

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059706.D
 Acq On : 15 Nov 2023 19:06
 Operator : MA/JU
 Sample : 05257-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-6RE

Quant Time: Nov 16 02:51:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

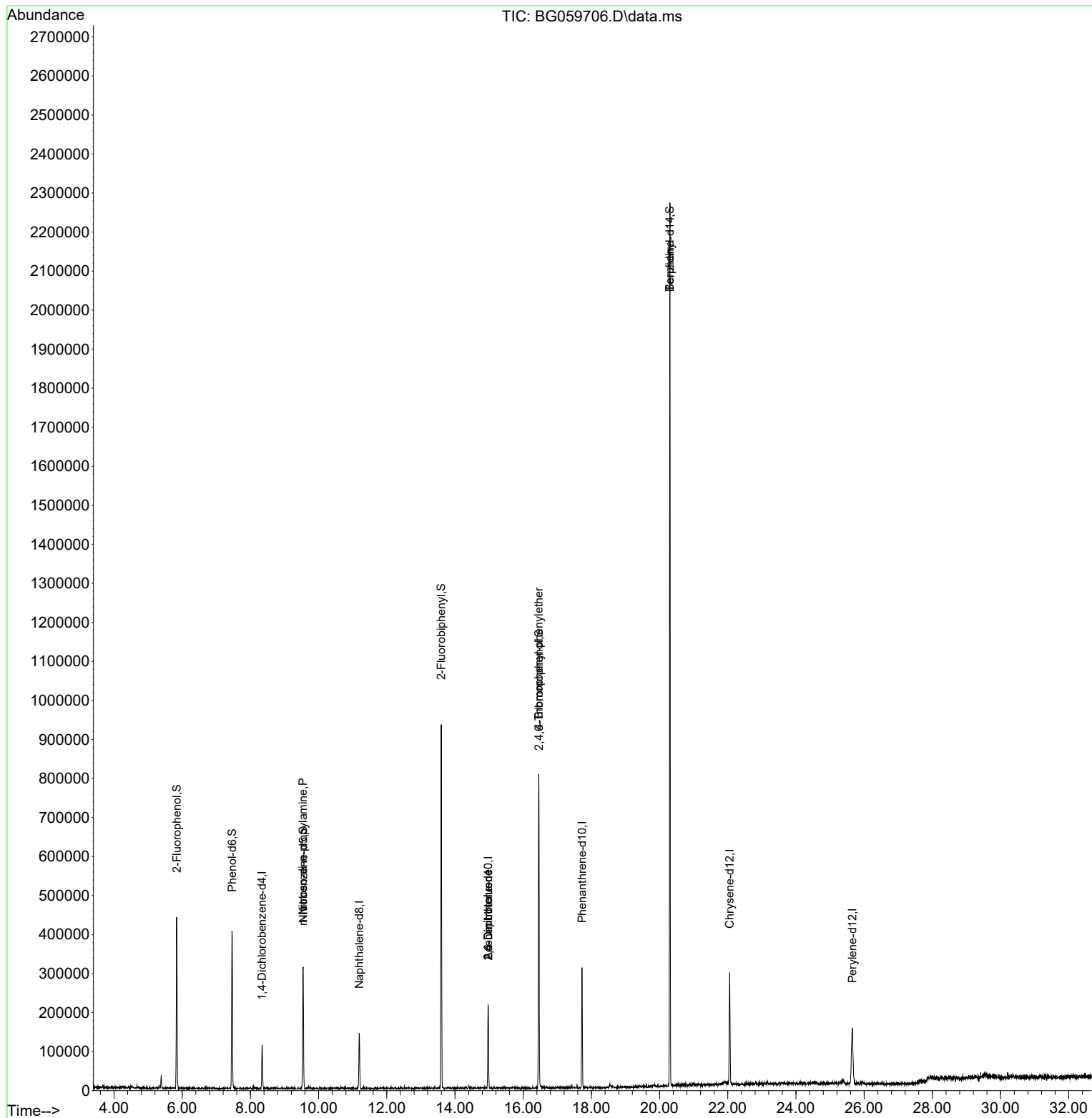
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	23332	20.000	ng	-0.01
21) Naphthalene-d8	11.191	136	100055	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	68815	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	166231	20.000	ng	# 0.00
76) Chrysene-d12	22.055	240	170518	20.000	ng	# 0.00
86) Perylene-d12	25.651	264	188373	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	157487	116.530	ng	0.00
7) Phenol-d6	7.466	99	186153	91.145	ng	0.00
23) Nitrobenzene-d5	9.546	82	190739	81.952	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	104821	134.971	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	387505	75.920	ng	0.00
79) Terphenyl-d14	20.304	244	926616	112.117	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.694	88	163	Below Cal	#	1
3) Pyridine	4.076	79	70	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	9.540	70	31182	19.819	ng	# 72
51) 2,6-Dinitrotoluene	14.969	165	8456	8.359	ng	# 3
57) 2,4-Dinitrotoluene	14.969	165	8456	5.686	ng	# 7
67) 4-Bromophenyl-phenylether	16.456	248	8357	4.779	ng	# 1
77) Benzidine	20.304	184	28905	10.032	ng	99
78) Pyrene	20.122	202	185	Below Cal	#	58

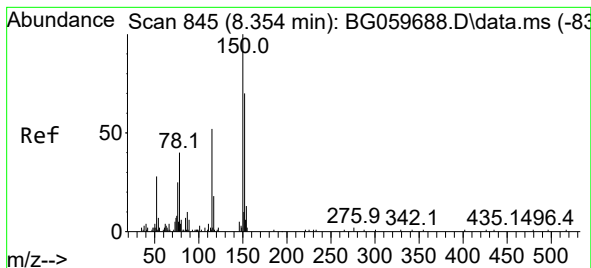
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-6RE

Quant Time: Nov 16 02:51:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 08:14:53 2023
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.342 min Scan# 84

Delta R.T. -0.012 min

Lab File: BG059706.D

Acq: 15 Nov 2023 19:06

Instrument :

BNA_G

ClientSampleId :

WC-6RE

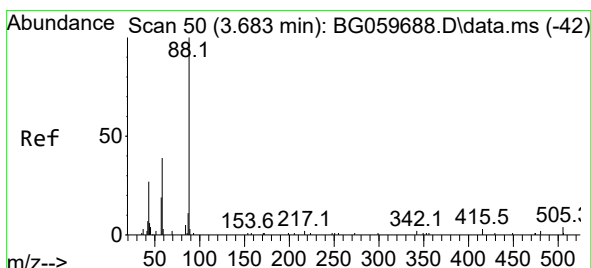
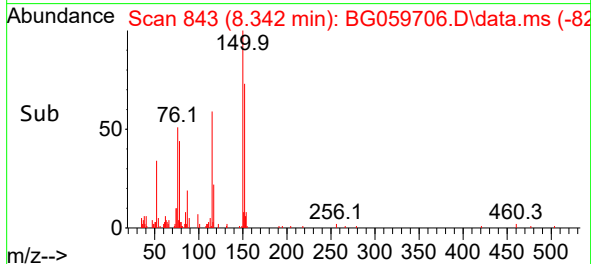
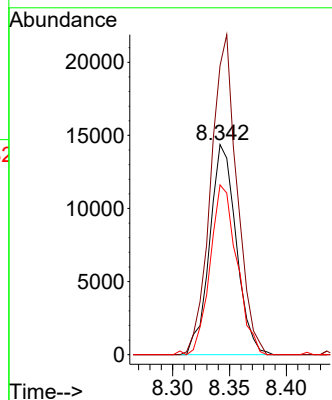
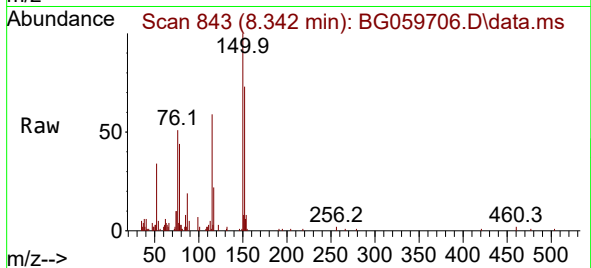
Tgt Ion:152 Resp: 23332

Ion Ratio Lower Upper

152 100

150 137.6 113.9 170.9

115 80.9 59.4 89.2



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.694 min Scan# 52

Delta R.T. 0.011 min

Lab File: BG059706.D

Acq: 15 Nov 2023 19:06

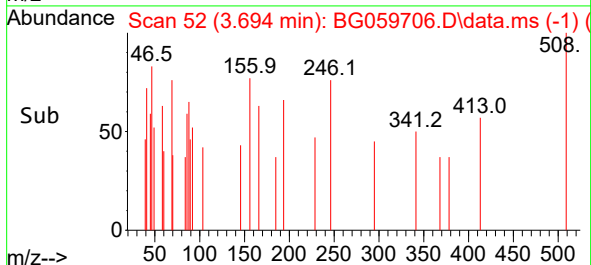
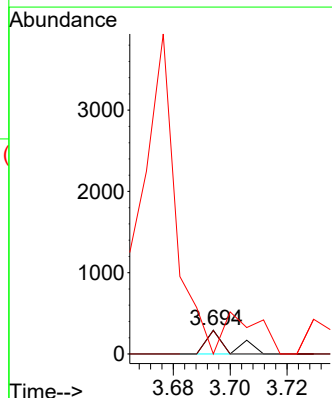
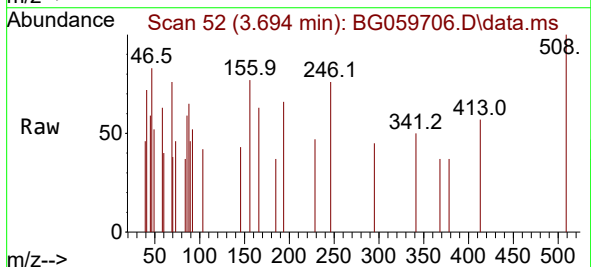
Tgt Ion: 88 Resp: 163

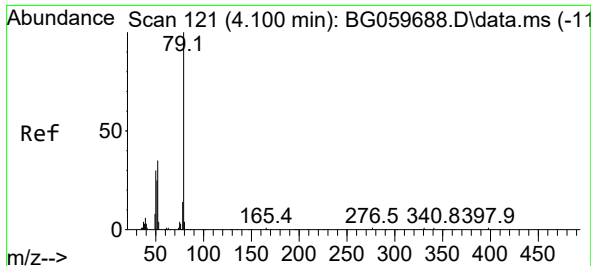
Ion Ratio Lower Upper

88 100

58 62.0 30.5 45.7#

43 273.0 17.7 26.5#

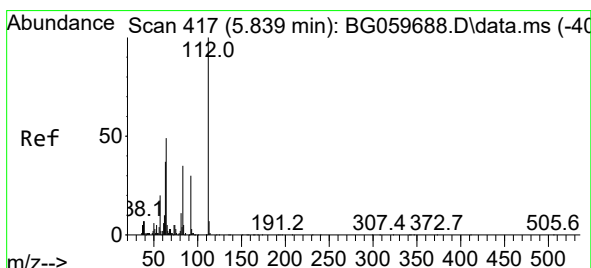
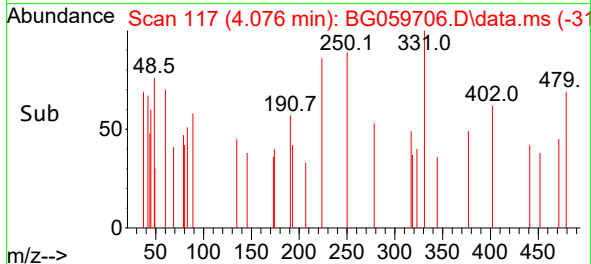
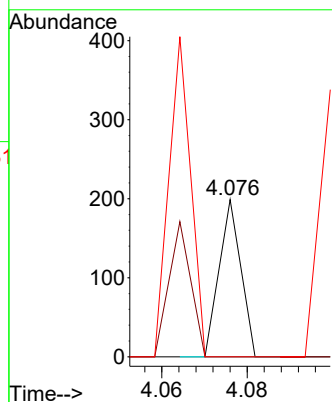
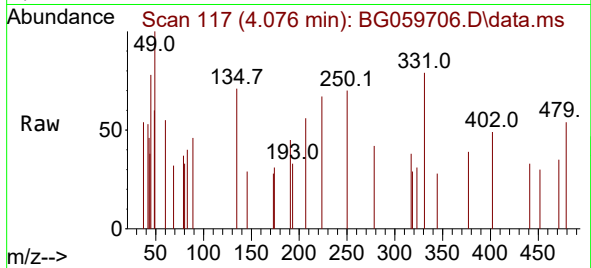




#3
Pyridine
Concen: Below Cal
RT: 4.076 min Scan# 117
Delta R.T. -0.024 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

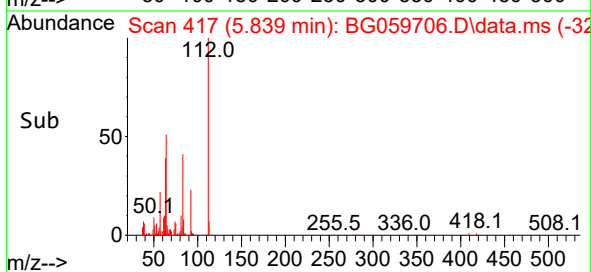
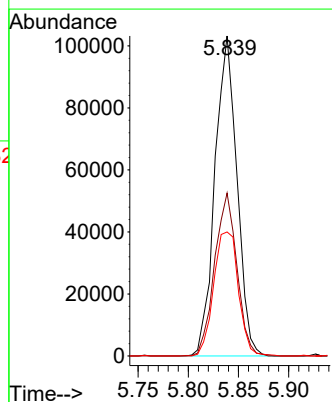
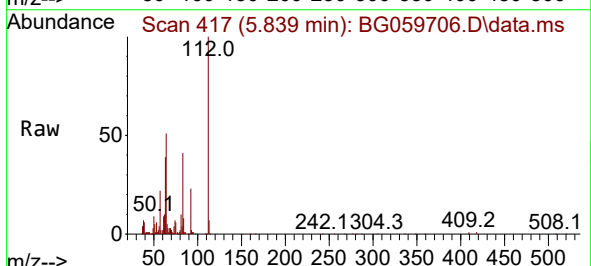
Instrument :
BNA_G
ClientSampleId :
WC-6RE

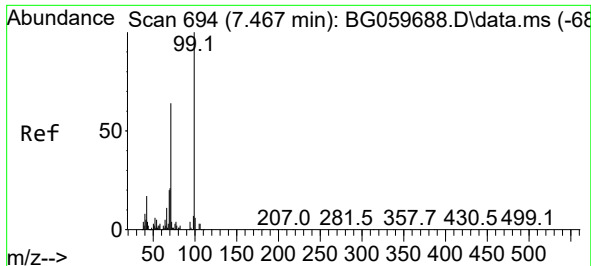
Tgt Ion: 79 Resp: 70
Ion Ratio Lower Upper
79 100
52 0.0 27.8 41.8#
51 0.0 20.2 30.2#



#5
2-Fluorophenol
Concen: 116.530 ng
RT: 5.839 min Scan# 417
Delta R.T. -0.001 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Tgt Ion: 112 Resp: 157487
Ion Ratio Lower Upper
112 100
64 50.9 39.0 58.6
63 38.8 29.8 44.6

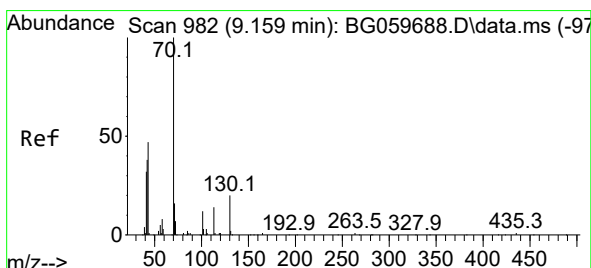
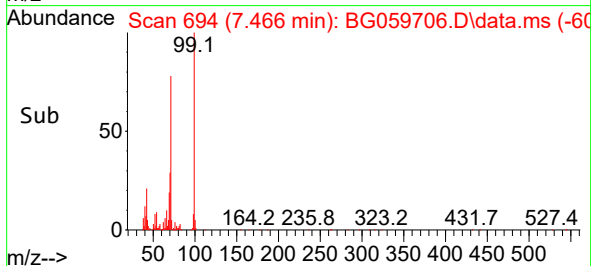
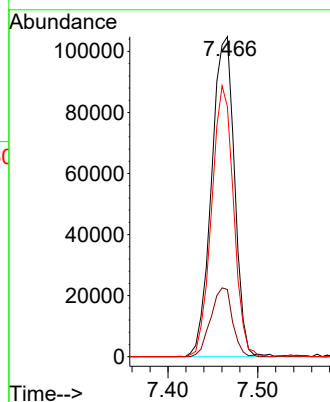
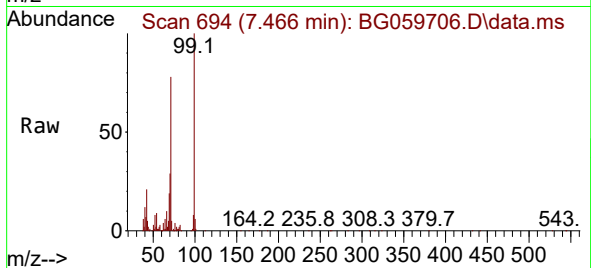




#7
Phenol-d6
Concen: 91.145 ng
RT: 7.466 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

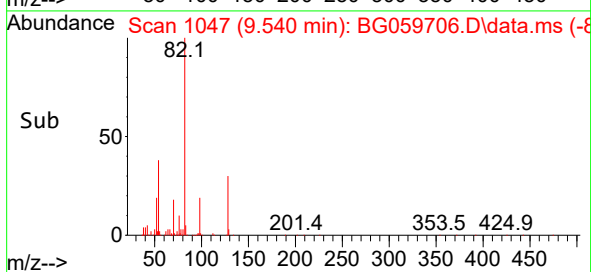
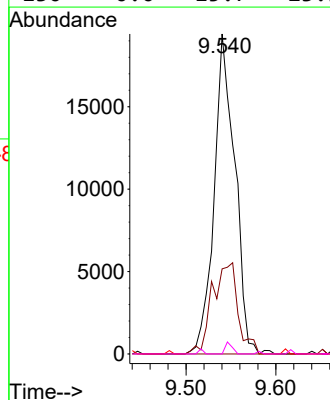
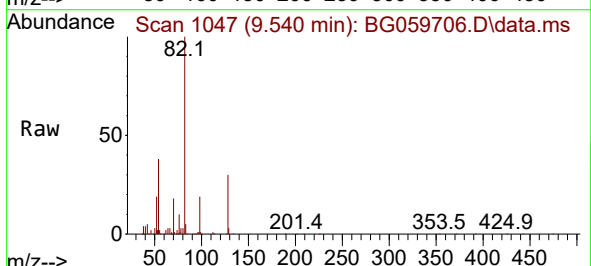
Instrument :
BNA_G
ClientSampleId :
WC-6RE

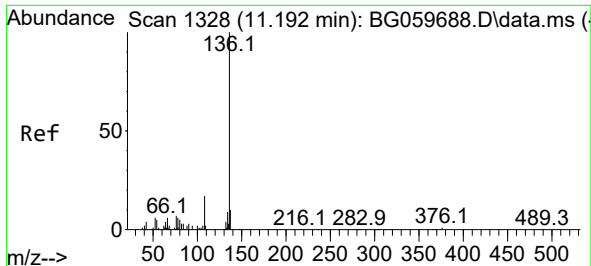
Tgt Ion: 99 Resp: 186153
Ion Ratio Lower Upper
99 100
42 21.0 13.2 19.8#
71 78.1 51.3 76.9#



#19
n-Nitroso-di-n-propylamine
Concen: 19.819 ng
RT: 9.540 min Scan# 1047
Delta R.T. 0.381 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Tgt Ion: 70 Resp: 31182
Ion Ratio Lower Upper
70 100
42 26.6 30.8 46.2#
101 0.0 9.4 14.2#
130 0.0 15.7 23.5#

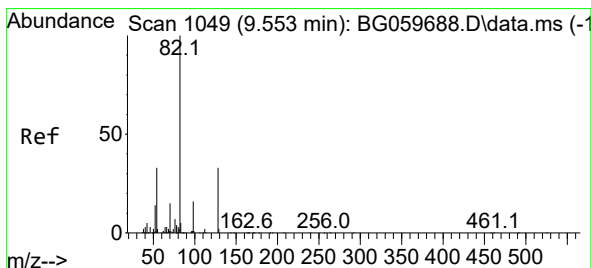
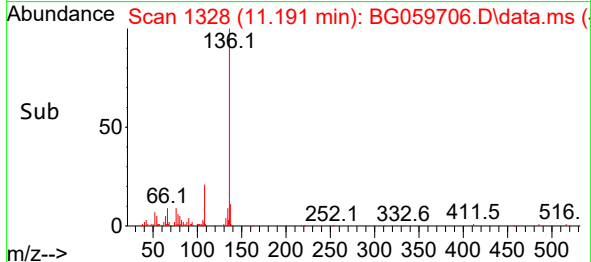
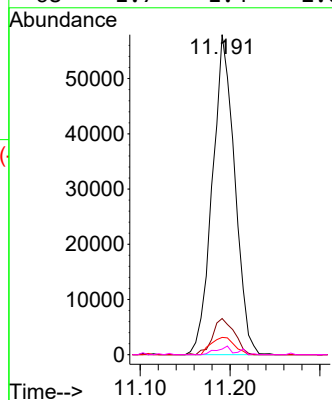
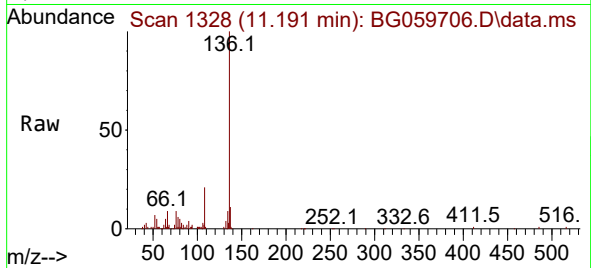




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

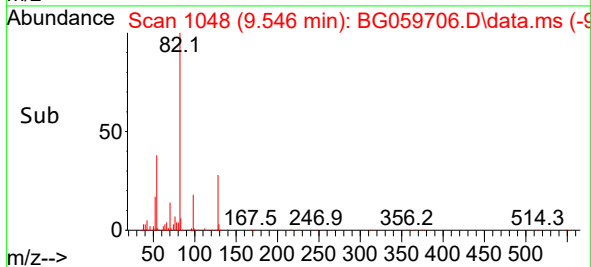
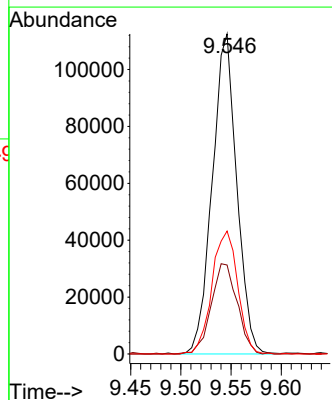
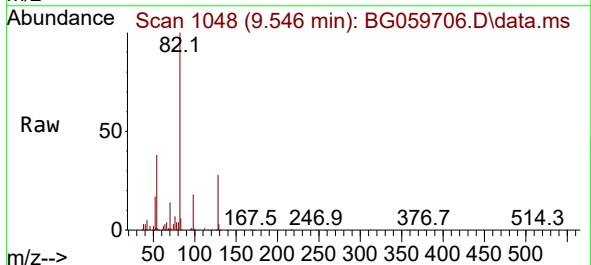
Instrument :
BNA_G
ClientSampleId :
WC-6RE

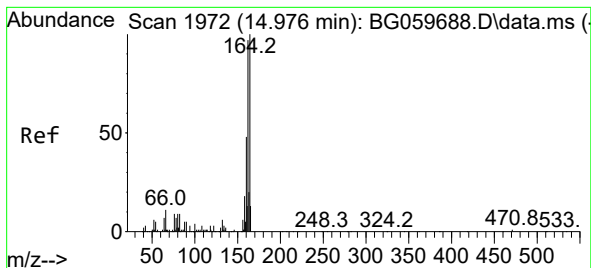
Tgt Ion:	136	Resp:	100055
Ion	Ratio	Lower	Upper
136	100		
137	11.3	7.7	11.5
54	5.4	4.2	6.2
68	1.7	1.4	2.0



#23
Nitrobenzene-d5
Concen: 81.952 ng
RT: 9.546 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Tgt Ion:	82	Resp:	190739
Ion	Ratio	Lower	Upper
82	100		
128	27.8	26.3	39.5
54	38.4	26.6	39.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1972

Delta R.T. -0.007 min

Lab File: BG059706.D

Acq: 15 Nov 2023 19:06

Instrument :

BNA_G

ClientSampleId :

WC-6RE

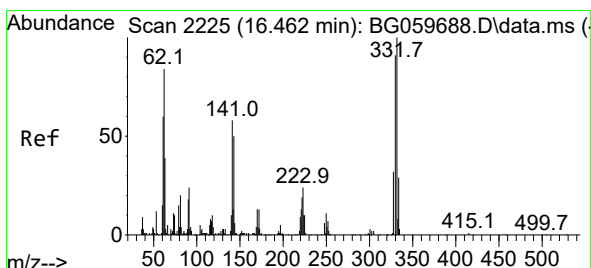
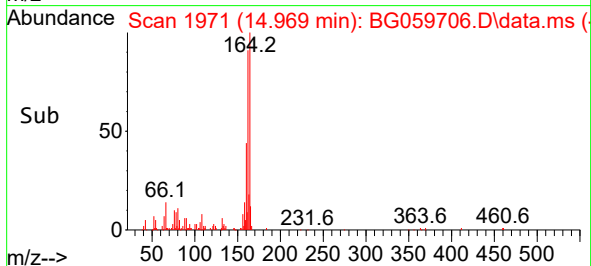
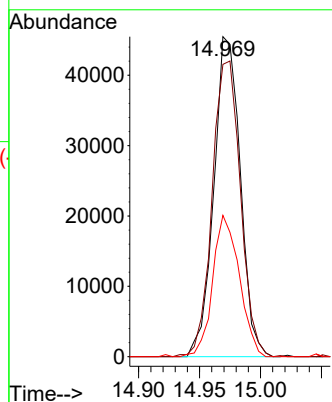
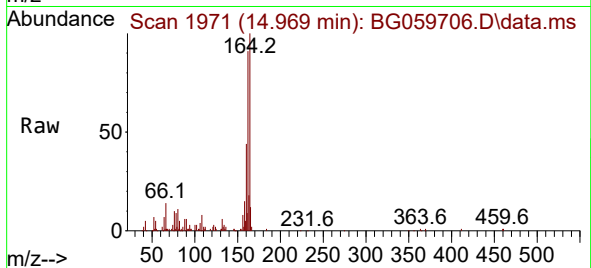
Tgt Ion:164 Resp: 68815

Ion Ratio Lower Upper

164 100

162 91.4 77.8 116.6

160 44.2 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 134.971 ng

RT: 16.461 min Scan# 2225

Delta R.T. -0.001 min

Lab File: BG059706.D

Acq: 15 Nov 2023 19:06

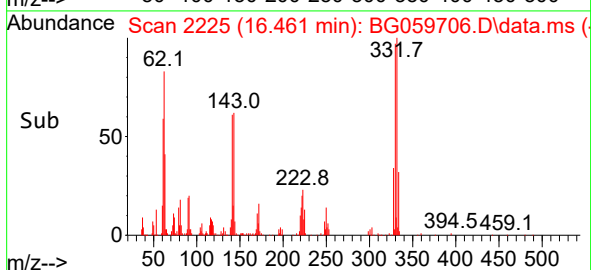
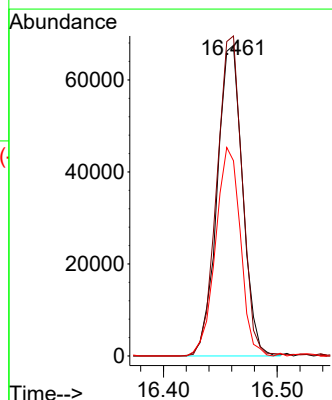
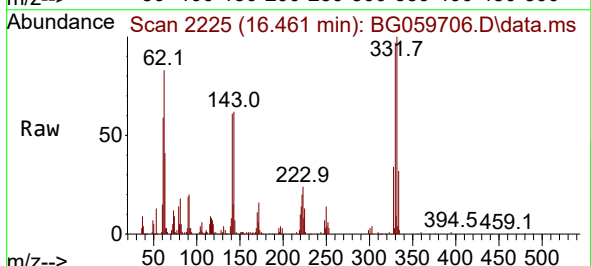
Tgt Ion:330 Resp: 104821

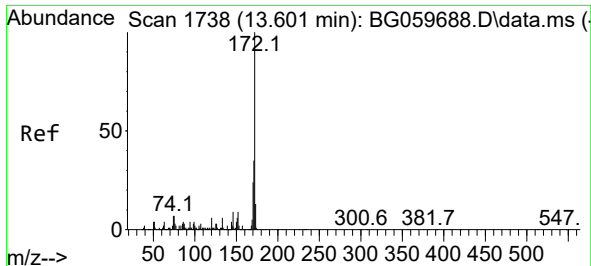
Ion Ratio Lower Upper

330 100

332 102.7 80.7 121.1

141 65.6 51.0 76.6

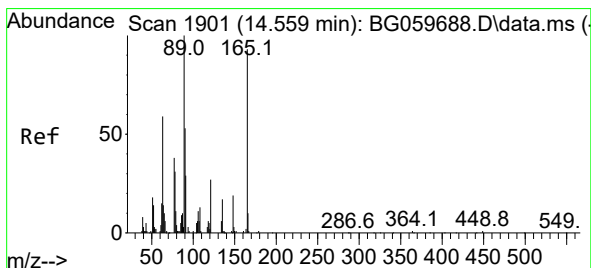
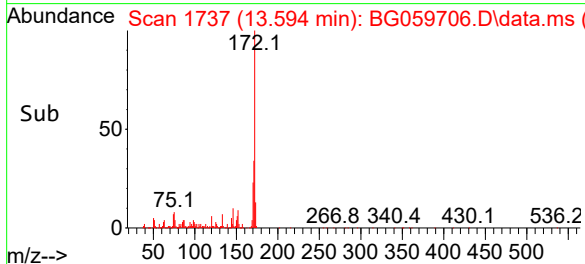
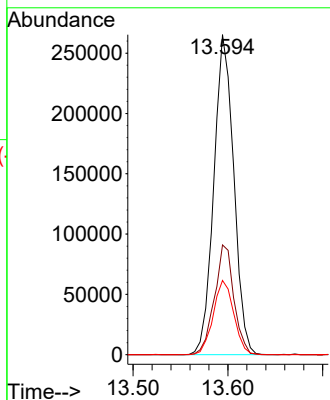
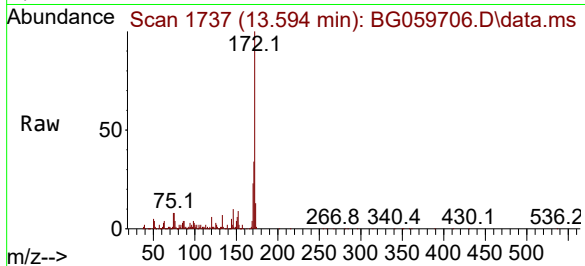




#45
2-Fluorobiphenyl
Concen: 75.920 ng
RT: 13.594 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

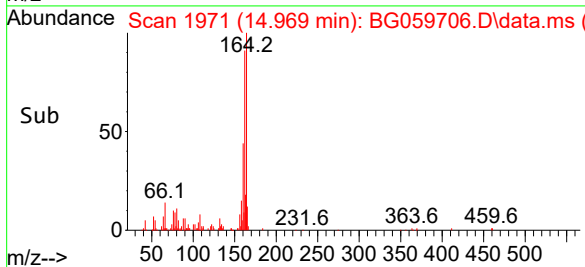
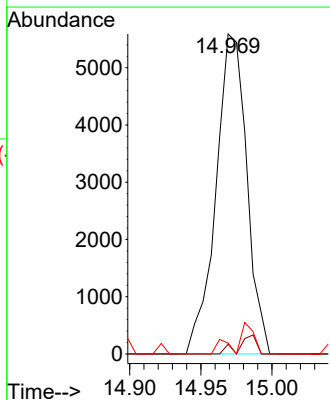
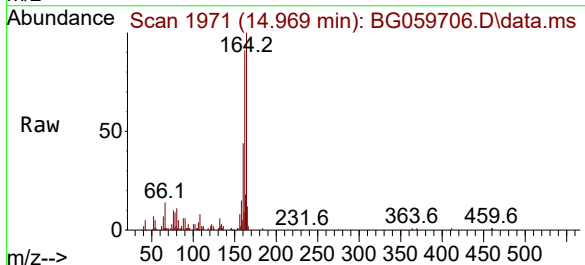
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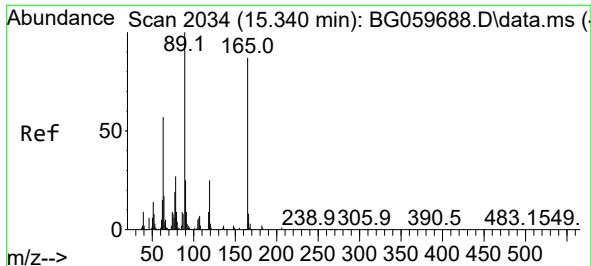
Tgt Ion:172 Resp: 387505
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 23.2 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 8.359 ng
RT: 14.969 min Scan# 1971
Delta R.T. 0.410 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Tgt Ion:165 Resp: 8456
Ion Ratio Lower Upper
165 100
63 3.0 73.6 110.4#
89 3.4 87.0 130.6#





#57

2,4-Dinitrotoluene

Concen: 5.686 ng

RT: 14.969 min Scan# 1971

Delta R.T. -0.371 min

Lab File: BG059706.D

Acq: 15 Nov 2023 19:06

Instrument :

BNA_G

ClientSampleId :

WC-6RE

Tgt Ion:165 Resp: 8456

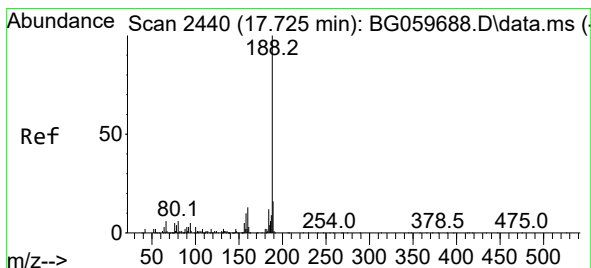
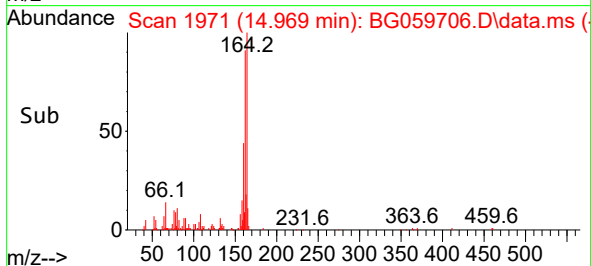
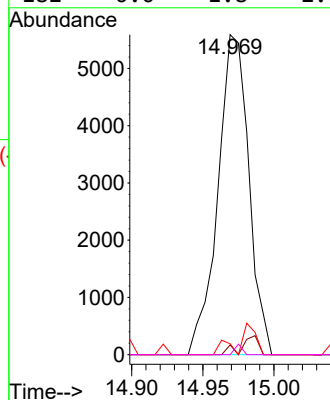
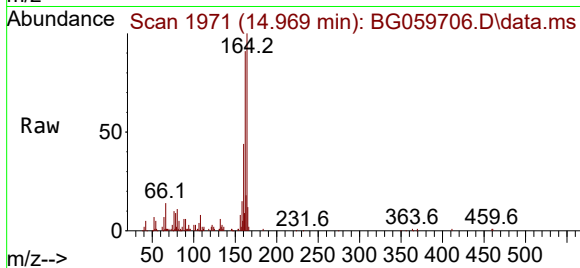
Ion Ratio Lower Upper

165 100

63 3.0 52.2 78.2#

89 3.4 91.8 137.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.725 min Scan# 2440

Delta R.T. -0.001 min

Lab File: BG059706.D

Acq: 15 Nov 2023 19:06

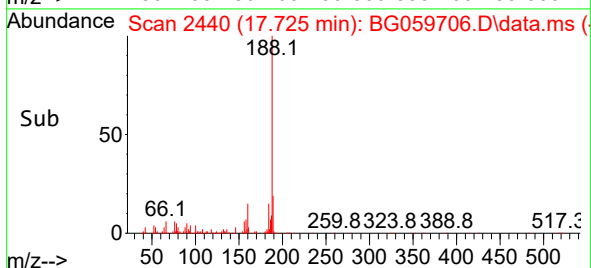
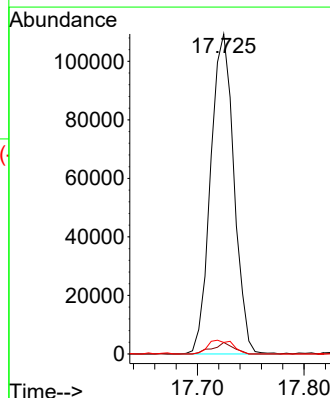
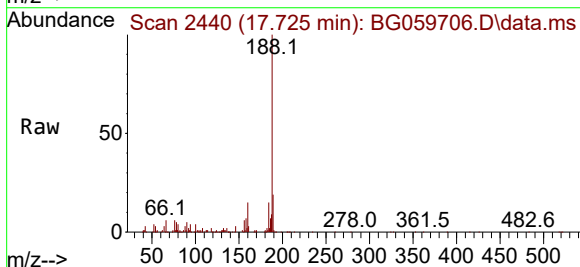
Tgt Ion:188 Resp: 166231

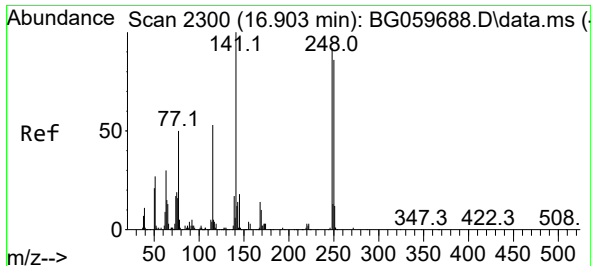
Ion Ratio Lower Upper

188 100

94 3.6 3.9 5.9#

80 3.6 4.5 6.7#

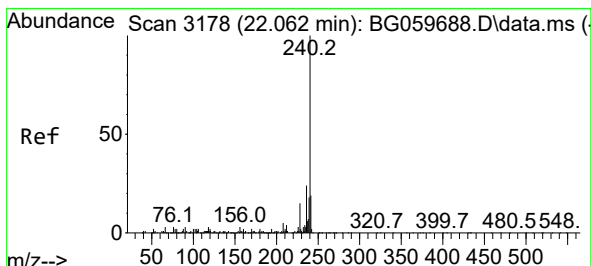
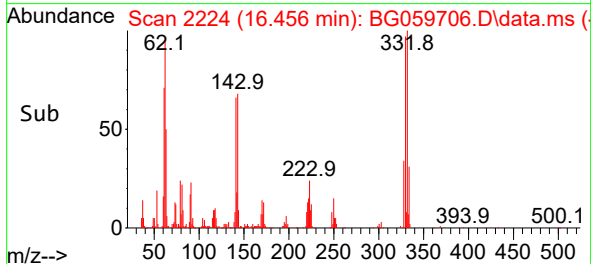
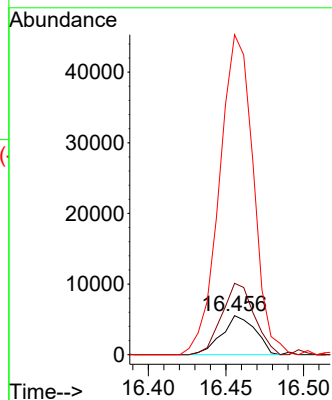
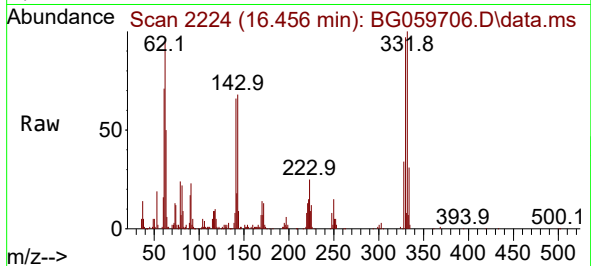




#67
4-Bromophenyl-phenylether
Concen: 4.779 ng
RT: 16.456 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

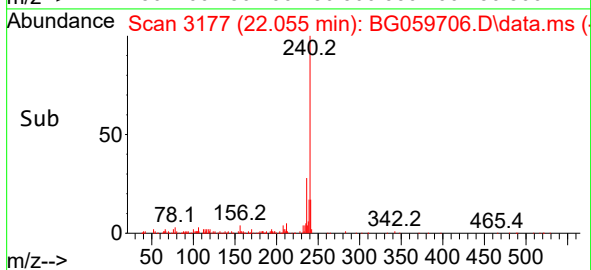
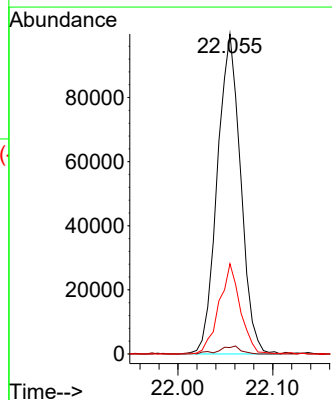
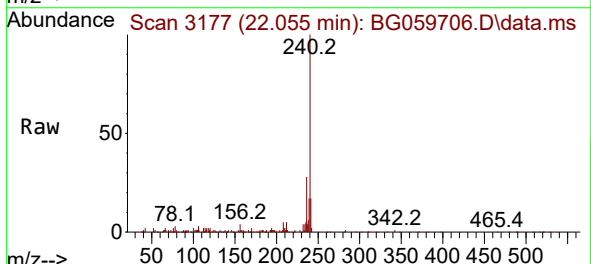
Instrument :
BNA_G
ClientSampleId :
WC-6RE

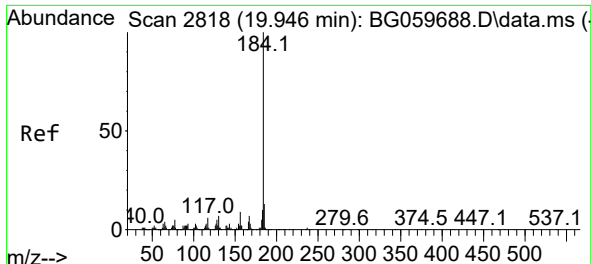
Tgt Ion:248 Resp: 8357
Ion Ratio Lower Upper
248 100
250 182.7 74.5 111.7#
141 820.1 86.6 129.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.055 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Tgt Ion:240 Resp: 170518
Ion Ratio Lower Upper
240 100
120 2.0 2.6 3.8#
236 28.2 19.4 29.0

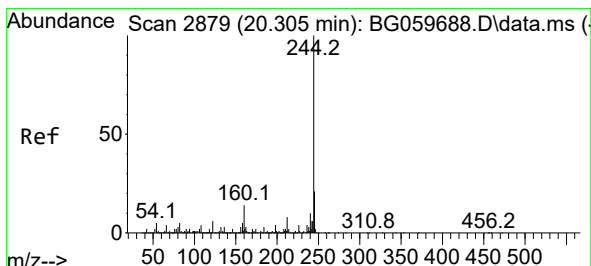
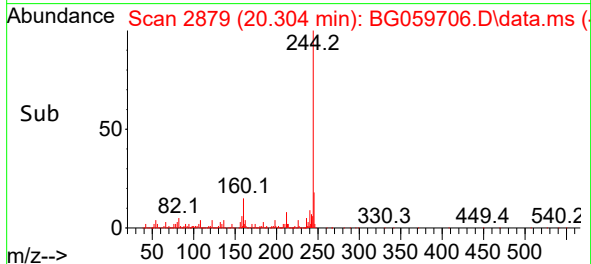
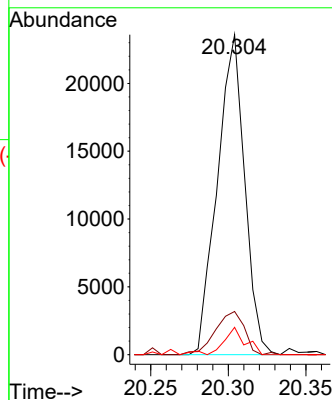
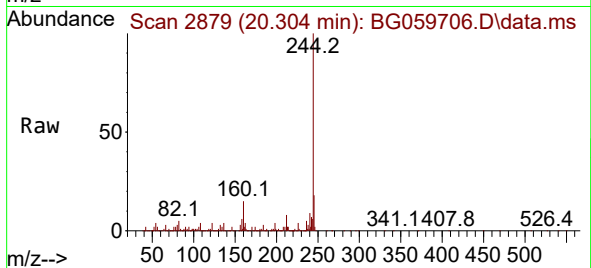




#77
Benzidine
Concen: 10.032 ng
RT: 20.304 min Scan# 2879
Delta R.T. 0.358 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

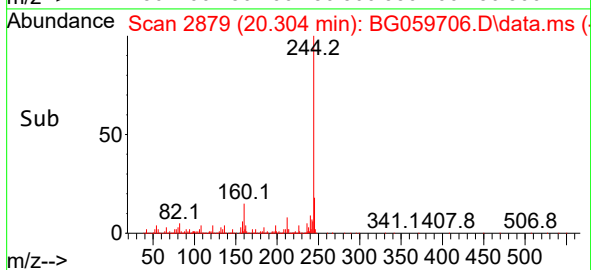
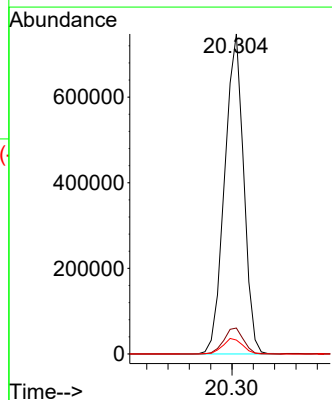
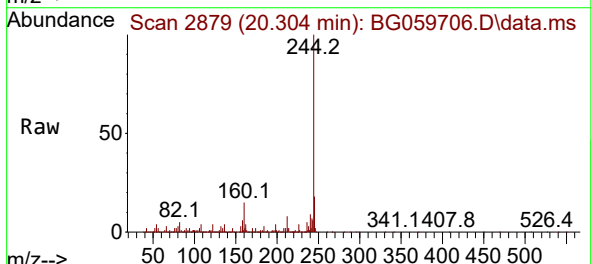
Instrument :
BNA_G
ClientSampleId :
WC-6RE

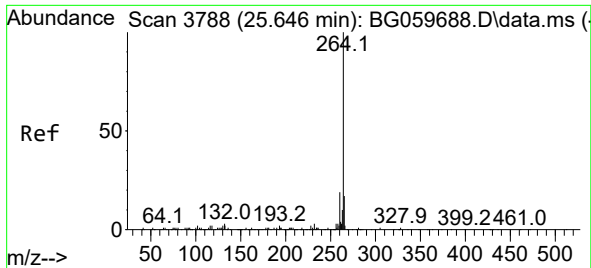
Tgt Ion:184 Resp: 28905
Ion Ratio Lower Upper
184 100
185 13.5 10.7 16.1
183 8.5 7.8 11.6



#79
Terphenyl-d14
Concen: 112.117 ng
RT: 20.304 min Scan# 2879
Delta R.T. -0.001 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Tgt Ion:244 Resp: 926616
Ion Ratio Lower Upper
244 100
212 8.1 6.6 9.8
122 4.4 4.6 6.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.651 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Instrument :
BNA_G
ClientSampleId :
WC-6RE

Tgt Ion:264 Resp: 188373
Ion Ratio Lower Upper
264 100
260 18.7 15.6 23.4
265 20.6 13.4 20.2#

