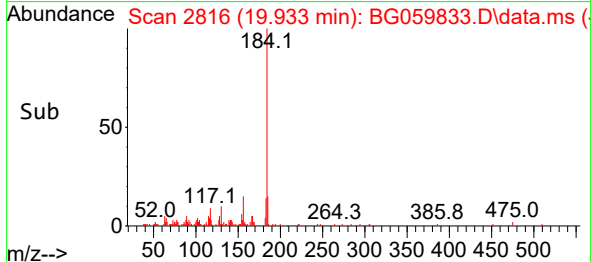
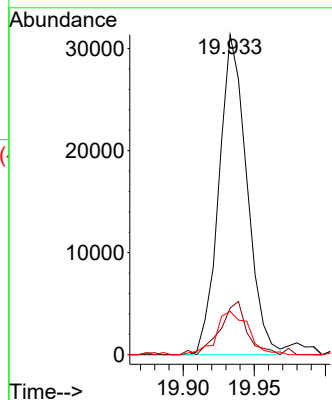
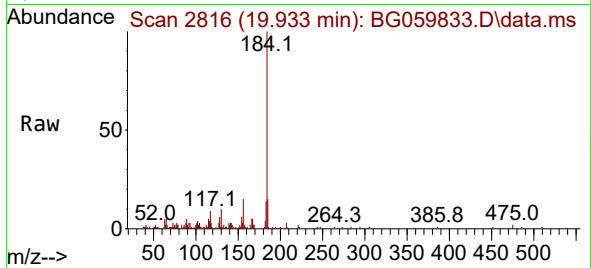




#77
Benzidine
Concen: 9.769 ng
RT: 19.933 min Scan# 2816
Delta R.T. -0.009 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

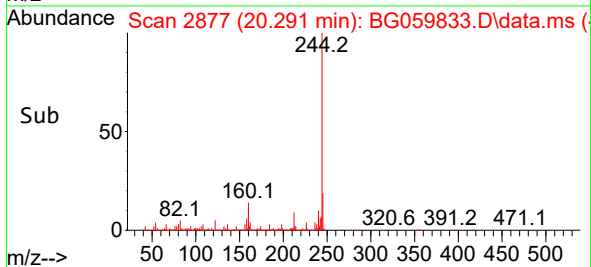
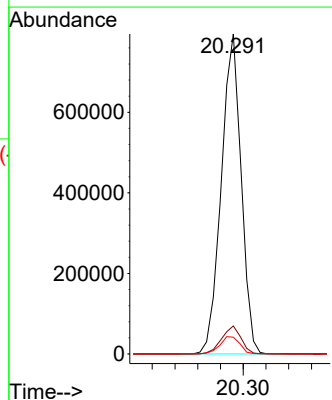
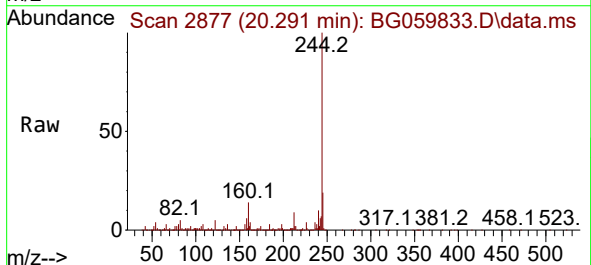
Instrument :
BNA_G
ClientSampleId :
WC-SED-04

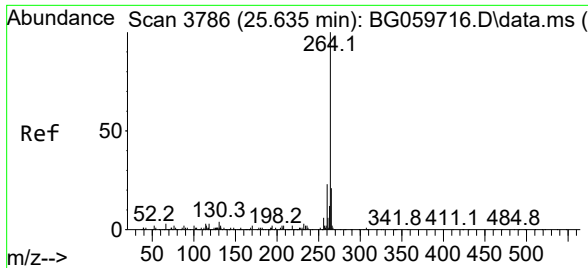
Tgt Ion:184 Resp: 42792
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 13.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 73.702 ng
RT: 20.291 min Scan# 2877
Delta R.T. -0.003 min
Lab File: BG059833.D
Acq: 23 Nov 2023 1:08

Tgt Ion:244 Resp: 964461
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 5.3 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.632 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG059833.D
 Acq: 23 Nov 2023 1:08

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-04

Tgt Ion:264 Resp: 221690

Ion	Ratio	Lower	Upper
264	100		
260	27.3	18.5	27.7
265	24.4	17.0	25.6

