

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059844.D
 Acq On : 23 Nov 2023 9:15
 Operator : MA/JU
 Sample : 05449-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-01

Quant Time: Nov 24 00:18:34 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)

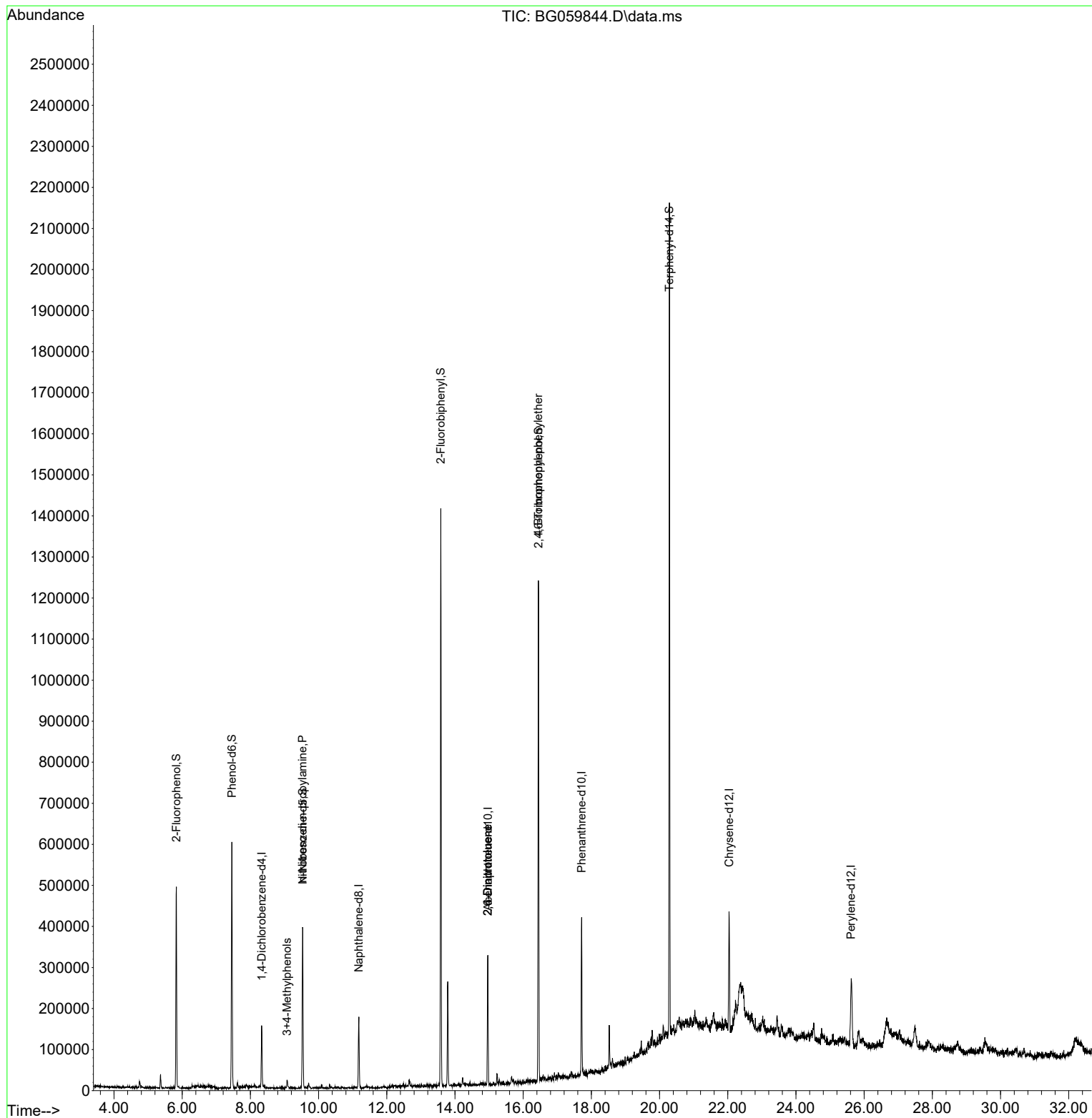
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	29932	20.000	ng	-0.01
21) Naphthalene-d8	11.180	136	121420	20.000	ng	#-0.01
39) Acenaphthene-d10	14.963	164	93864	20.000	ng	# 0.00
64) Phenanthrene-d10	17.713	188	195508	20.000	ng	0.00
76) Chrysene-d12	22.037	240	166278	20.000	ng	#-0.01
86) Perylene-d12	25.616	264	200940	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	166716	93.748	ng	0.00
7) Phenol-d6	7.454	99	259224	98.365	ng	0.00
23) Nitrobenzene-d5	9.534	82	243357	76.547	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	169904	159.534	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	568332	81.501	ng	-0.01
79) Terphenyl-d14	20.286	244	805865	71.546	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.528	70	40155	19.349	ng	# 73
20) 3+4-Methylphenols	9.070	107	6492	2.338	ng	# 69
51) 2,6-Dinitrotoluene	14.957	165	13178	9.550	ng	# 2
57) 2,4-Dinitrotoluene	14.957	165	13178	6.210	ng	# 5
67) 4-Bromophenyl-phenylether	16.444	248	13896	6.616	ng	# 1

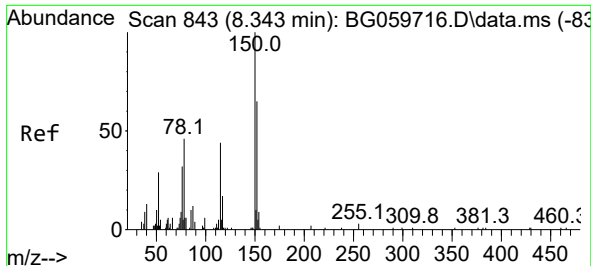
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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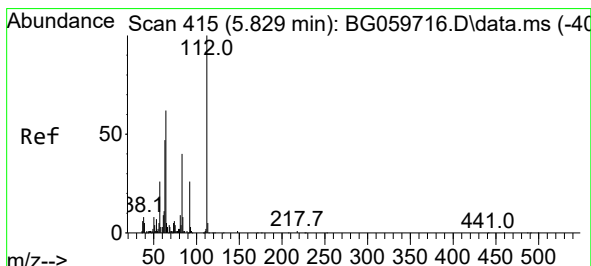
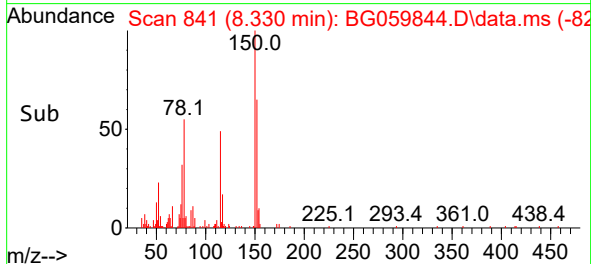
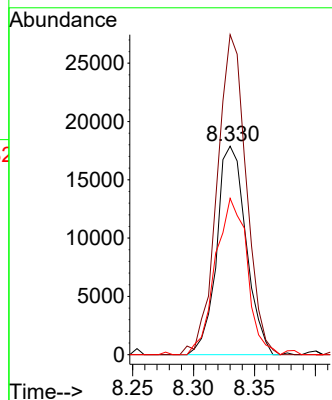
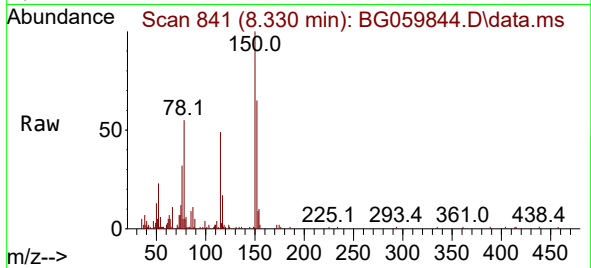




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.330 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

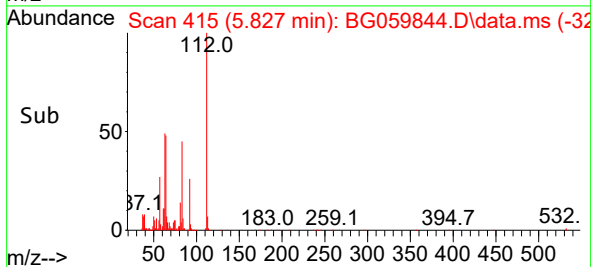
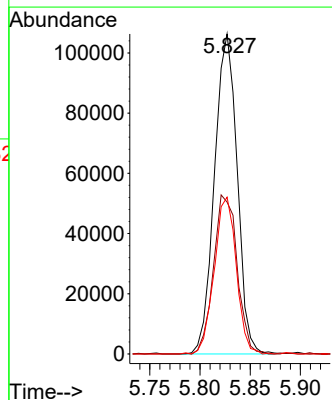
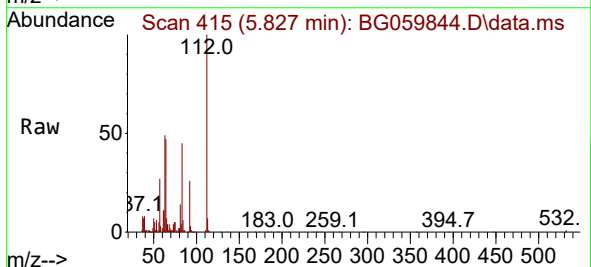
Instrument :
BNA_G
ClientSampleId :
WC-SED-01

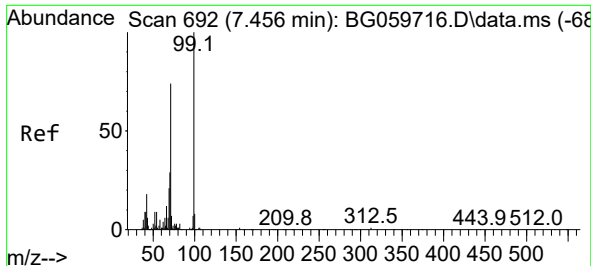
Tgt Ion:152 Resp: 29932
Ion Ratio Lower Upper
152 100
150 153.4 122.2 183.4
115 75.0 54.2 81.4



#5
2-Fluorophenol
Concen: 93.748 ng
RT: 5.827 min Scan# 415
Delta R.T. -0.002 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

Tgt Ion:112 Resp: 166716
Ion Ratio Lower Upper
112 100
64 47.5 49.5 74.3#
63 49.0 37.4 56.2

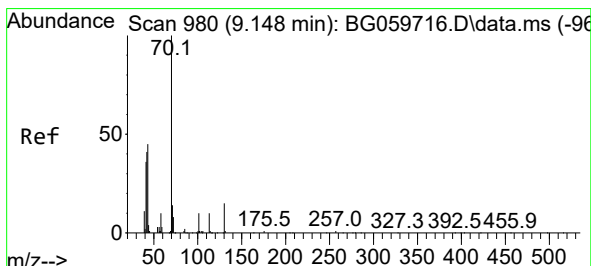
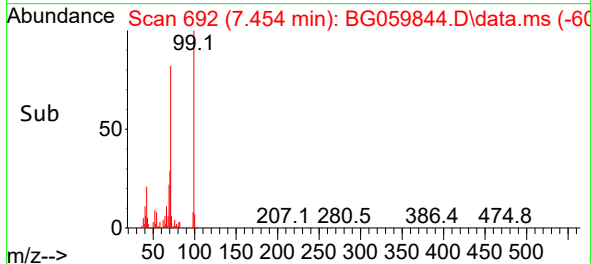
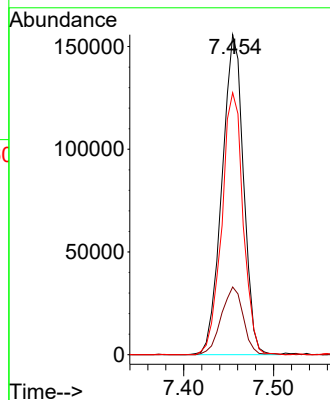
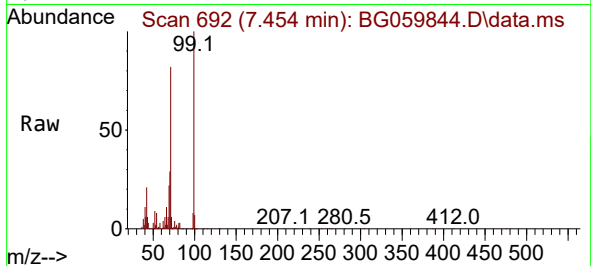




#7
Phenol-d6
Concen: 98.365 ng
RT: 7.454 min Scan# 692
Delta R.T. -0.002 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

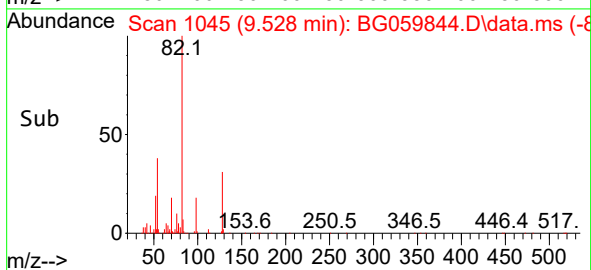
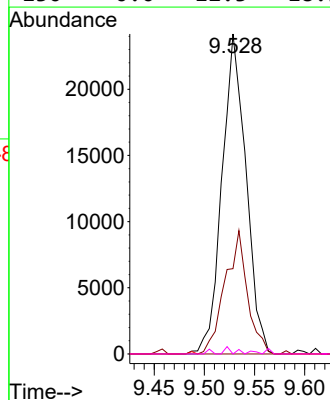
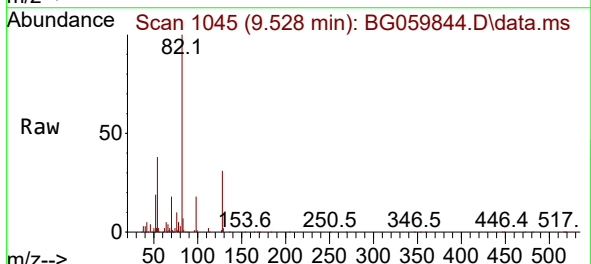
Instrument :
BNA_G
ClientSampleId :
WC-SED-01

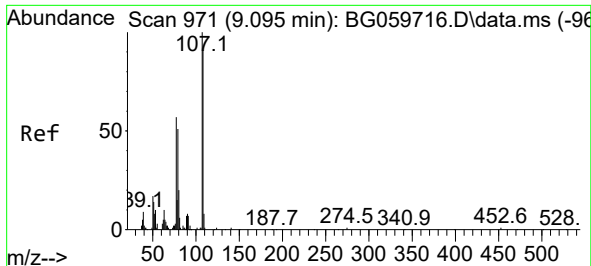
Tgt Ion: 99 Resp: 259224
Ion Ratio Lower Upper
99 100
42 21.2 14.3 21.5
71 81.8 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.349 ng
RT: 9.528 min Scan# 1045
Delta R.T. 0.380 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

Tgt Ion: 70 Resp: 40155
Ion Ratio Lower Upper
70 100
42 26.6 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

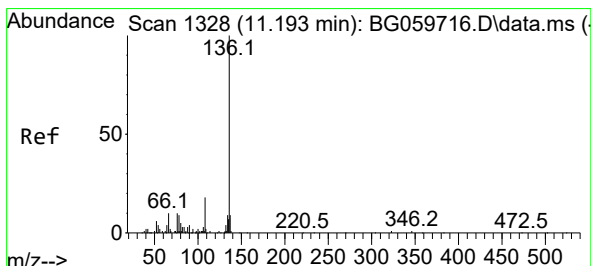
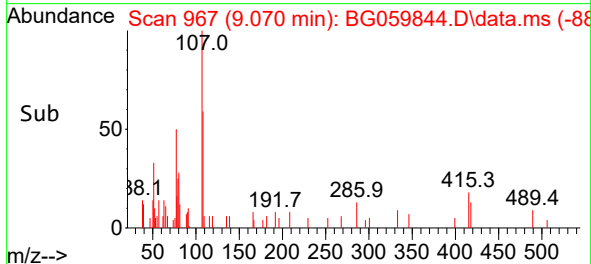
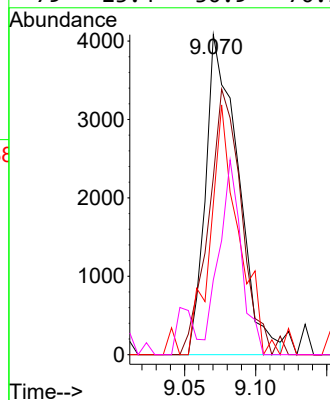
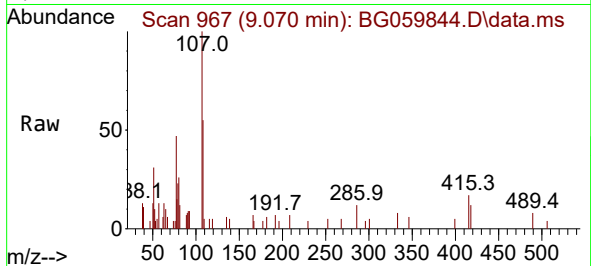




#20
3+4-Methylphenols
Concen: 2.338 ng
RT: 9.070 min Scan# 90
Delta R.T. -0.025 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

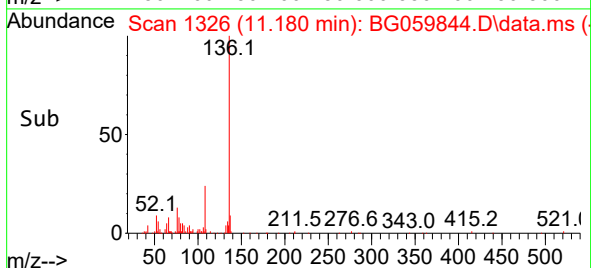
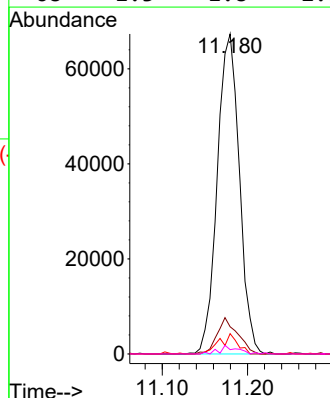
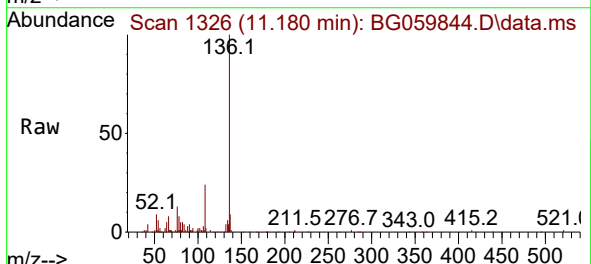
Instrument :
BNA_G
ClientSampleId :
WC-SED-01

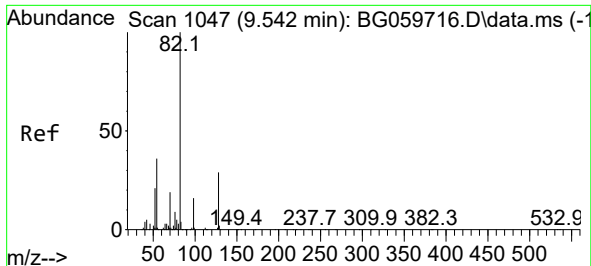
Tgt Ion:	107	Resp:	6492
Ion	Ratio	Lower	Upper
107	100		
108	55.4	71.1	111.1#
77	47.1	37.5	77.5
79	23.4	30.9	70.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 1326
Delta R.T. -0.013 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

Tgt Ion:	136	Resp:	121420
Ion	Ratio	Lower	Upper
136	100		
137	8.5	7.4	11.0
54	6.4	3.1	4.7#
68	1.3	1.8	2.8#

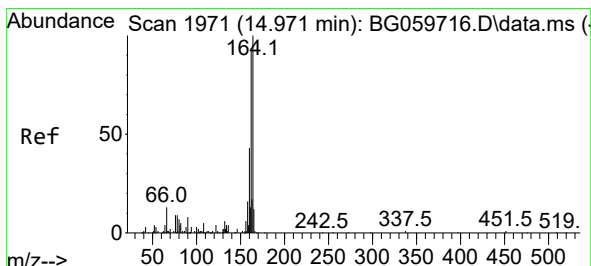
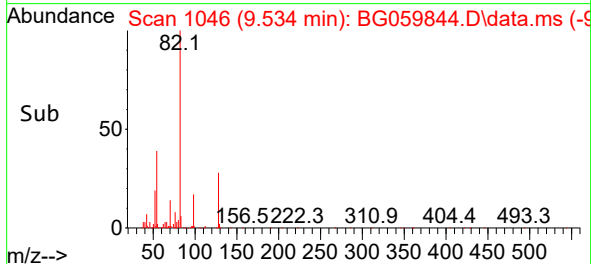
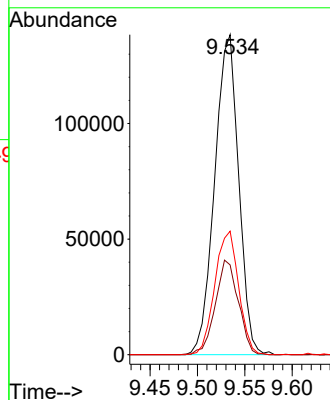
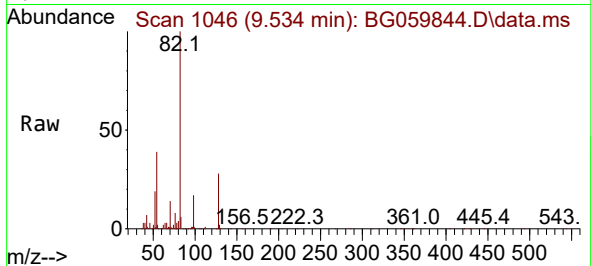




#23
Nitrobenzene-d5
Concen: 76.547 ng
RT: 9.534 min Scan# 1046
Delta R.T. -0.008 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

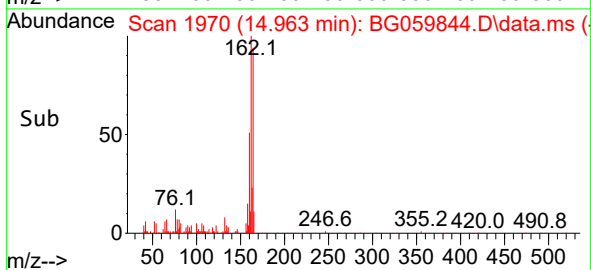
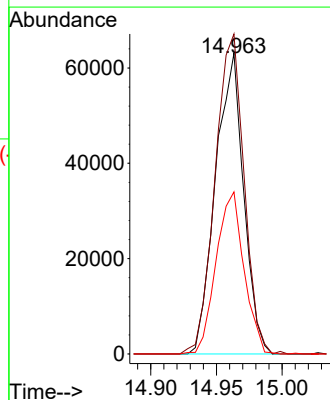
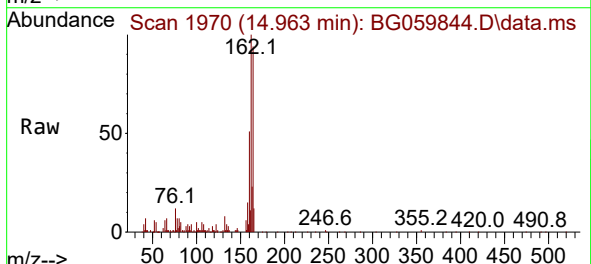
Instrument :
BNA_G
ClientSampleId :
WC-SED-01

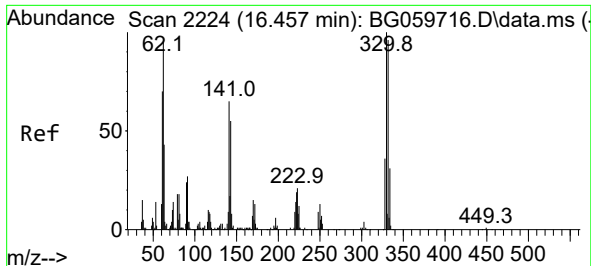
Tgt Ion: 82 Resp: 243357
Ion Ratio Lower Upper
82 100
128 28.1 23.0 34.6
54 38.6 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

Tgt Ion:164 Resp: 93864
Ion Ratio Lower Upper
164 100
162 106.4 73.3 109.9
160 53.9 34.1 51.1#

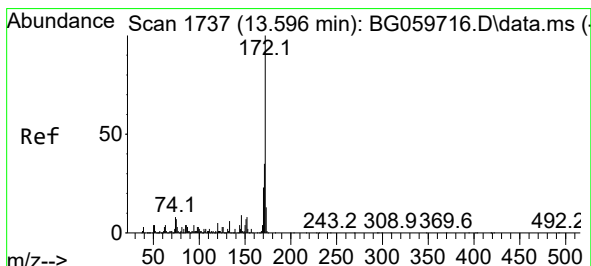
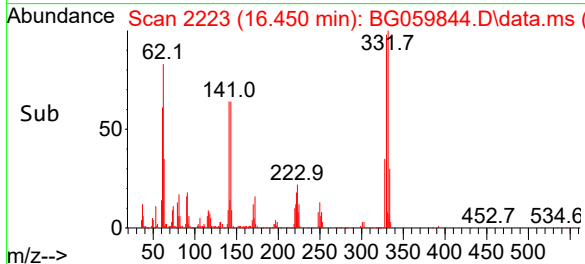
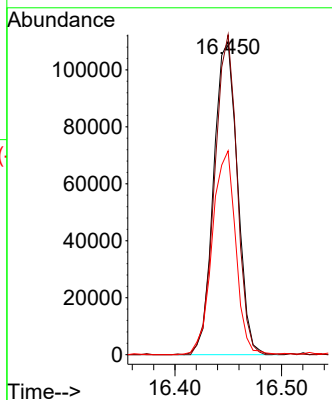
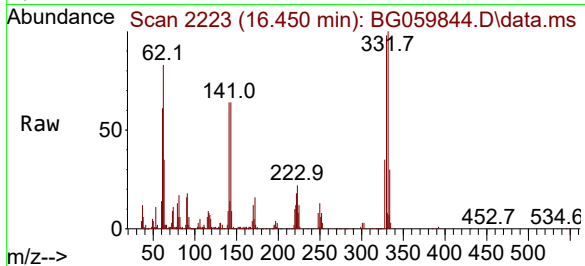




#42
2,4,6-Tribromophenol
Concen: 159.534 ng
RT: 16.450 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

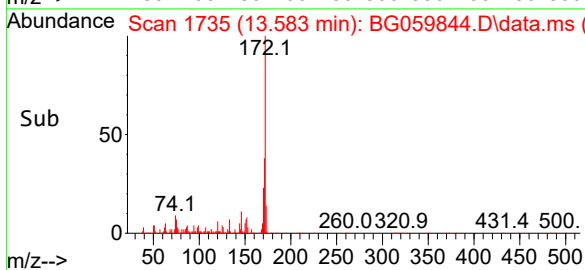
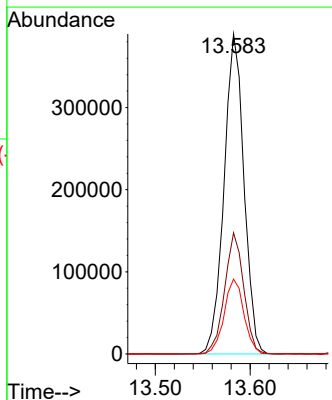
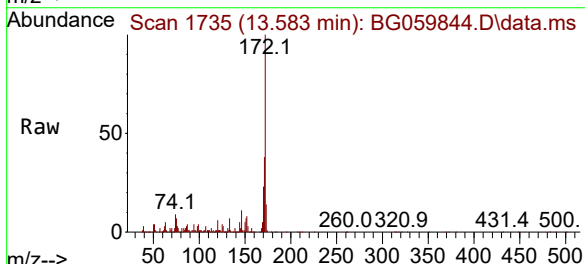
Instrument :
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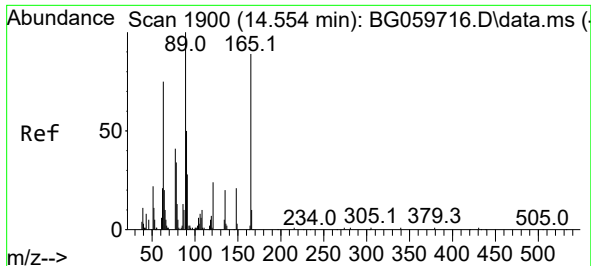
Tgt Ion:330 Resp: 169904
Ion Ratio Lower Upper
330 100
332 96.4 73.3 109.9
141 64.3 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 81.501 ng
RT: 13.583 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

Tgt Ion:172 Resp: 568332
Ion Ratio Lower Upper
172 100
171 37.9 27.7 41.5
170 23.4 18.4 27.6

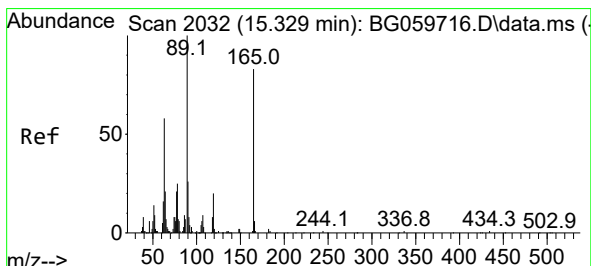
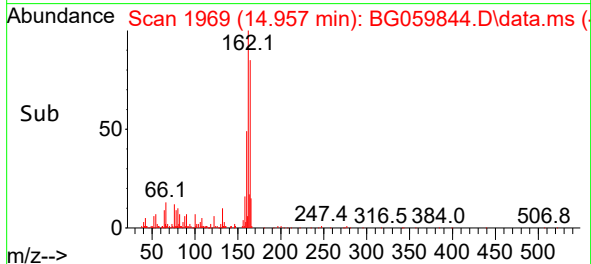
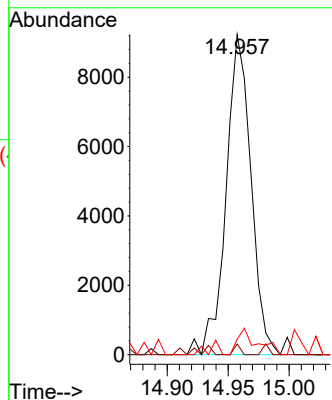
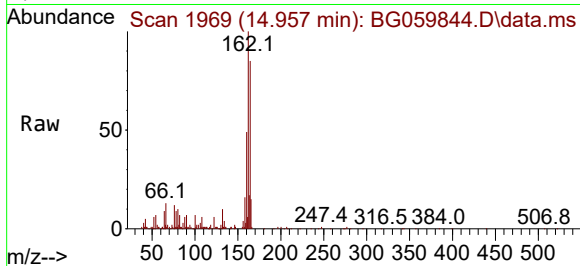




#51
2,6-Dinitrotoluene
Concen: 9.550 ng
RT: 14.957 min Scan# 1969
Delta R.T. 0.404 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

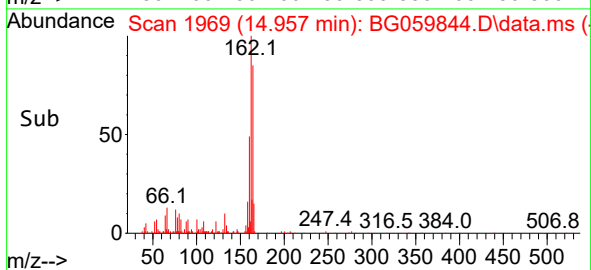
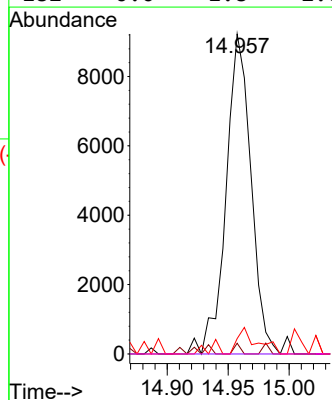
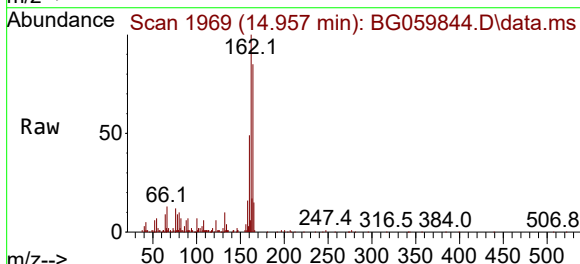
Instrument :
BNA_G
ClientSampleId :
WC-SED-01

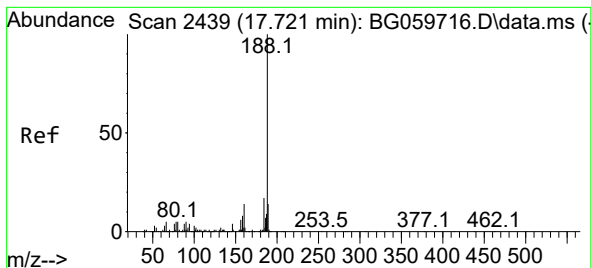
Tgt Ion:165 Resp: 13178
Ion Ratio Lower Upper
165 100
63 3.3 75.3 112.9#
89 4.8 90.9 136.3#



#57
2,4-Dinitrotoluene
Concen: 6.210 ng
RT: 14.957 min Scan# 1969
Delta R.T. -0.372 min
Lab File: BG059844.D
Acq: 23 Nov 2023 9:15

Tgt Ion:165 Resp: 13178
Ion Ratio Lower Upper
165 100
63 3.3 55.8 83.8#
89 4.8 96.9 145.3#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2438

Delta R.T. -0.008 min

Lab File: BG059844.D

Acq: 23 Nov 2023 9:15

Instrument :

BNA_G

ClientSampleId :

WC-SED-01

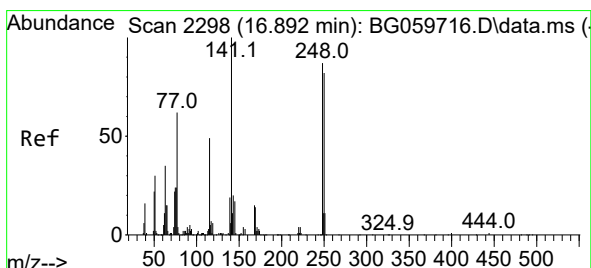
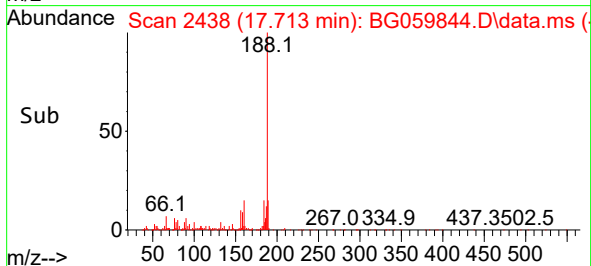
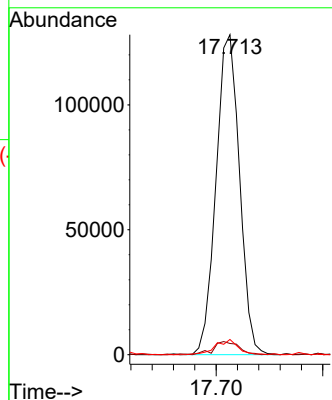
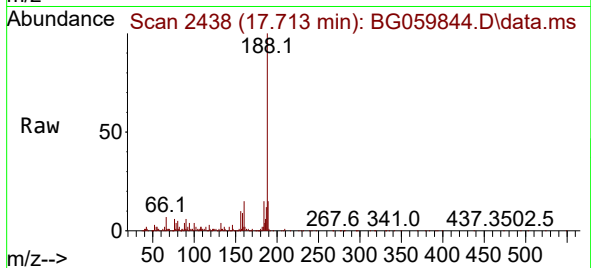
Tgt Ion:188 Resp: 195508

Ion Ratio Lower Upper

188 100

94 3.5 3.0 4.4

80 4.8 4.2 6.4



#67

4-Bromophenyl-phenylether

Concen: 6.616 ng

RT: 16.444 min Scan# 2222

Delta R.T. -0.448 min

Lab File: BG059844.D

Acq: 23 Nov 2023 9:15

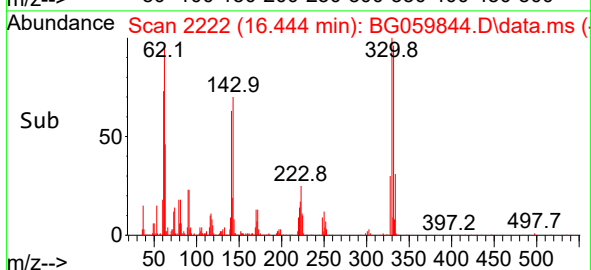
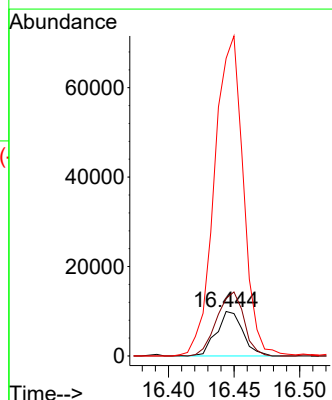
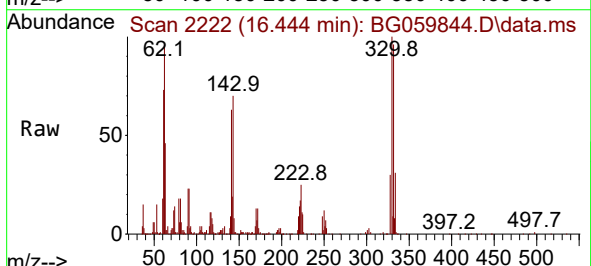
Tgt Ion:248 Resp: 13896

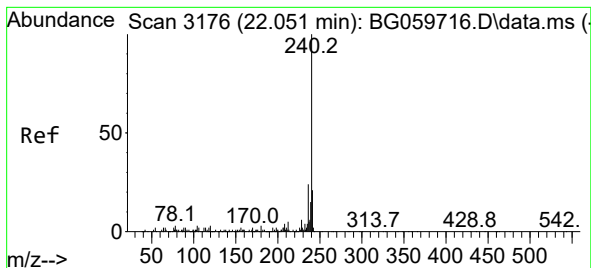
Ion Ratio Lower Upper

248 100

250 129.3 75.2 112.8#

141 667.9 91.5 137.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.037 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG059844.D

Acq: 23 Nov 2023 9:15

Instrument :

BNA_G

ClientSampleId :

WC-SED-01

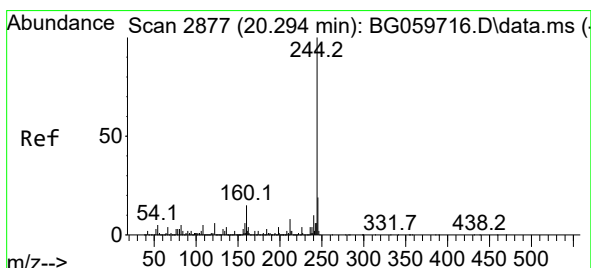
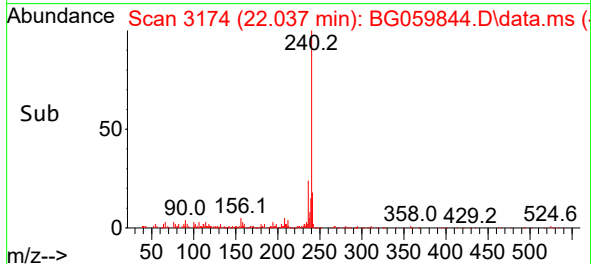
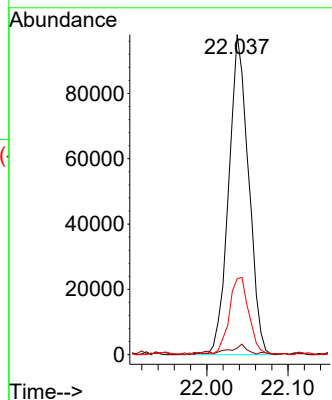
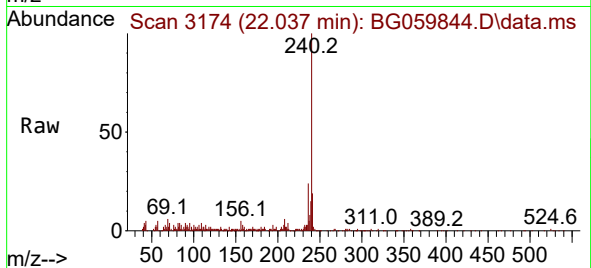
Tgt Ion:240 Resp: 166278

Ion Ratio Lower Upper

240 100

120 2.1 2.2 3.2#

236 23.8 19.4 29.2



#79

Terphenyl-d14

Concen: 71.546 ng

RT: 20.286 min Scan# 2876

Delta R.T. -0.008 min

Lab File: BG059844.D

Acq: 23 Nov 2023 9:15

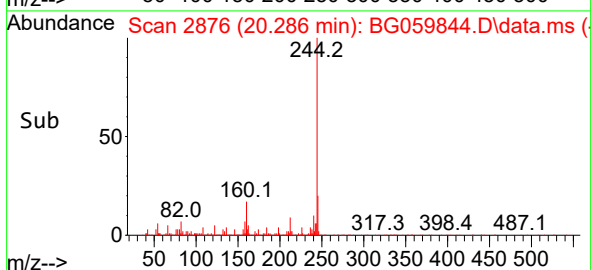
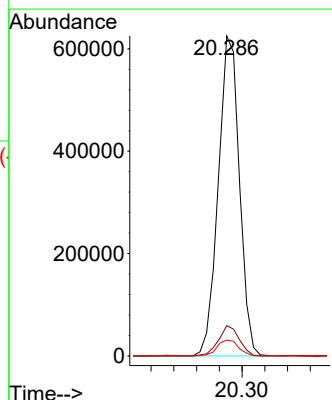
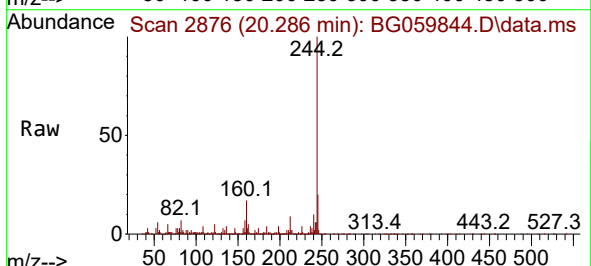
Tgt Ion:244 Resp: 805865

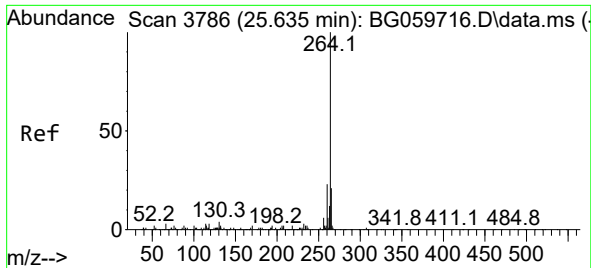
Ion Ratio Lower Upper

244 100

212 9.5 6.6 10.0

122 5.0 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.616 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: BG059844.D
 Acq: 23 Nov 2023 9:15

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-01

Tgt Ion:264 Resp: 200940
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 22.6 17.0 25.6

