

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059696.D
 Acq On : 15 Nov 2023 12:03
 Operator : MA/JU
 Sample : PB157131BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157131BL

Quant Time: Nov 15 12:42:17 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)

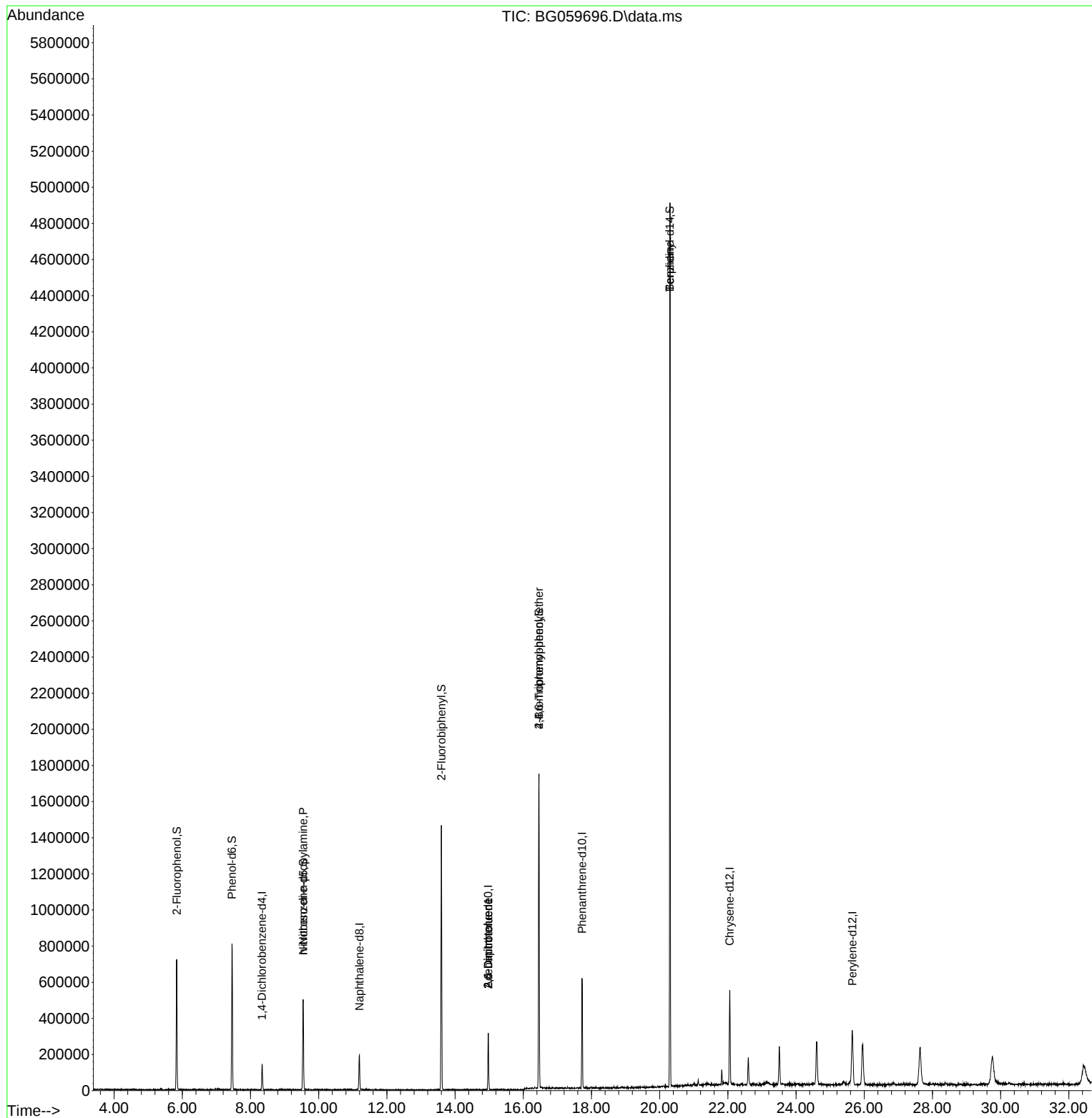
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	31005	20.000	ng	#-0.01
21) Naphthalene-d8	11.196	136	138595	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	101656	20.000	ng	0.00
64) Phenanthrene-d10	17.724	188	348441	20.000	ng	# 0.00
76) Chrysene-d12	22.054	240	326882	20.000	ng	0.00
86) Perylene-d12	25.650	264	372235	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	278039	154.817	ng	0.00
7) Phenol-d6	7.460	99	397035	146.289	ng	0.00
23) Nitrobenzene-d5	9.545	82	323040	100.201	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	248133	216.286	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	665334	88.240	ng	0.00
79) Terphenyl-d14	20.303	244	2020444	127.526	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	126	Below Cal	#	1
3) Pyridine	4.052	79	146	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	9.545	70	50856	24.324	ng	# 69
51) 2,6-Dinitrotoluene	14.974	165	13839	9.260	ng	# 3
57) 2,4-Dinitrotoluene	14.974	165	13839	6.299	ng	# 8
67) 4-Bromophenyl-phenylether	16.461	248	19043	5.195	ng	# 1
77) Benzidine	20.303	184	53451	9.677	ng	# 90
78) Pyrene	20.127	202	3076	Below Cal	#	68

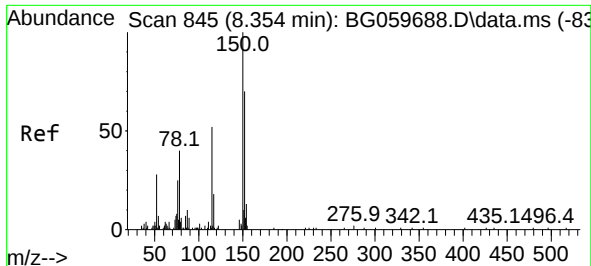
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
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Quant Time: Nov 15 12:42:17 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

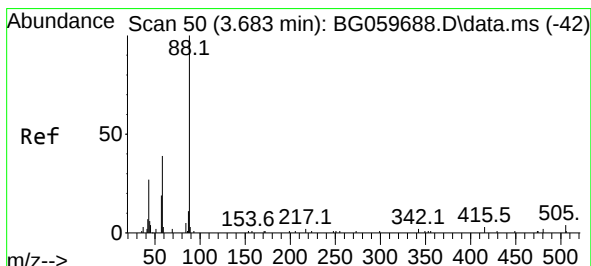
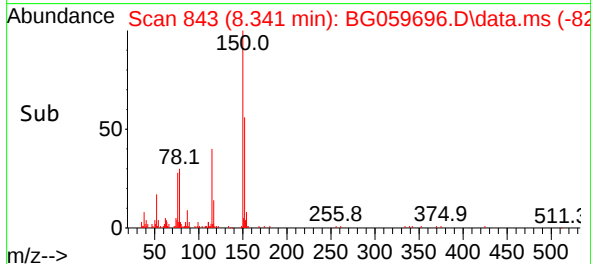
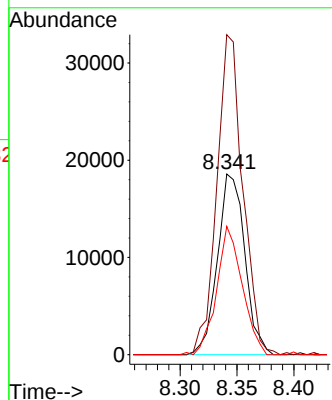
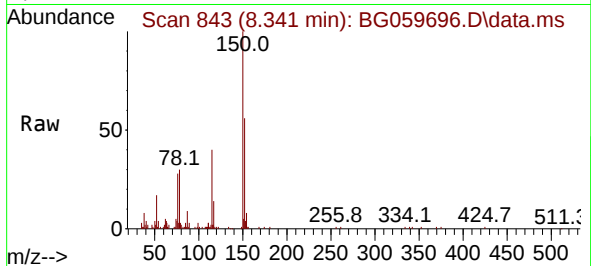




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

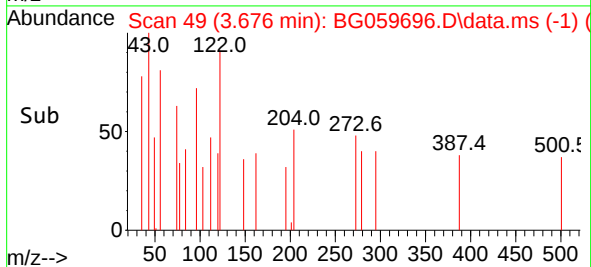
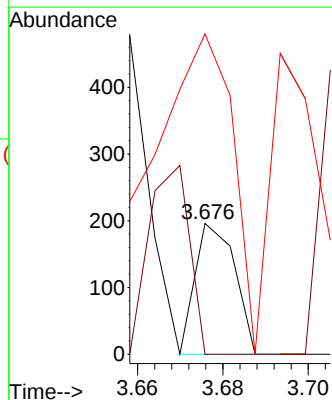
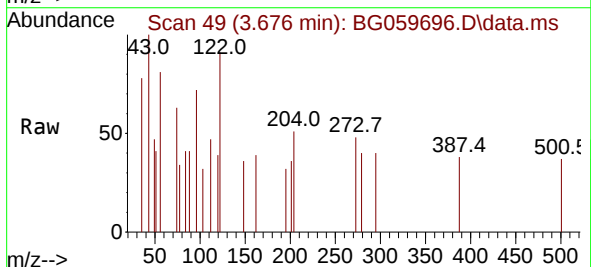
Instrument :
BNA_G
ClientSampleId :
PB157131BL

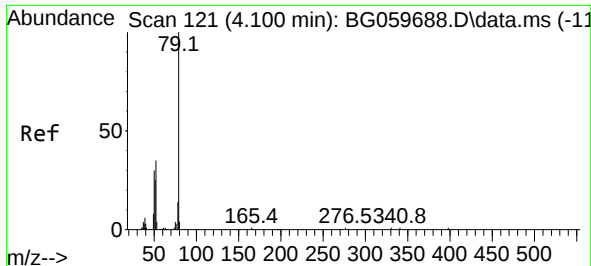
Tgt Ion:152 Resp: 31005
Ion Ratio Lower Upper
152 100
150 177.2 113.9 170.9#
115 71.1 59.4 89.2



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.676 min Scan# 49
Delta R.T. -0.007 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
58 147.6 30.5 45.7#
43 437.3 17.7 26.5#

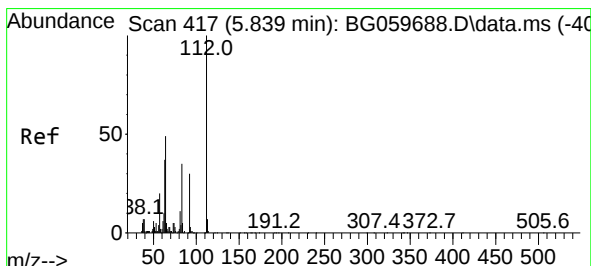
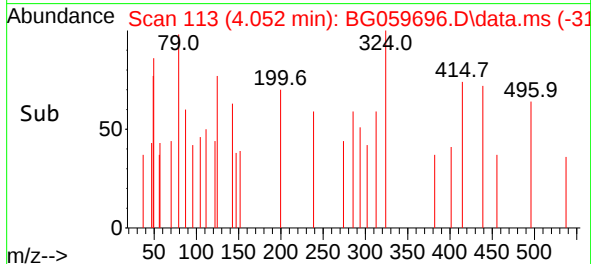
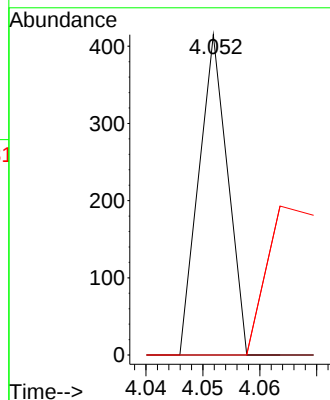
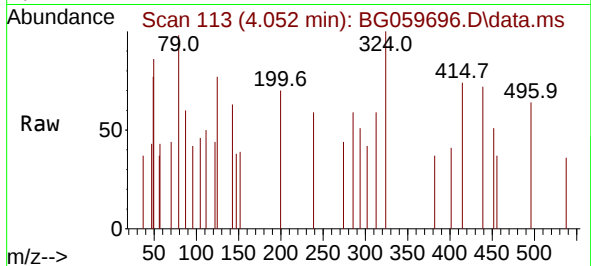




#3
Pyridine
Concen: Below Cal
RT: 4.052 min Scan# 113
Delta R.T. -0.048 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

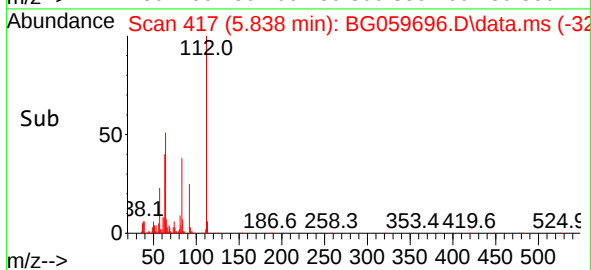
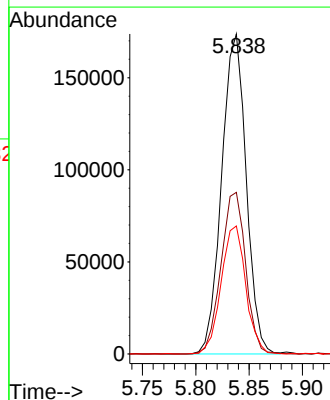
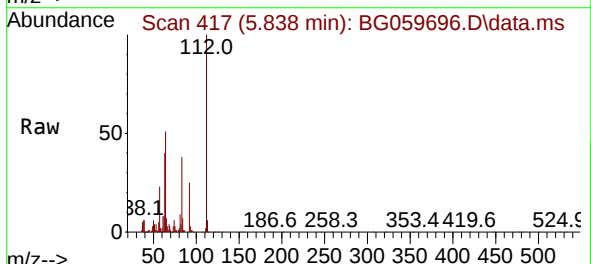
Instrument :
BNA_G
ClientSampleId :
PB157131BL

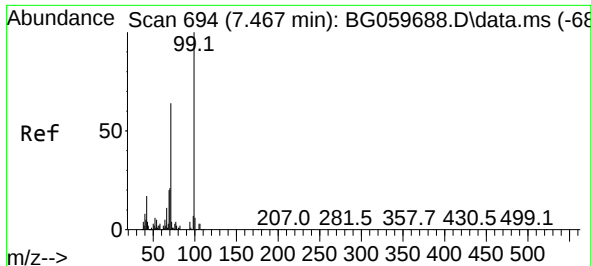
Tgt Ion: 79 Resp: 146
Ion Ratio Lower Upper
79 100
52 0.0 27.8 41.8#
51 0.0 20.2 30.2#



#5
2-Fluorophenol
Concen: 154.817 ng
RT: 5.838 min Scan# 417
Delta R.T. -0.001 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

Tgt Ion: 112 Resp: 278039
Ion Ratio Lower Upper
112 100
64 50.5 39.0 58.6
63 40.0 29.8 44.6

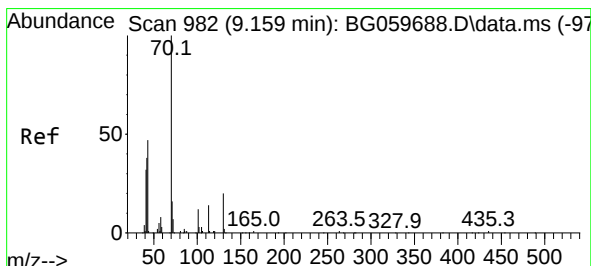
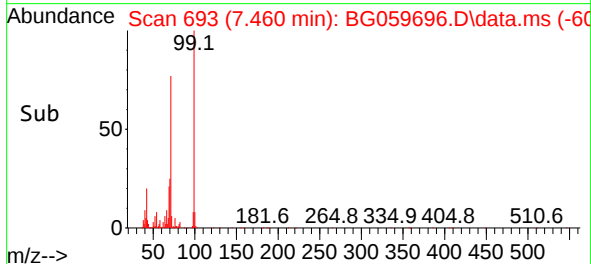
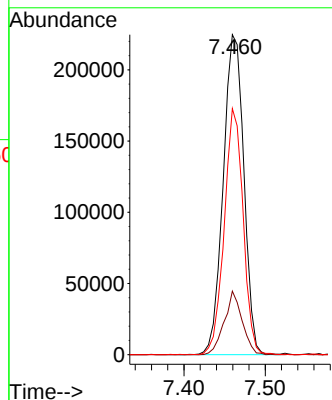
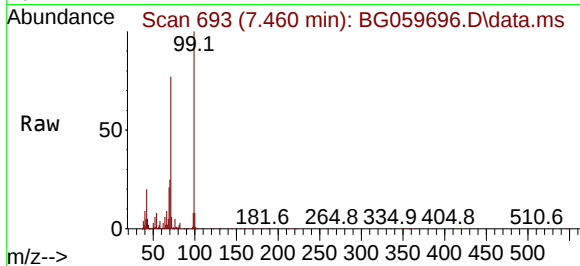




#7
Phenol-d6
Concen: 146.289 ng
RT: 7.460 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

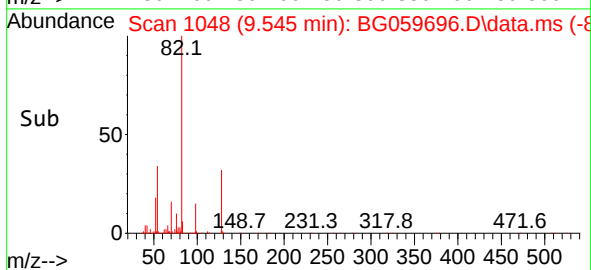
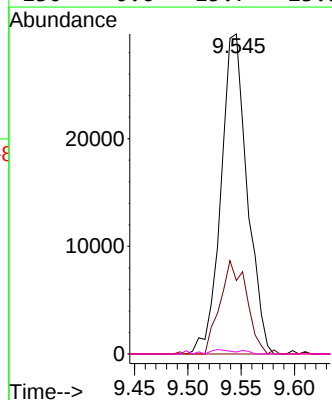
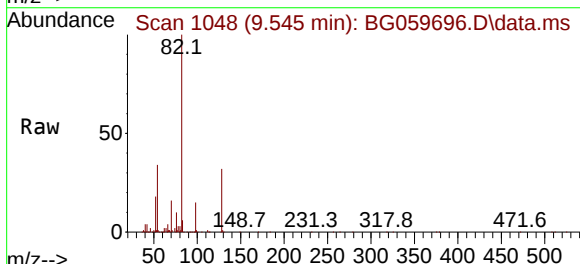
Instrument :
BNA_G
ClientSampleId :
PB157131BL

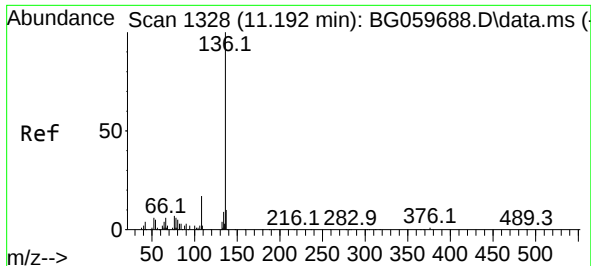
Tgt Ion: 99 Resp: 397035
Ion Ratio Lower Upper
99 100
42 19.8 13.2 19.8#
71 76.9 51.3 76.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.324 ng
RT: 9.545 min Scan# 1048
Delta R.T. 0.386 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

Tgt Ion: 70 Resp: 50856
Ion Ratio Lower Upper
70 100
42 22.9 30.8 46.2#
101 0.0 9.4 14.2#
130 0.6 15.7 23.5#

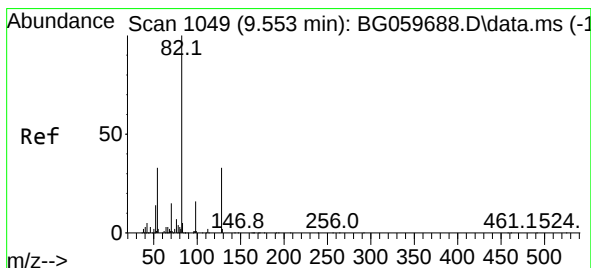
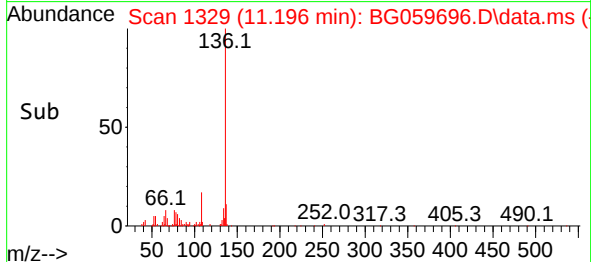
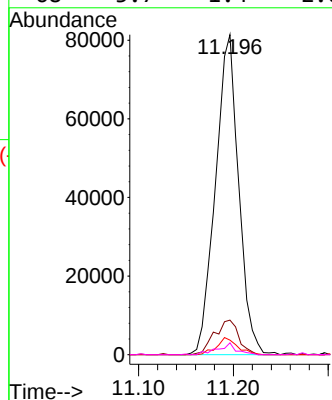
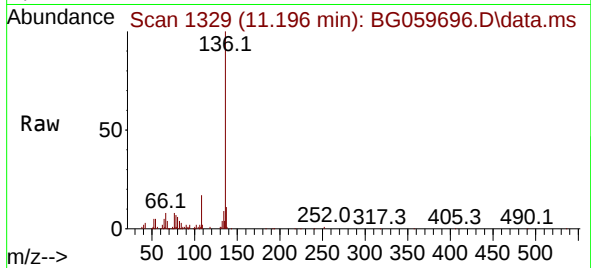




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.196 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

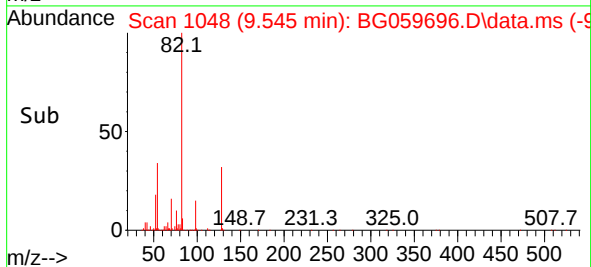
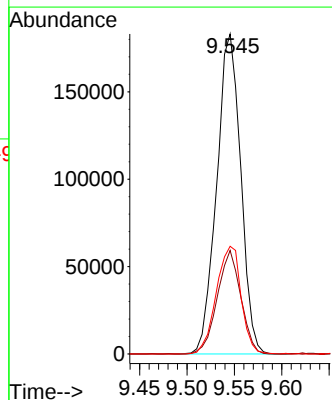
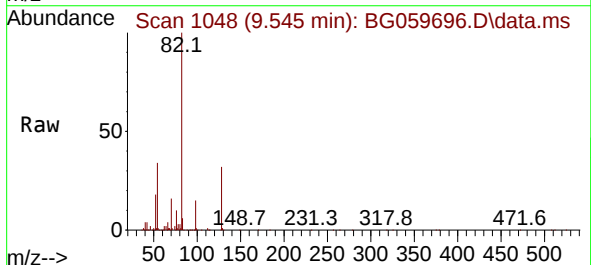
Instrument :
BNA_G
ClientSampleId :
PB157131BL

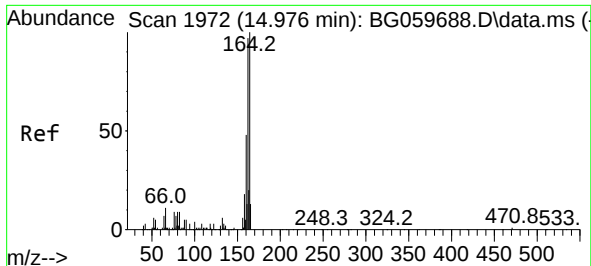
Tgt Ion:136 Resp: 138595
Ion Ratio Lower Upper
136 100
137 10.8 7.7 11.5
54 4.5 4.2 6.2
68 3.7 1.4 2.0#



#23
Nitrobenzene-d5
Concen: 100.201 ng
RT: 9.545 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

Tgt Ion: 82 Resp: 323040
Ion Ratio Lower Upper
82 100
128 32.4 26.3 39.5
54 33.7 26.6 39.8

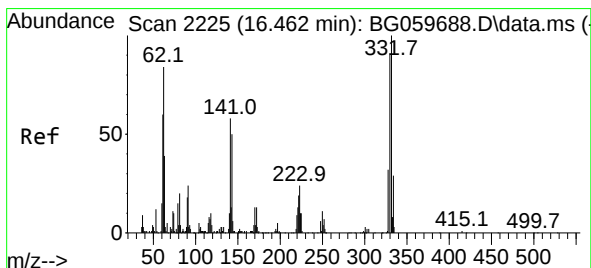
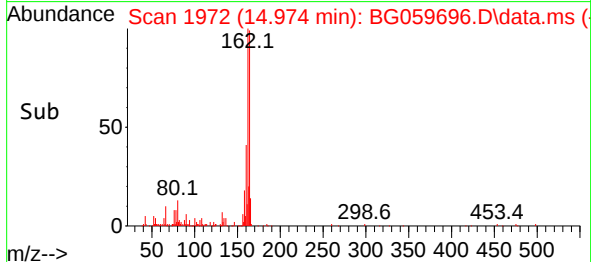
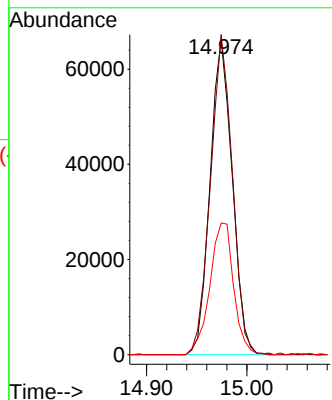
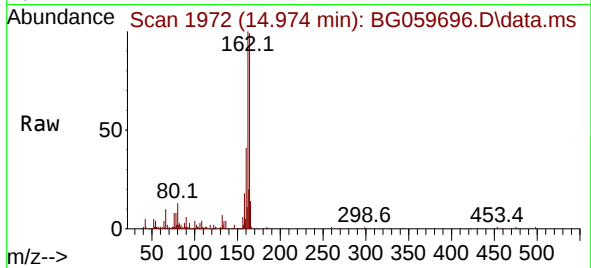




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

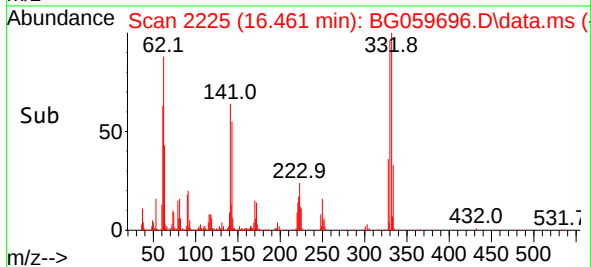
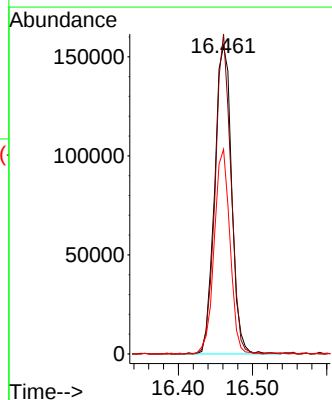
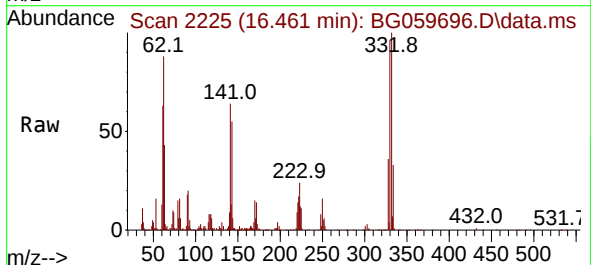
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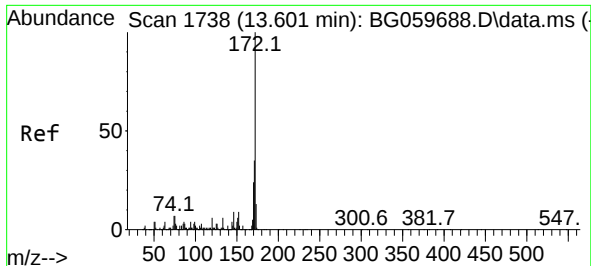
Tgt Ion:164 Resp: 101656
Ion Ratio Lower Upper
164 100
162 101.4 77.8 116.6
160 41.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 216.286 ng
RT: 16.461 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

Tgt Ion:330 Resp: 248133
Ion Ratio Lower Upper
330 100
332 96.1 80.7 121.1
141 61.1 51.0 76.6

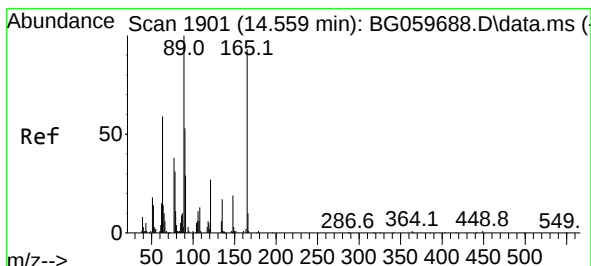
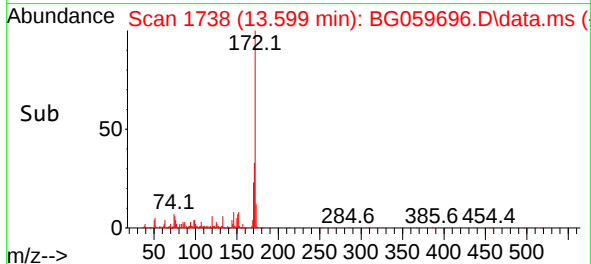
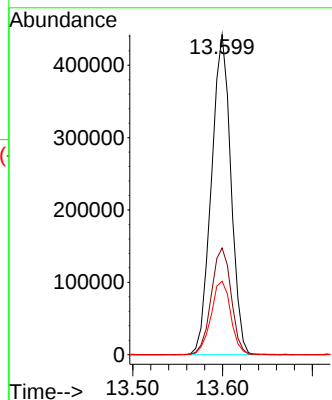
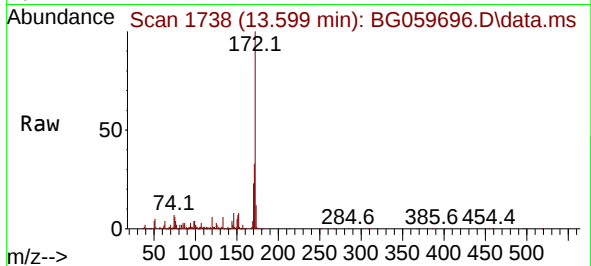




#45
2-Fluorobiphenyl
Concen: 88.240 ng
RT: 13.599 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

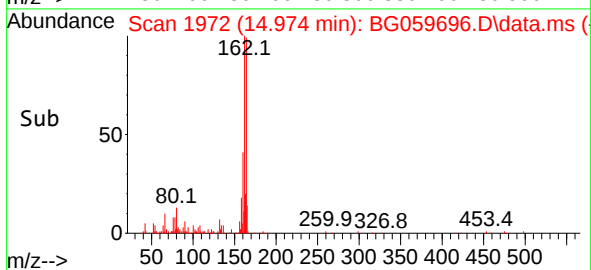
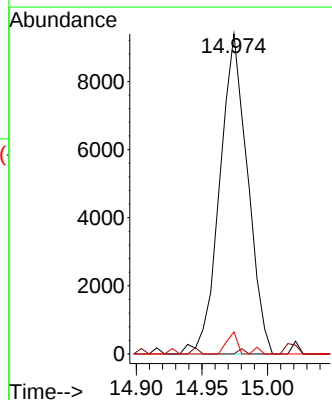
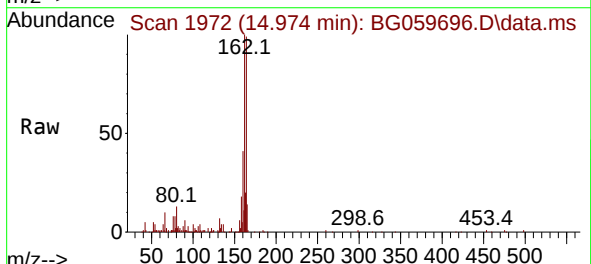
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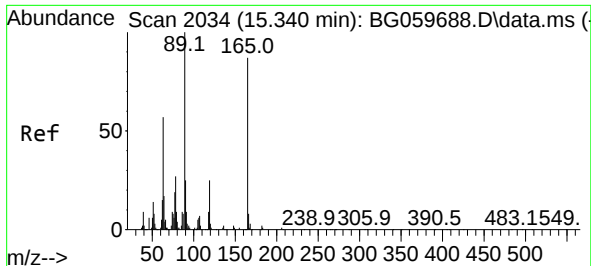
Tgt Ion:172 Resp: 665334
Ion Ratio Lower Upper
172 100
171 33.4 27.9 41.9
170 22.9 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 9.260 ng
RT: 14.974 min Scan# 1972
Delta R.T. 0.416 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

Tgt Ion:165 Resp: 13839
Ion Ratio Lower Upper
165 100
63 0.0 73.6 110.4#
89 6.9 87.0 130.6#





#57

2,4-Dinitrotoluene

Concen: 6.299 ng

RT: 14.974 min Scan# 14

Delta R.T. -0.366 min

Lab File: BG059696.D

Acq: 15 Nov 2023 12:03

Instrument :

BNA_G

ClientSampleId :

PB157131BL

Tgt Ion:165 Resp: 13839

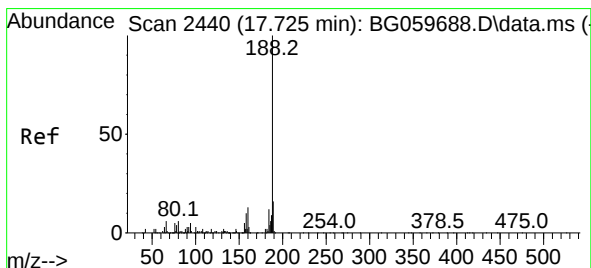
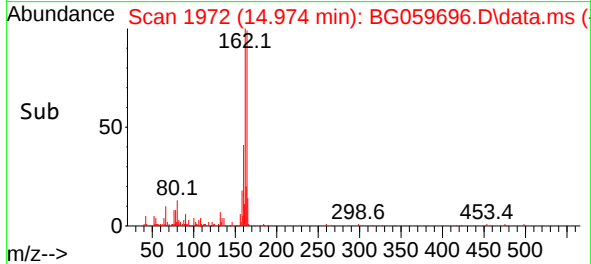
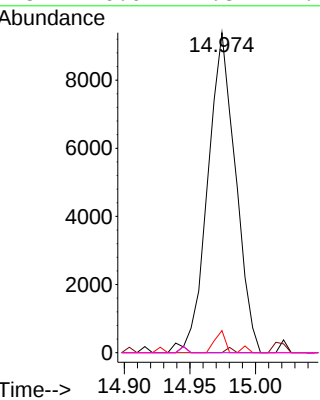
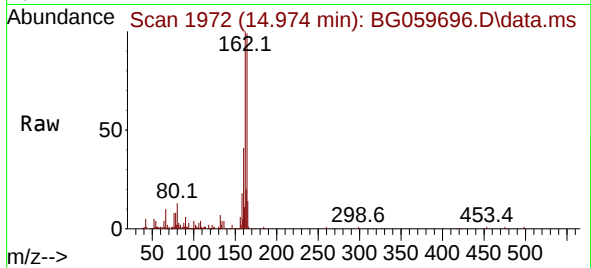
Ion Ratio Lower Upper

165 100

63 0.0 52.2 78.2#

89 6.9 91.8 137.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.724 min Scan# 2440

Delta R.T. -0.001 min

Lab File: BG059696.D

Acq: 15 Nov 2023 12:03

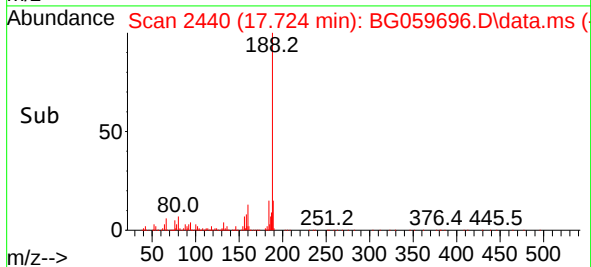
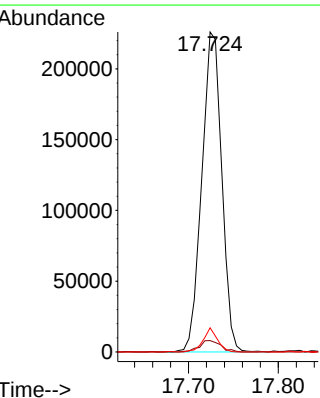
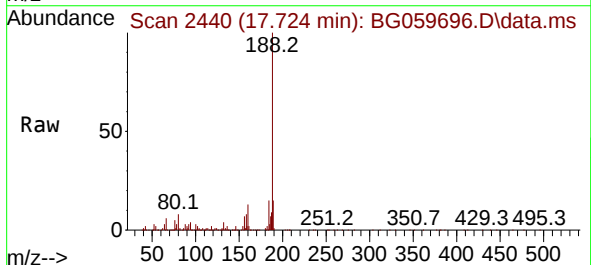
Tgt Ion:188 Resp: 348441

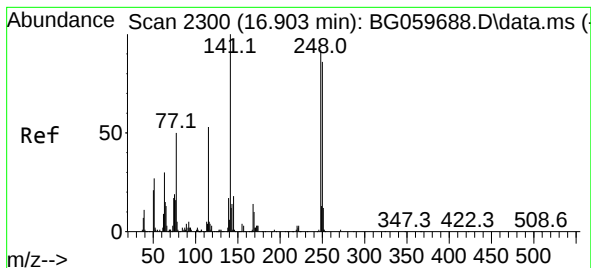
Ion Ratio Lower Upper

188 100

94 3.6 3.9 5.9#

80 7.5 4.5 6.7#

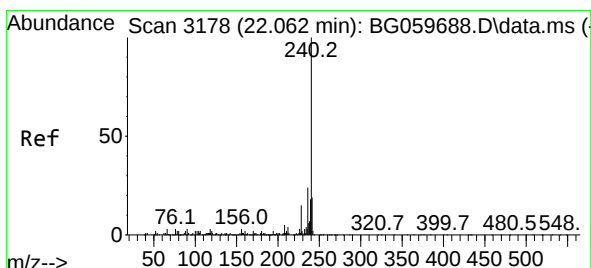
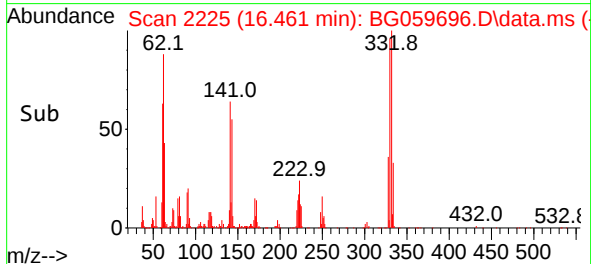
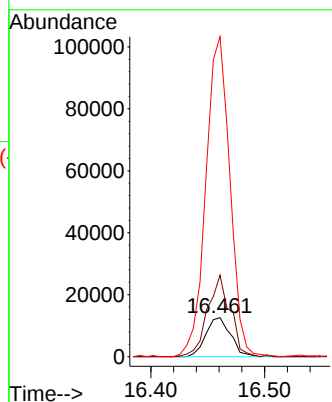
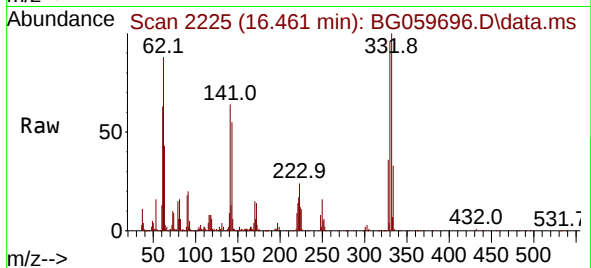




#67
4-Bromophenyl-phenylether
Concen: 5.195 ng
RT: 16.461 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

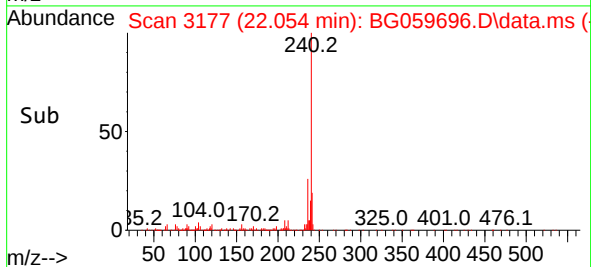
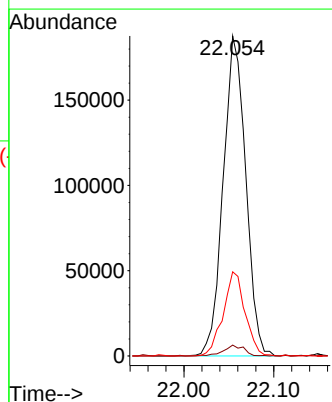
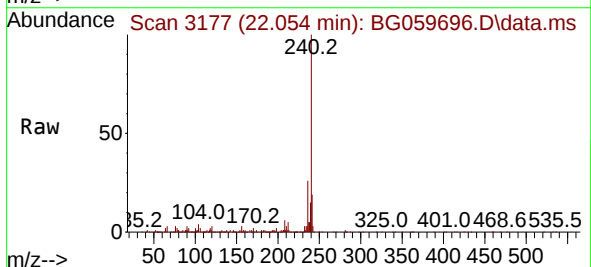
Instrument :
BNA_G
ClientSampleId :
PB157131BL

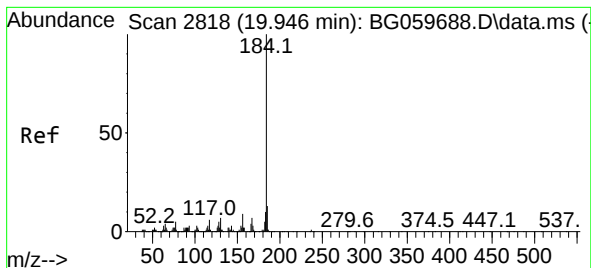
Tgt Ion:248 Resp: 19043
Ion Ratio Lower Upper
248 100
250 208.2 74.5 111.7#
141 818.6 86.6 129.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.054 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BG059696.D
Acq: 15 Nov 2023 12:03

Tgt Ion:240 Resp: 326882
Ion Ratio Lower Upper
240 100
120 3.4 2.6 3.8
236 26.3 19.4 29.0





#77

Benzidine

Concen: 9.677 ng

RT: 20.303 min Scan# 2818

Delta R.T. 0.357 min

Lab File: BG059696.D

Acq: 15 Nov 2023 12:03

Instrument :

BNA_G

ClientSampleId :

PB157131BL

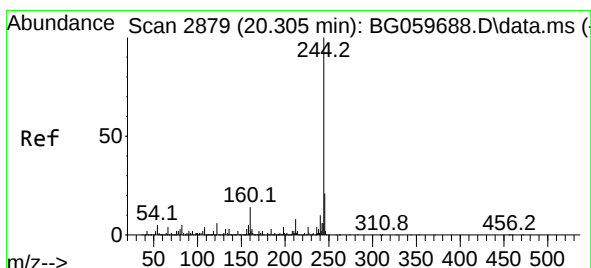
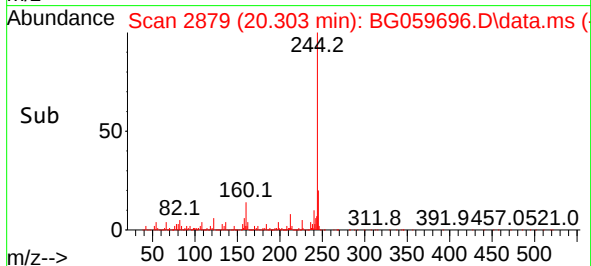
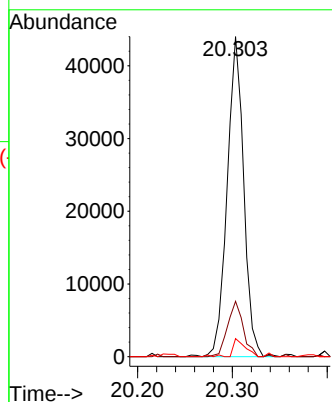
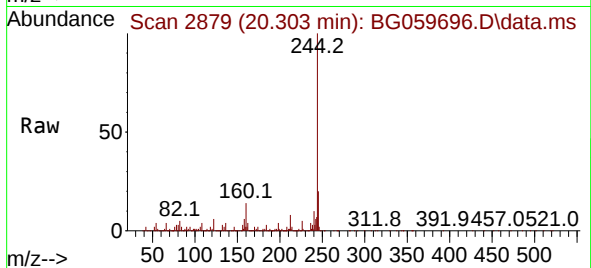
Tgt Ion:184 Resp: 53451

Ion Ratio Lower Upper

184 100

185 17.3 10.7 16.1#

183 5.7 7.8 11.6#



#79

Terphenyl-d14

Concen: 127.526 ng

RT: 20.303 min Scan# 2879

Delta R.T. -0.002 min

Lab File: BG059696.D

Acq: 15 Nov 2023 12:03

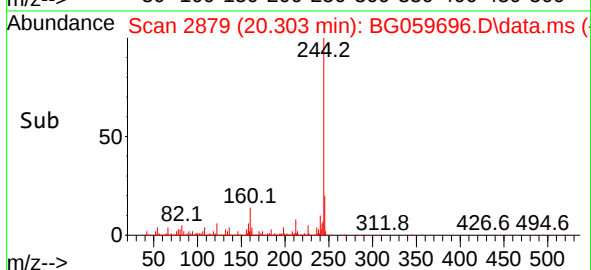
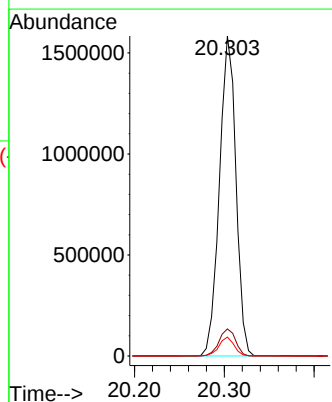
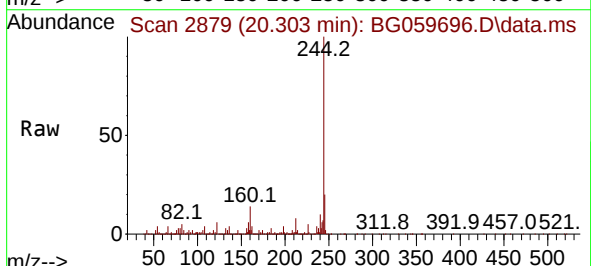
Tgt Ion:244 Resp: 2020444

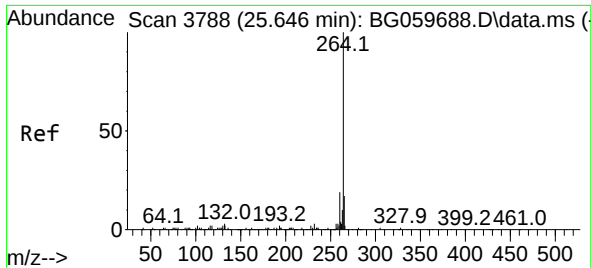
Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

122 5.9 4.6 6.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.650 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BG059696.D
 Acq: 15 Nov 2023 12:03

Instrument :
 BNA_G
 ClientSampleId :
 PB157131BL

Tgt Ion:264 Resp: 372235
 Ion Ratio Lower Upper
 264 100
 260 21.8 15.6 23.4
 265 20.6 13.4 20.2#

