

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059847.D
 Acq On : 23 Nov 2023 11:17
 Operator : MA/JU
 Sample : 05449-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-03

Quant Time: Nov 24 00:19:23 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)

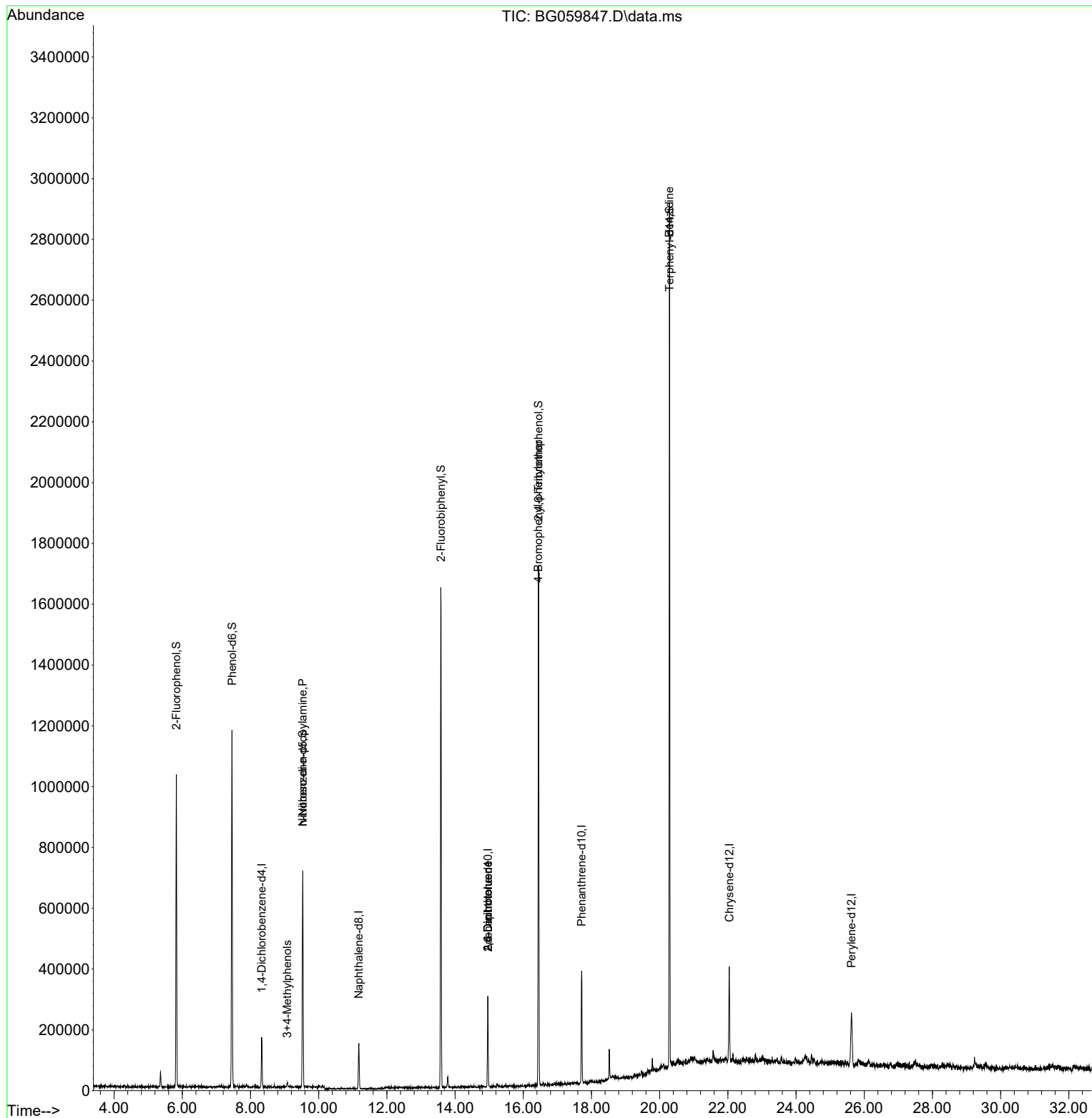
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	35036	20.000	ng	#-0.01
21) Naphthalene-d8	11.178	136	107037	20.000	ng	#-0.01
39) Acenaphthene-d10	14.962	164	90769	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	216073	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	169509	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	202798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	359417	172.665	ng	0.00
7) Phenol-d6	7.459	99	541552	175.560	ng	0.00
23) Nitrobenzene-d5	9.533	82	441052	157.372	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	237705	230.807	ng	0.00
45) 2-Fluorobiphenyl	13.587	172	714031	105.886	ng	0.00
79) Terphenyl-d14	20.291	244	1156835	100.748	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.533	70	72288	29.758	ng	# 79
20) 3+4-Methylphenols	9.081	107	7466	2.297	ng	# 69
51) 2,6-Dinitrotoluene	14.962	165	13228	9.913	ng	# 1
57) 2,4-Dinitrotoluene	14.962	165	13228	6.446	ng	# 4
67) 4-Bromophenyl-phenylether	16.443	248	17540	7.556	ng	# 1
77) Benzidine	20.285	184	35789	9.311	ng	# 87

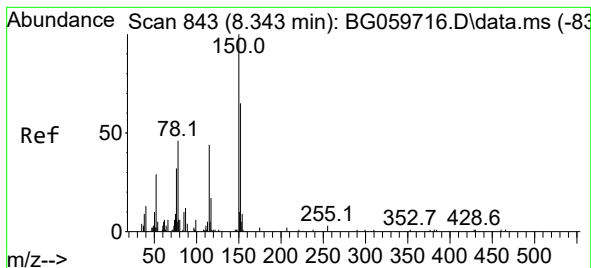
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
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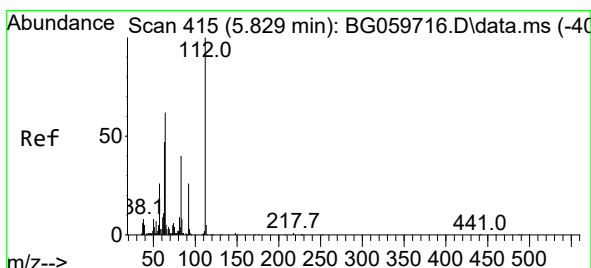
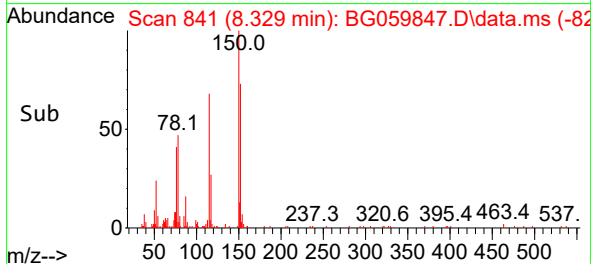
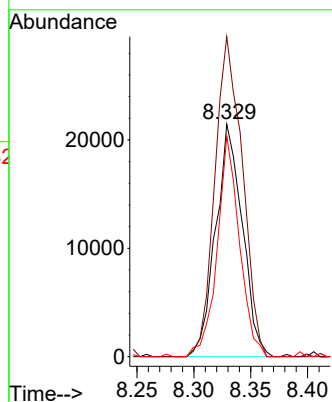
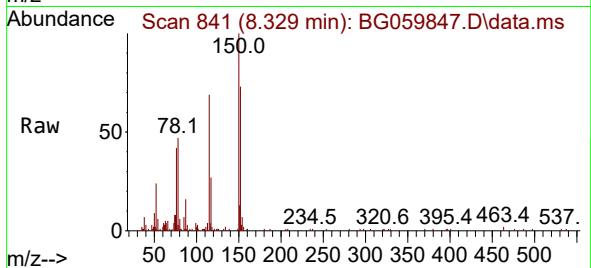




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 84
Delta R.T. -0.014 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

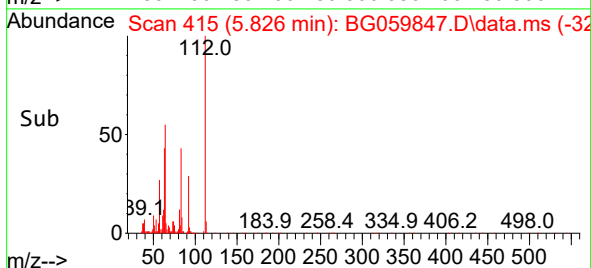
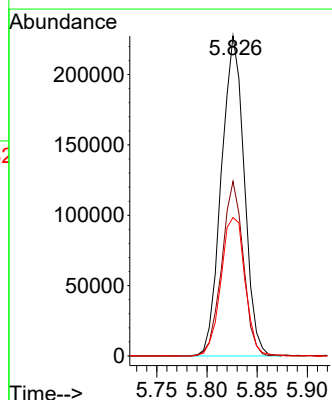
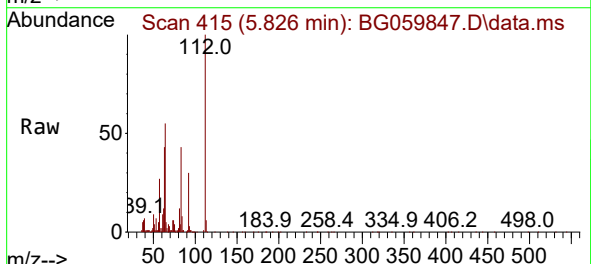
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

Tgt Ion:152 Resp: 35036
Ion Ratio Lower Upper
152 100
150 137.7 122.2 183.4
115 94.9 54.2 81.4#



#5
2-Fluorophenol
Concen: 172.665 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

Tgt Ion:112 Resp: 359417
Ion Ratio Lower Upper
112 100
64 54.5 49.5 74.3
63 43.2 37.4 56.2

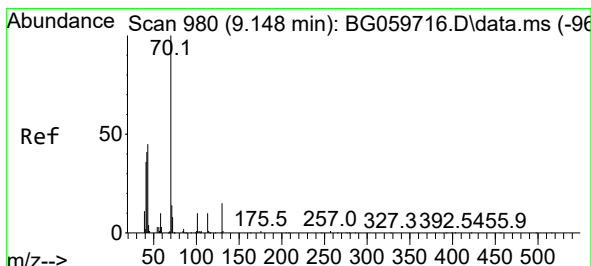
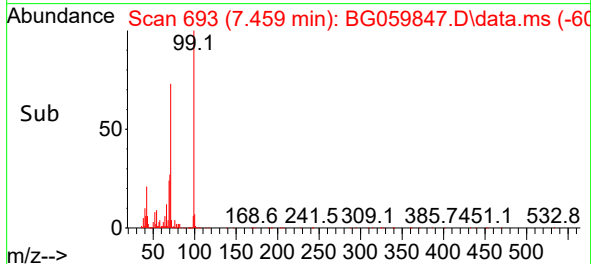
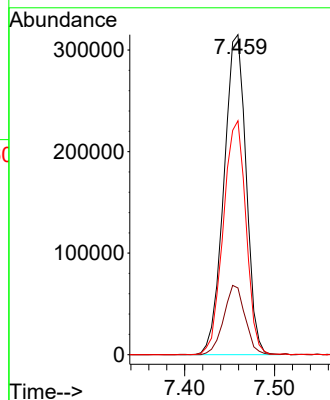
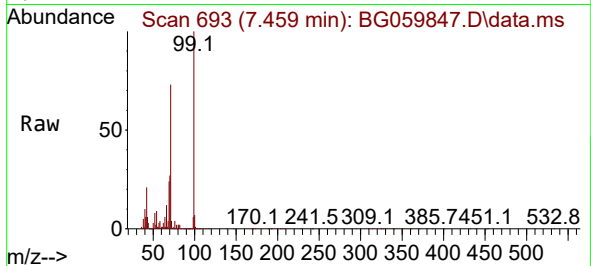




#7
Phenol-d6
Concen: 175.560 ng
RT: 7.459 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

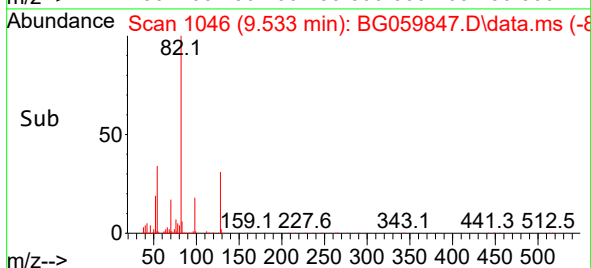
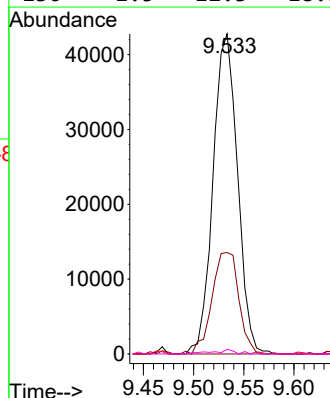
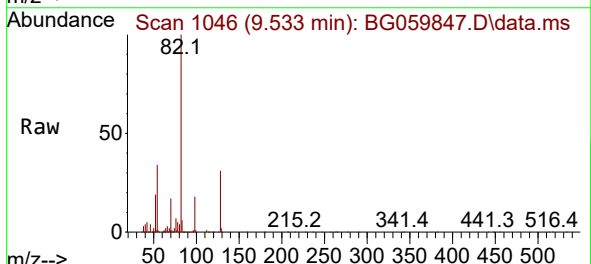
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

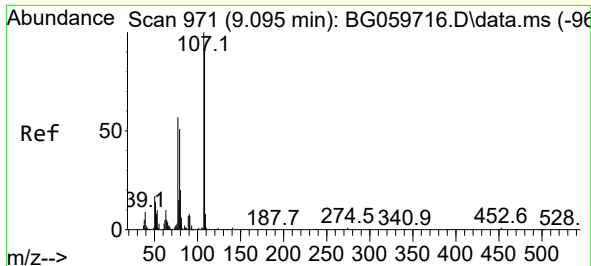
Tgt Ion: 99 Resp: 541552
Ion Ratio Lower Upper
99 100
42 20.9 14.3 21.5
71 73.1 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 29.758 ng
RT: 9.533 min Scan# 1046
Delta R.T. 0.385 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

Tgt Ion: 70 Resp: 72288
Ion Ratio Lower Upper
70 100
42 31.7 32.8 49.2#
101 0.0 7.7 11.5#
130 1.5 12.3 18.5#





#20

3+4-Methylphenols

Concen: 2.297 ng

RT: 9.081 min Scan# 9

Delta R.T. -0.015 min

Lab File: BG059847.D

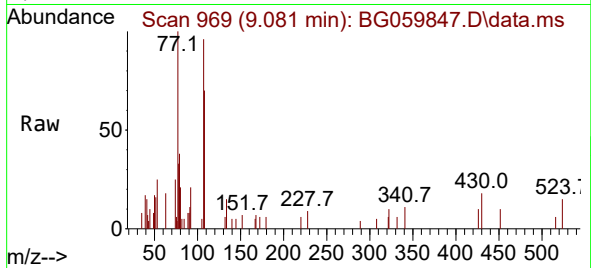
Acq: 23 Nov 2023 11:17

Instrument :

BNA_G

ClientSampleId :

WC-SED-03



Tgt Ion:107 Resp: 7466

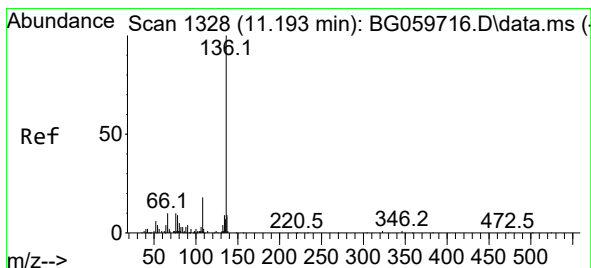
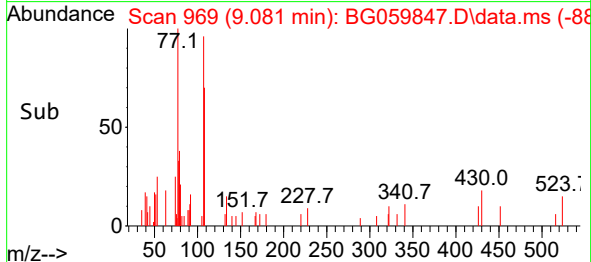
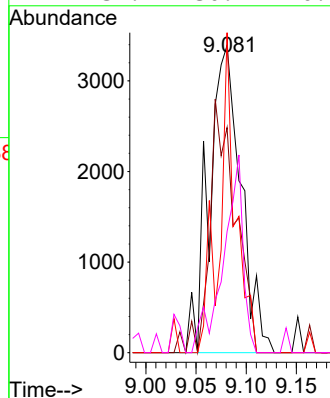
Ion Ratio Lower Upper

107 100

108 73.3 71.1 111.1

77 104.1 37.5 77.5#

79 39.4 30.9 70.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.178 min Scan# 1326

Delta R.T. -0.015 min

Lab File: BG059847.D

Acq: 23 Nov 2023 11:17

Tgt Ion:136 Resp: 107037

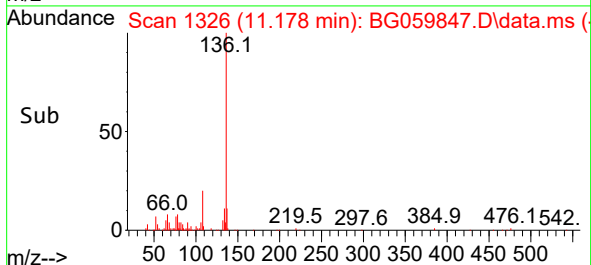
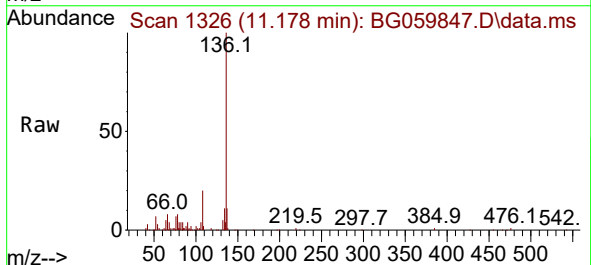
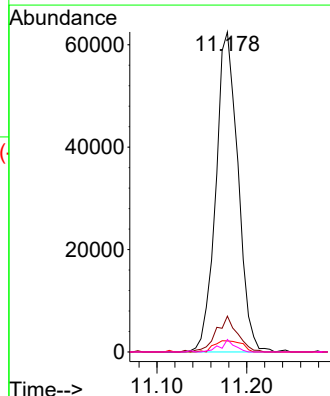
Ion Ratio Lower Upper

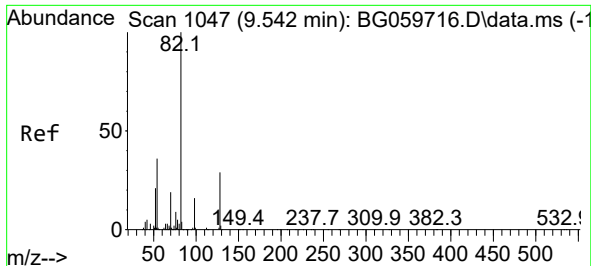
136 100

137 11.2 7.4 11.0#

54 3.5 3.1 4.7

68 3.9 1.8 2.8#

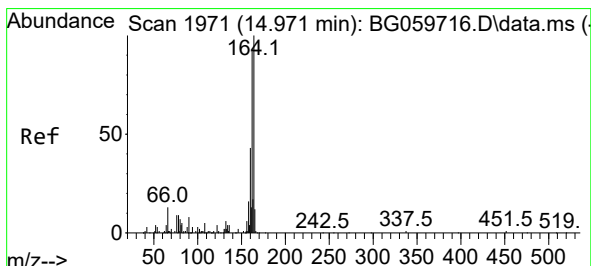
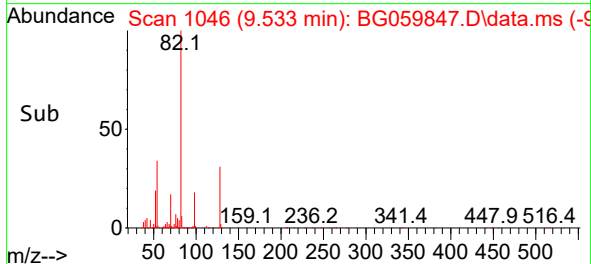
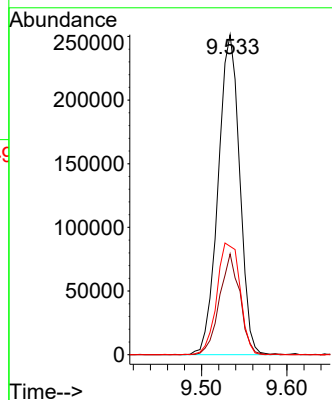
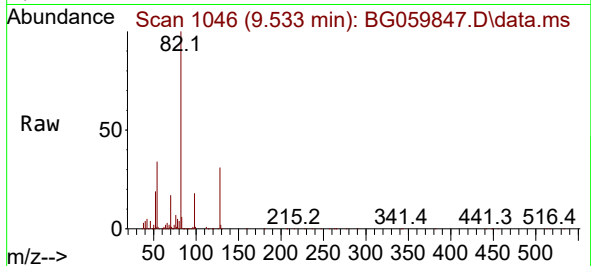




#23
Nitrobenzene-d5
Concen: 157.372 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

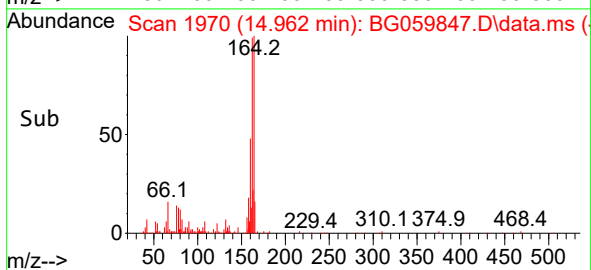
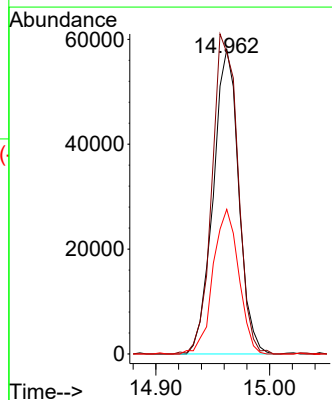
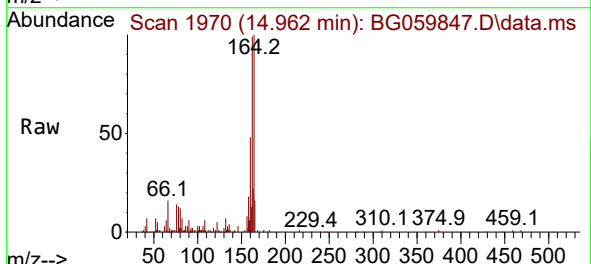
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

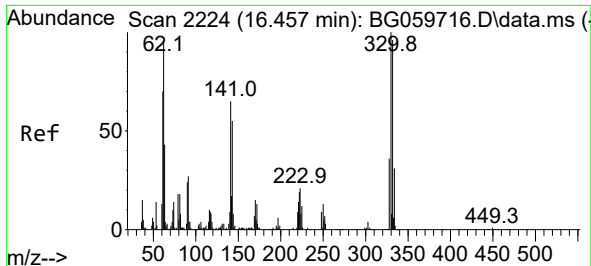
Tgt Ion: 82 Resp: 441052
Ion Ratio Lower Upper
82 100
128 31.5 23.0 34.6
54 33.9 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

Tgt Ion:164 Resp: 90769
Ion Ratio Lower Upper
164 100
162 99.0 73.3 109.9
160 47.5 34.1 51.1

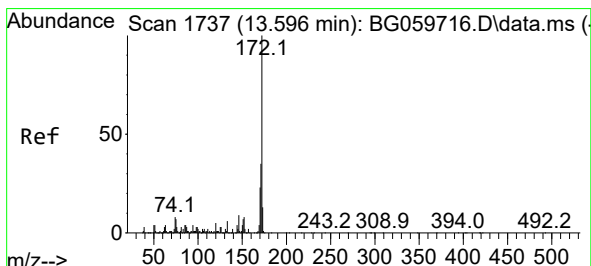
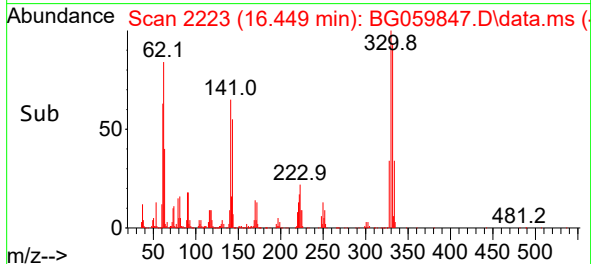
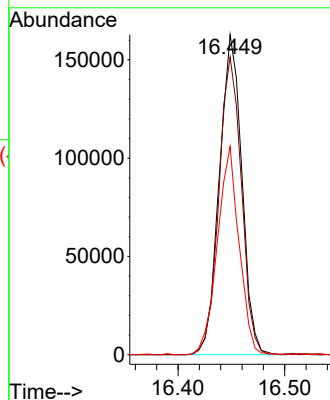
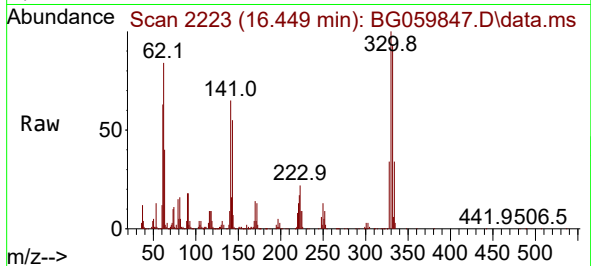




#42
2,4,6-Tribromophenol
Concen: 230.807 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

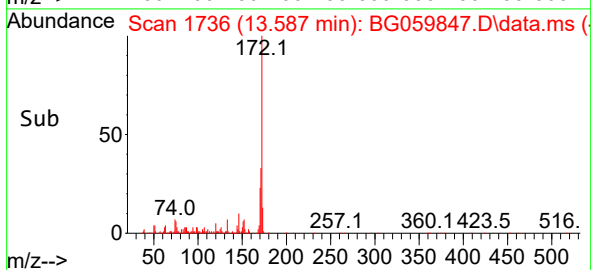
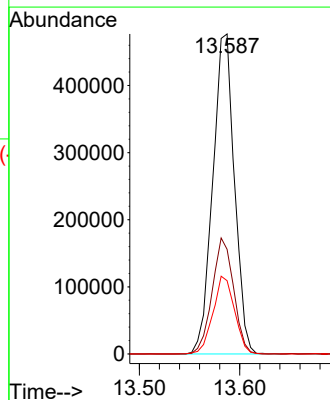
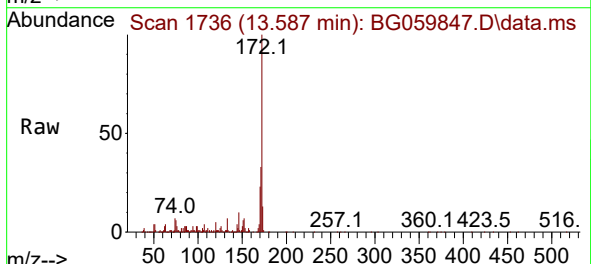
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

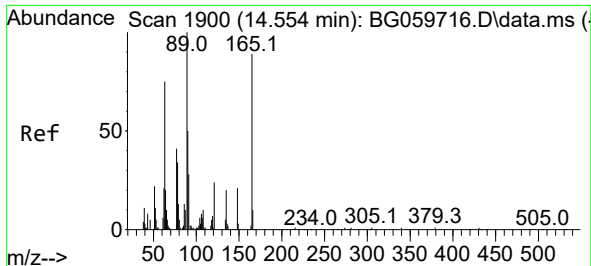
Tgt Ion:330 Resp: 237705
Ion Ratio Lower Upper
330 100
332 93.5 73.3 109.9
141 62.9 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 105.886 ng
RT: 13.587 min Scan# 1736
Delta R.T. -0.009 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

Tgt Ion:172 Resp: 714031
Ion Ratio Lower Upper
172 100
171 32.7 27.7 41.5
170 22.9 18.4 27.6

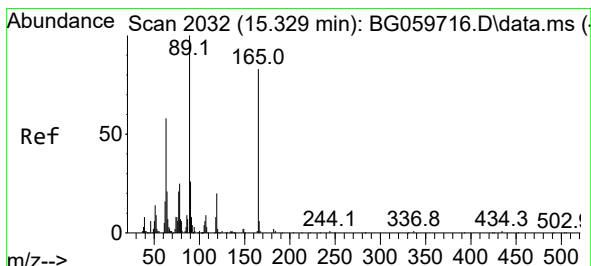
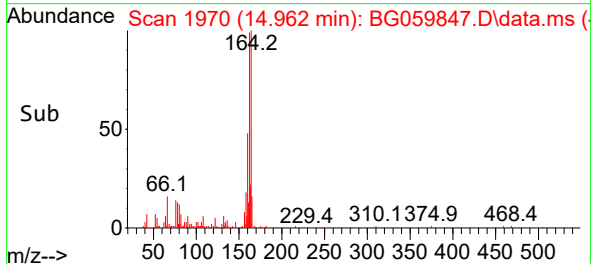
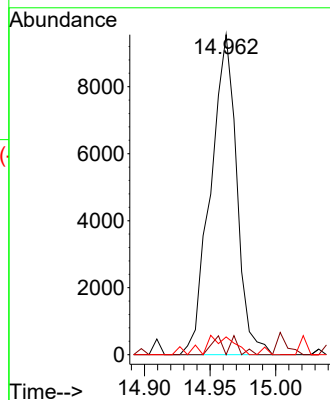
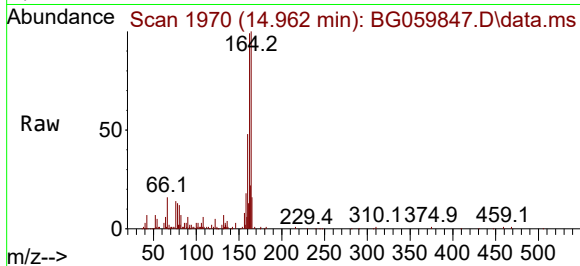




#51
2,6-Dinitrotoluene
Concen: 9.913 ng
RT: 14.962 min Scan# 1900
Delta R.T. 0.408 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

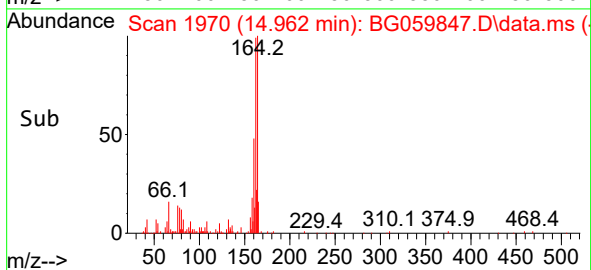
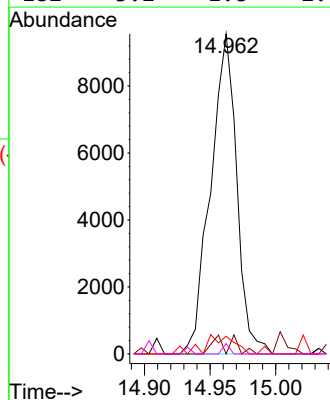
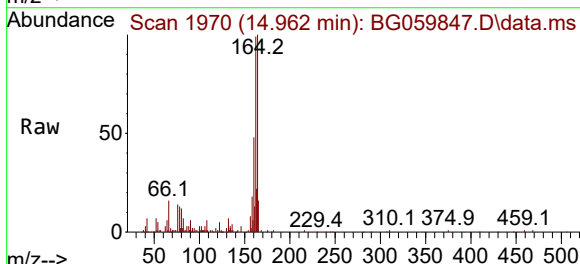
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WC-SED-03

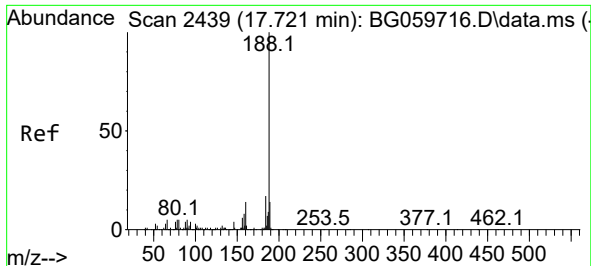
Tgt Ion:165 Resp: 13228
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 5.5 90.9 136.3#



#57
2,4-Dinitrotoluene
Concen: 6.446 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.367 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

Tgt Ion:165 Resp: 13228
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 5.5 96.9 145.3#
182 3.2 1.8 2.6#

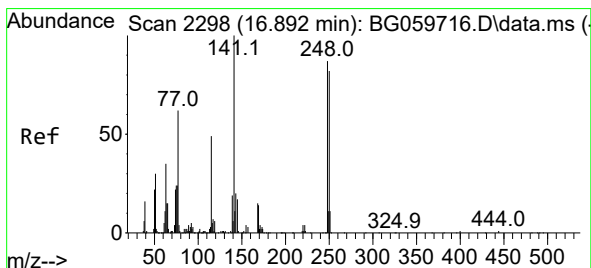
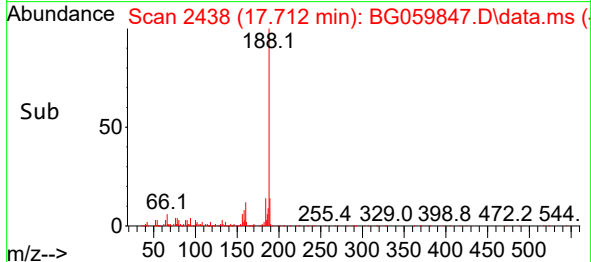
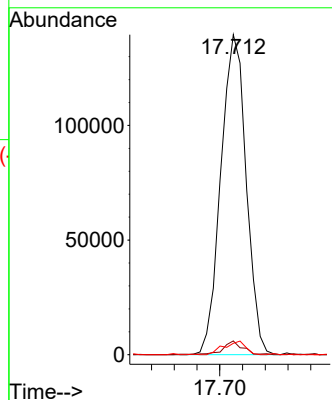
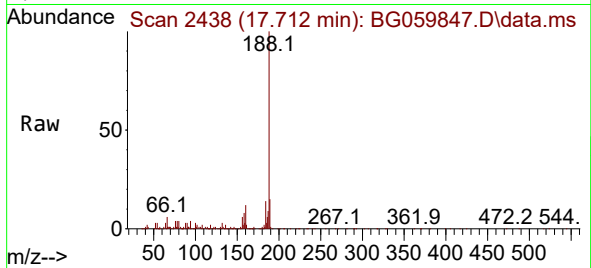




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

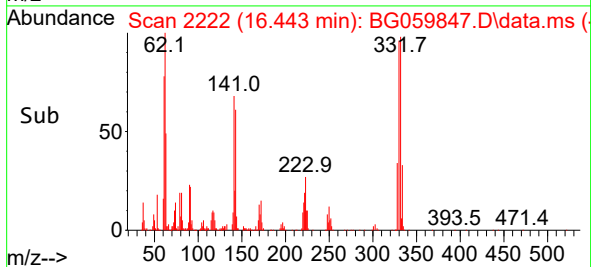
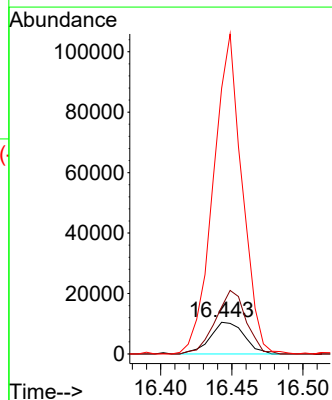
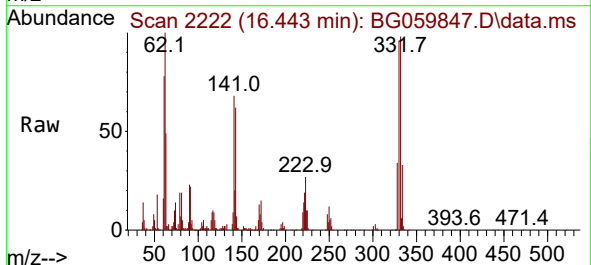
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

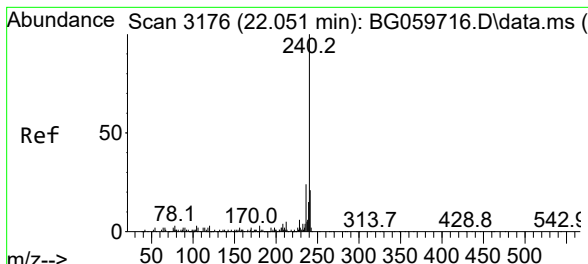
Tgt Ion:188 Resp: 216073
Ion Ratio Lower Upper
188 100
94 4.3 3.0 4.4
80 3.6 4.2 6.4#



#67
4-Bromophenyl-phenylether
Concen: 7.556 ng
RT: 16.443 min Scan# 2222
Delta R.T. -0.449 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

Tgt Ion:248 Resp: 17540
Ion Ratio Lower Upper
248 100
250 148.4 75.2 112.8#
141 838.4 91.5 137.3#

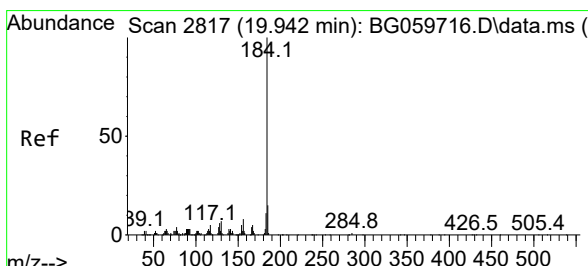
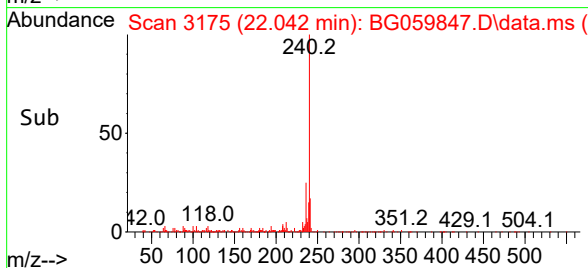
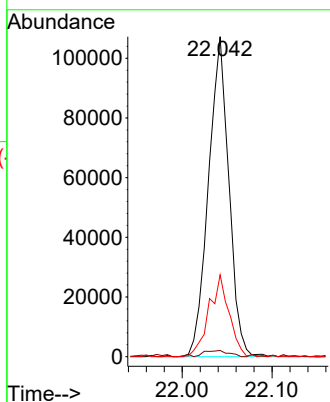
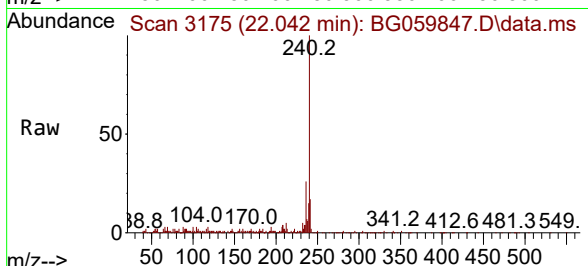




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

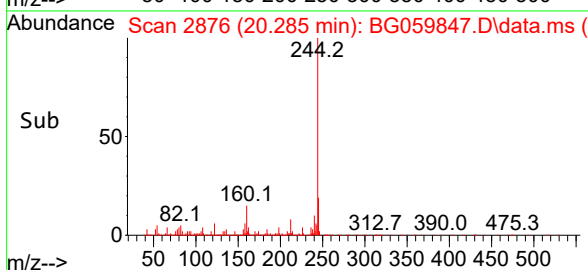
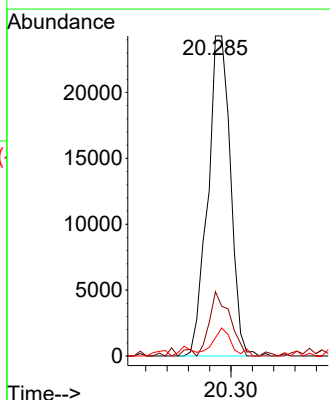
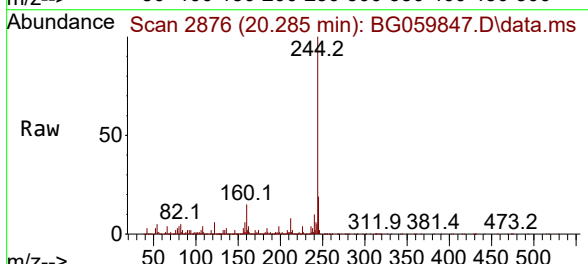
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

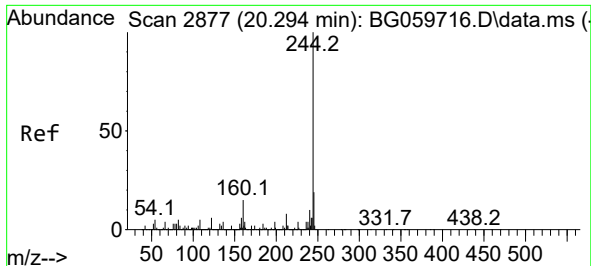
Tgt Ion:240 Resp: 169509
Ion Ratio Lower Upper
240 100
120 2.0 2.2 3.2#
236 25.6 19.4 29.2



#77
Benzidine
Concen: 9.311 ng
RT: 20.285 min Scan# 2876
Delta R.T. 0.344 min
Lab File: BG059847.D
Acq: 23 Nov 2023 11:17

Tgt Ion:184 Resp: 35789
Ion Ratio Lower Upper
184 100
185 20.0 12.2 18.2#
183 5.7 8.8 13.2#

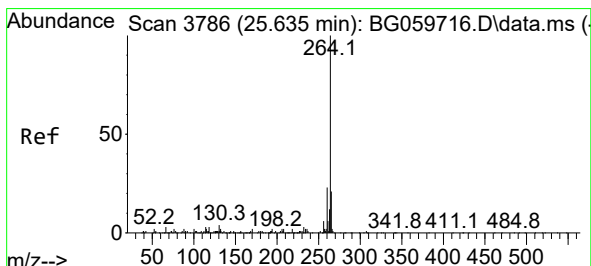
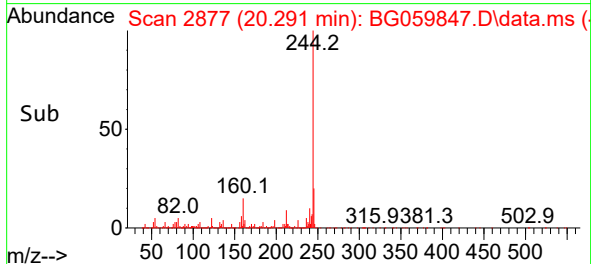
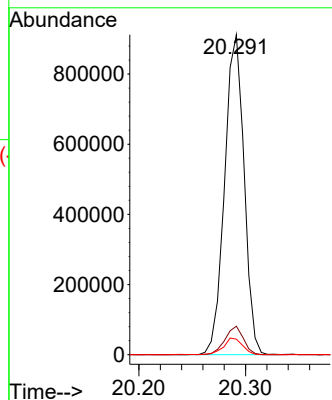
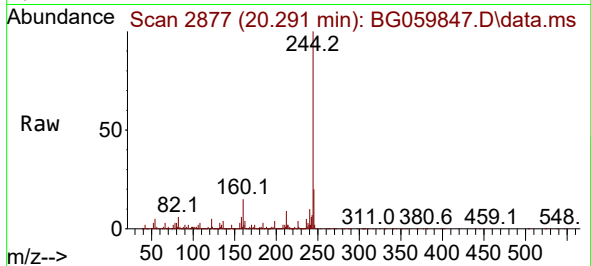




#79
 Terphenyl-d14
 Concen: 100.748 ng
 RT: 20.291 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG059847.D
 Acq: 23 Nov 2023 11:17

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-03

Tgt Ion:244 Resp: 1156835
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 4.9 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 3785
 Delta R.T. -0.009 min
 Lab File: BG059847.D
 Acq: 23 Nov 2023 11:17

Tgt Ion:264 Resp: 202798
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 21.6 17.0 25.6

