

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059701.D
 Acq On : 15 Nov 2023 15:44
 Operator : MA/JU
 Sample : 05311-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Nov 15 16:19:00 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)

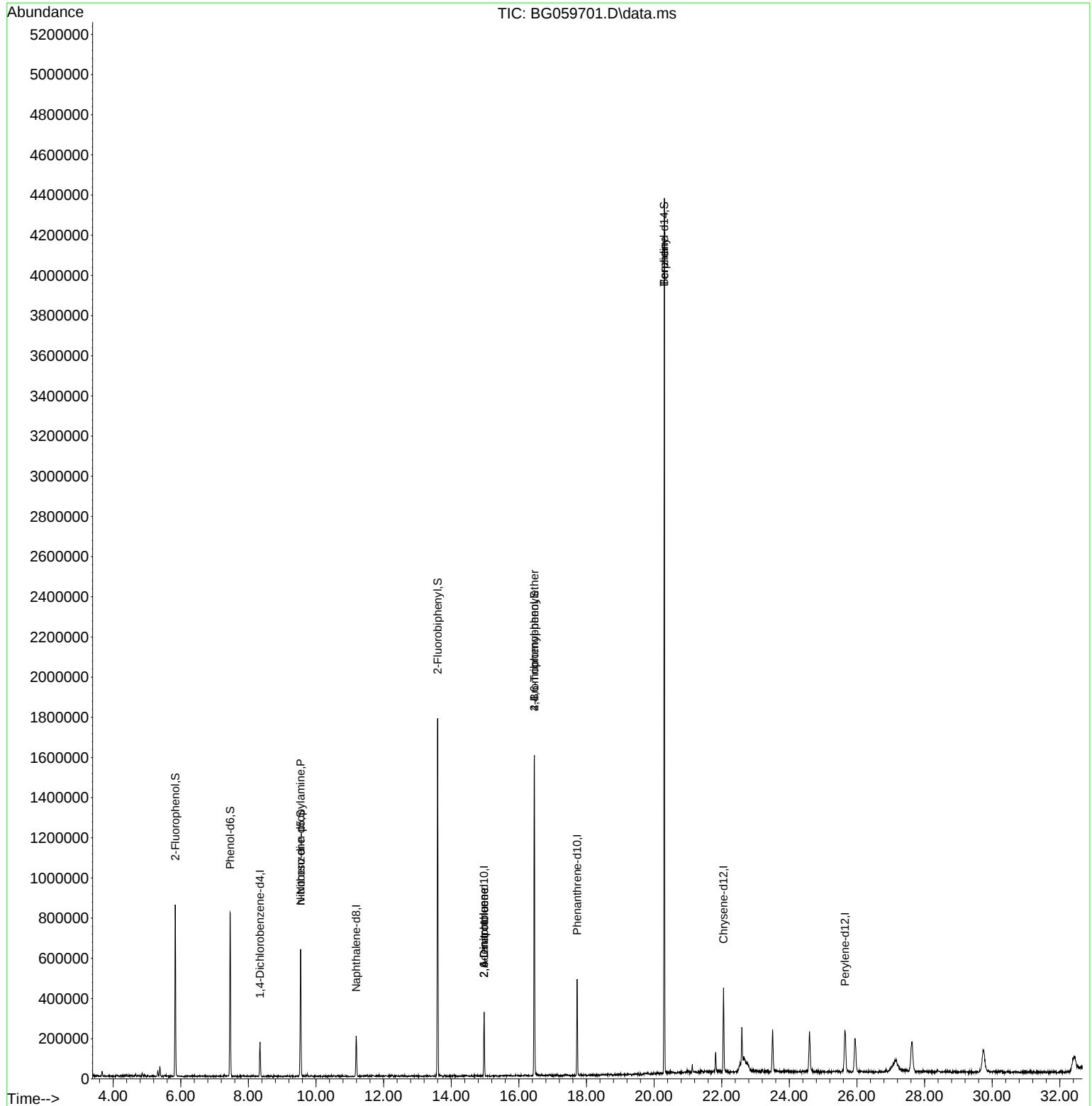
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	36078	20.000	ng	# 0.00
21) Naphthalene-d8	11.191	136	146427	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	96292	20.000	ng	0.00
64) Phenanthrene-d10	17.724	188	254445	20.000	ng	# 0.00
76) Chrysene-d12	22.054	240	248272	20.000	ng	0.00
86) Perylene-d12	25.644	264	278260	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	299357	143.249	ng	0.00
7) Phenol-d6	7.465	99	385612	122.102	ng	0.00
23) Nitrobenzene-d5	9.545	82	385600	113.208	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	211266	194.409	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	786373	110.103	ng	0.00
79) Terphenyl-d14	20.303	244	1768927	147.003	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.676	88	169	Below Cal	#	1
3) Pyridine	4.075	79	137	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	9.545	70	62364	25.634	ng	# 78
51) 2,6-Dinitrotoluene	14.968	165	12188	8.610	ng	# 5
57) 2,4-Dinitrotoluene	14.968	165	12188	5.856	ng	# 9
67) 4-Bromophenyl-phenylether	16.461	248	16317	6.096	ng	# 1
77) Benzidine	20.303	184	52997	12.633	ng	# 81
78) Pyrene	20.121	202	929	Below Cal	#	70

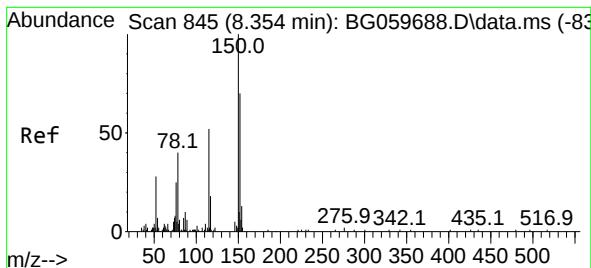
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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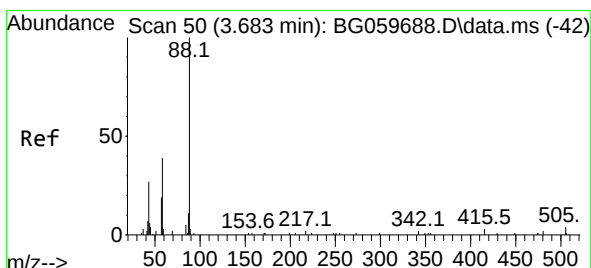
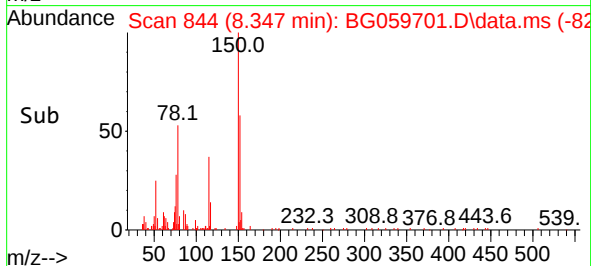
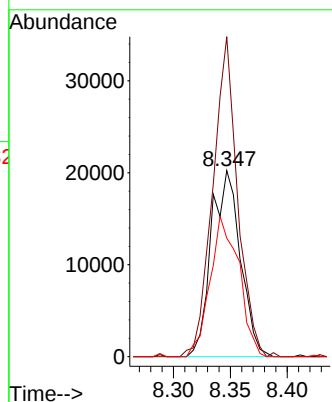
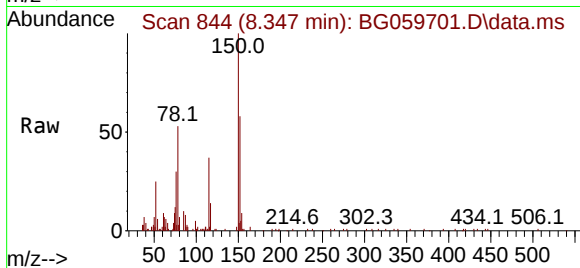




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

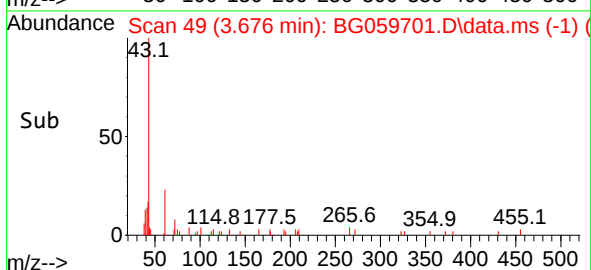
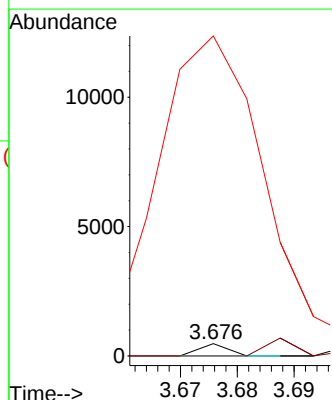
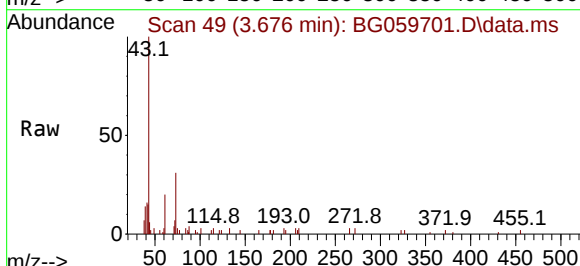
Instrument :
BNA_G
ClientSampleId :
TP-6

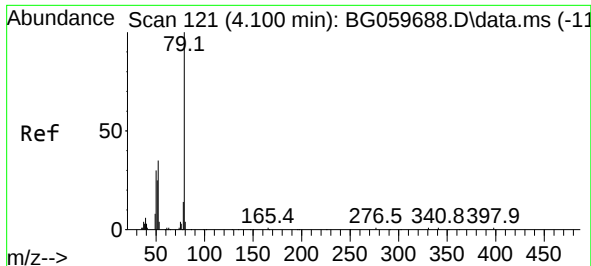
Tgt Ion:152 Resp: 36078
Ion Ratio Lower Upper
152 100
150 172.0 113.9 170.9#
115 63.7 59.4 89.2



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.676 min Scan# 49
Delta R.T. -0.007 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

Tgt Ion: 88 Resp: 169
Ion Ratio Lower Upper
88 100
58 0.0 30.5 45.7#
43 9875.1 17.7 26.5#





#3

Pyridine

Concen: Below Cal

RT: 4.075 min Scan# 117

Delta R.T. -0.025 min

Lab File: BG059701.D

Acq: 15 Nov 2023 15:44

Instrument :

BNA_G

ClientSampleId :

TP-6

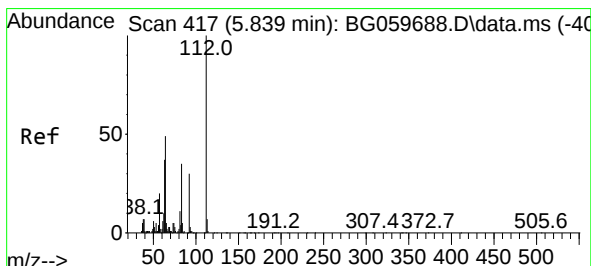
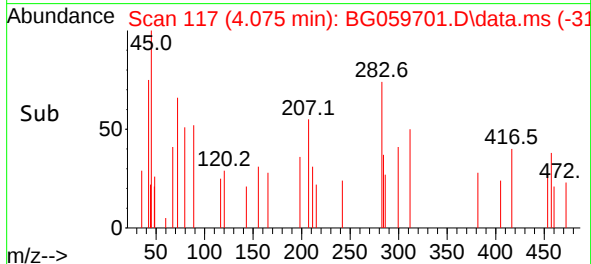
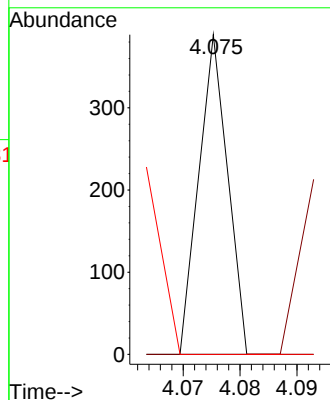
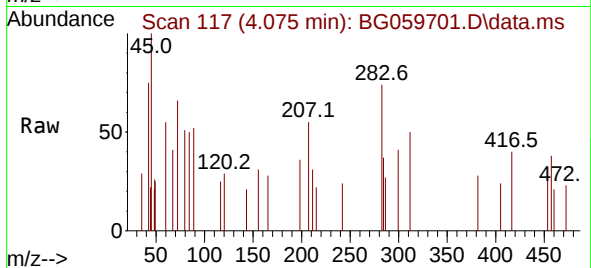
Tgt Ion: 79 Resp: 137

Ion Ratio Lower Upper

79 100

52 0.0 27.8 41.8#

51 0.0 20.2 30.2#



#5

2-Fluorophenol

Concen: 143.249 ng

RT: 5.838 min Scan# 417

Delta R.T. -0.001 min

Lab File: BG059701.D

Acq: 15 Nov 2023 15:44

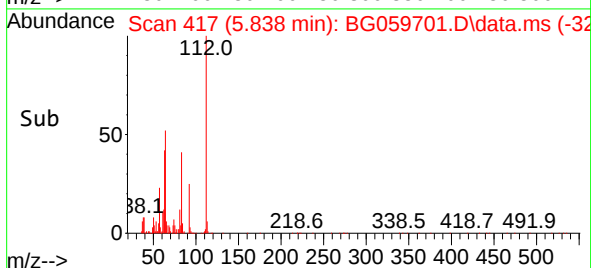
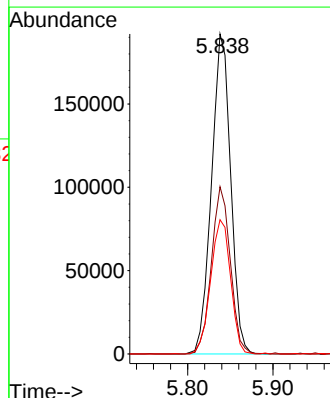
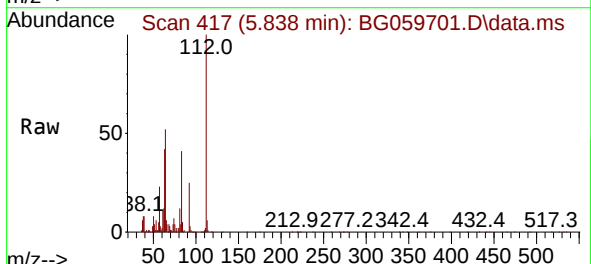
Tgt Ion: 112 Resp: 299357

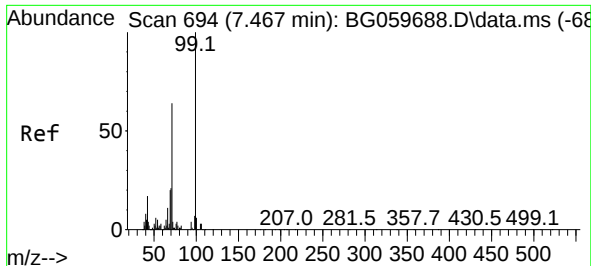
Ion Ratio Lower Upper

112 100

64 52.3 39.0 58.6

63 42.0 29.8 44.6

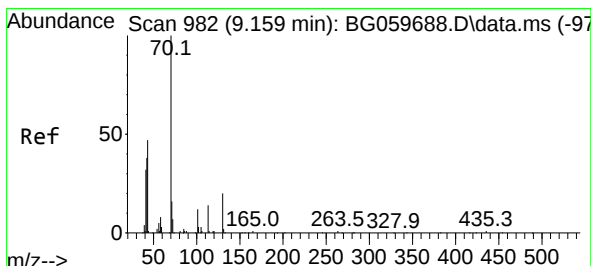
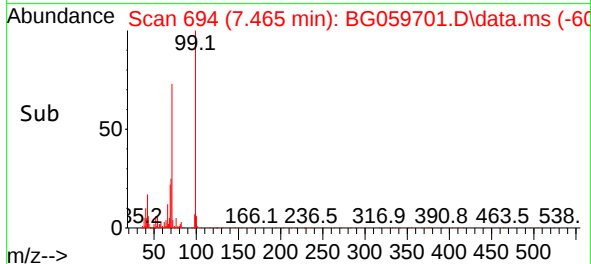
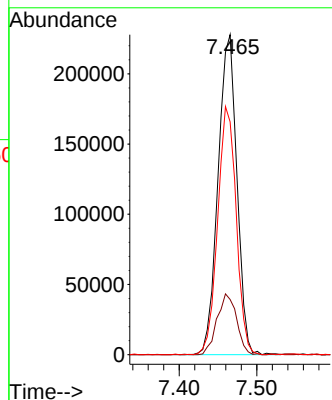
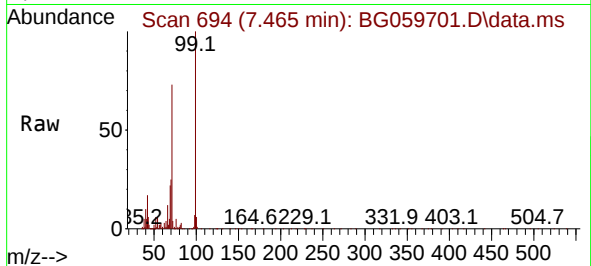




#7
Phenol-d6
Concen: 122.102 ng
RT: 7.465 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

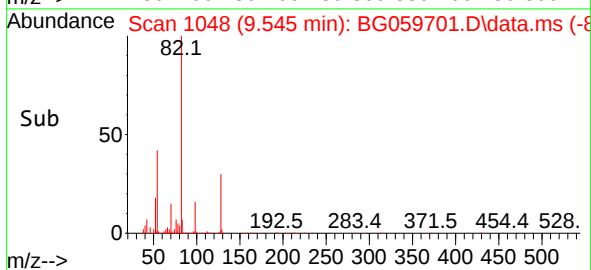
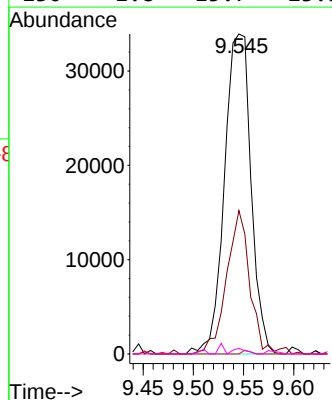
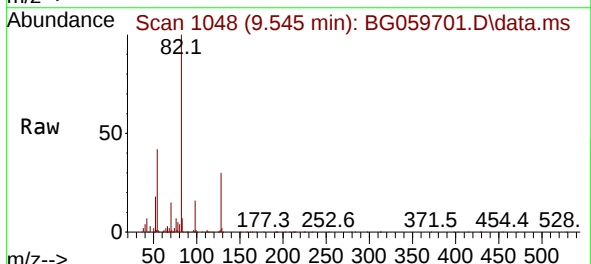
Instrument :
BNA_G
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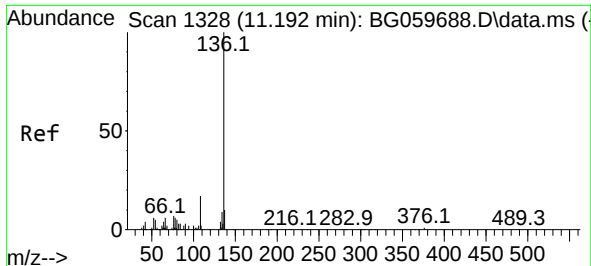
Tgt Ion: 99 Resp: 385612
Ion Ratio Lower Upper
99 100
42 17.3 13.2 19.8
71 72.8 51.3 76.9



#19
n-Nitroso-di-n-propylamine
Concen: 25.634 ng
RT: 9.545 min Scan# 1048
Delta R.T. 0.386 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

Tgt Ion: 70 Resp: 62364
Ion Ratio Lower Upper
70 100
42 44.8 30.8 46.2
101 0.0 9.4 14.2#
130 1.8 15.7 23.5#

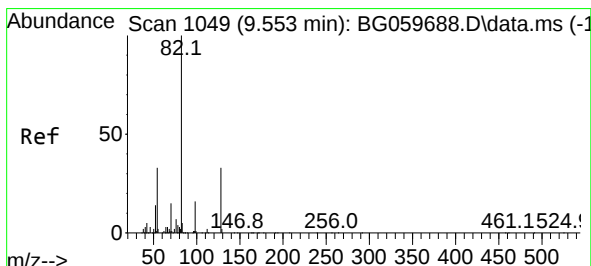
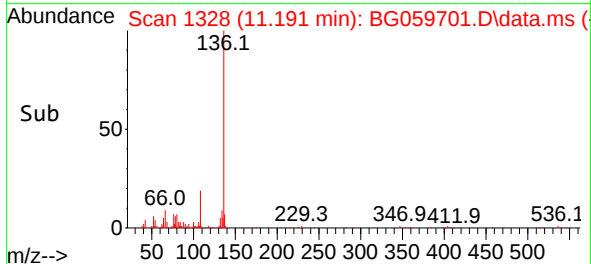
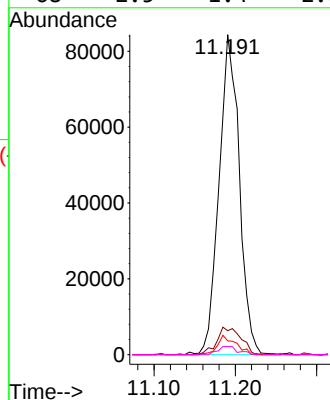
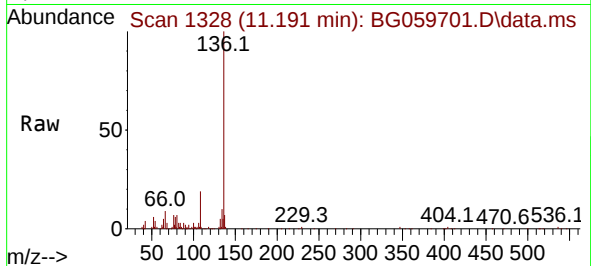




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

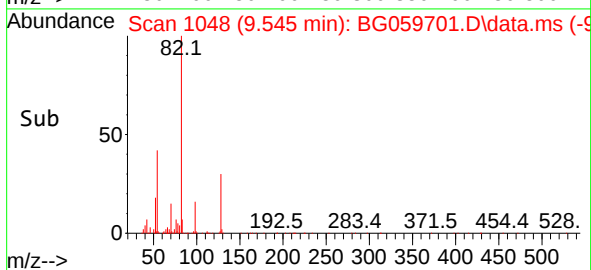
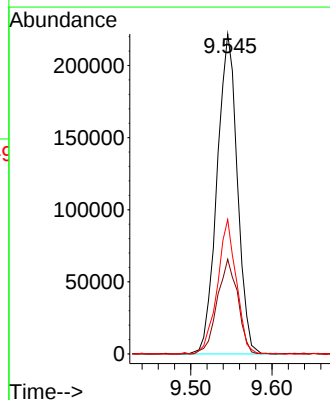
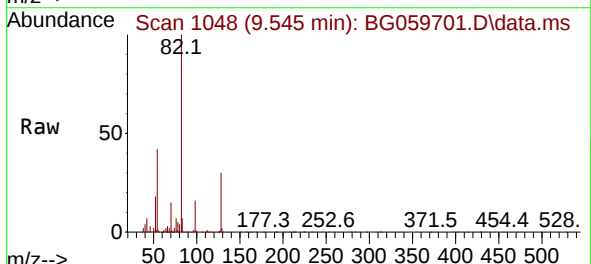
Instrument :
BNA_G
ClientSampleId :
TP-6

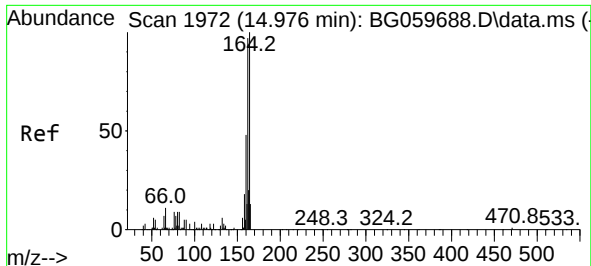
Tgt Ion:136 Resp: 146427
Ion Ratio Lower Upper
136 100
137 7.5 7.7 11.5#
54 4.3 4.2 6.2
68 2.5 1.4 2.0#



#23
Nitrobenzene-d5
Concen: 113.208 ng
RT: 9.545 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

Tgt Ion: 82 Resp: 385600
Ion Ratio Lower Upper
82 100
128 29.6 26.3 39.5
54 42.0 26.6 39.8#

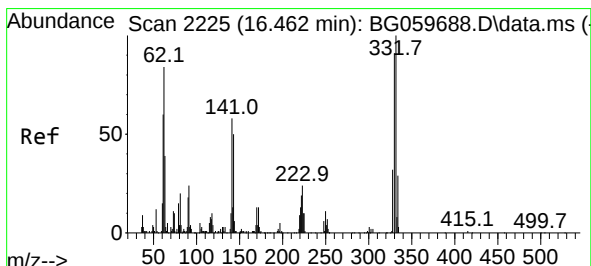
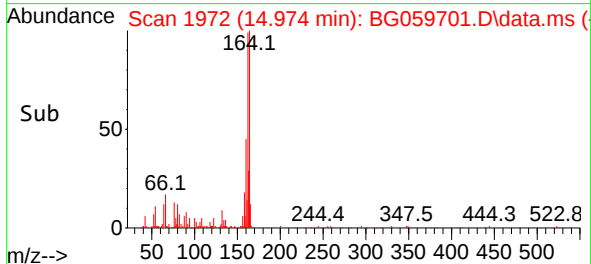
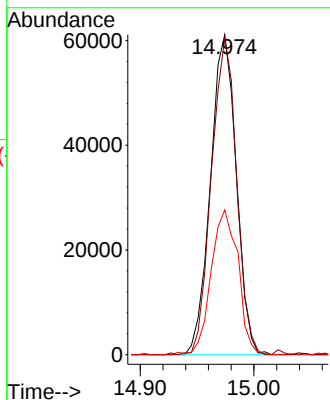
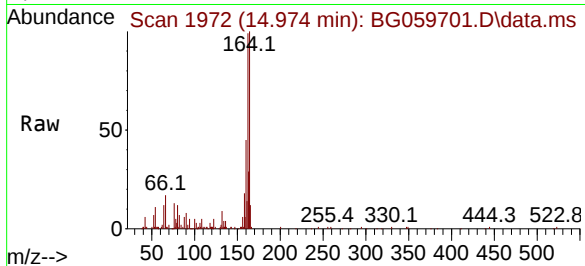




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

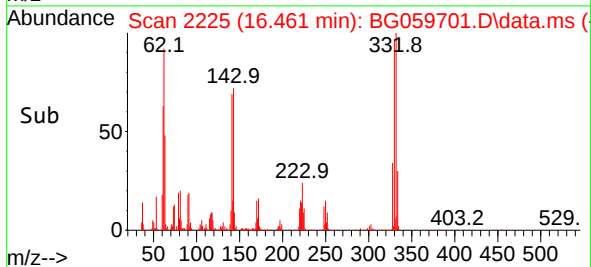
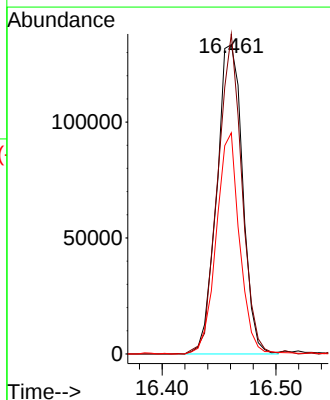
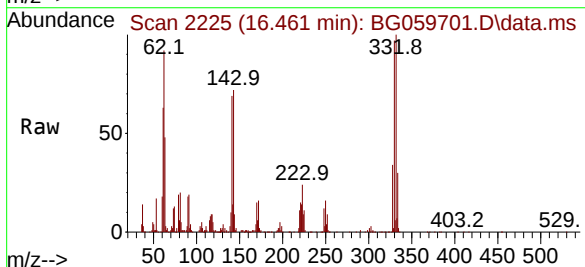
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ClientSampleId :
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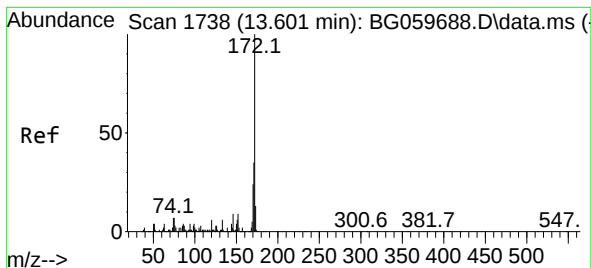
Tgt Ion:164 Resp: 96292
Ion Ratio Lower Upper
164 100
162 99.1 77.8 116.6
160 45.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 194.409 ng
RT: 16.461 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

Tgt Ion:330 Resp: 211266
Ion Ratio Lower Upper
330 100
332 95.9 80.7 121.1
141 64.3 51.0 76.6





#45

2-Fluorobiphenyl

Concen: 110.103 ng

RT: 13.599 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059701.D

Acq: 15 Nov 2023 15:44

Instrument :

BNA_G

ClientSampleId :

TP-6

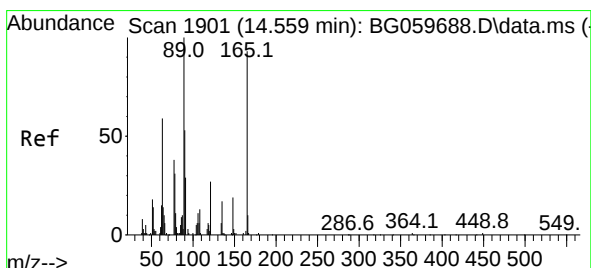
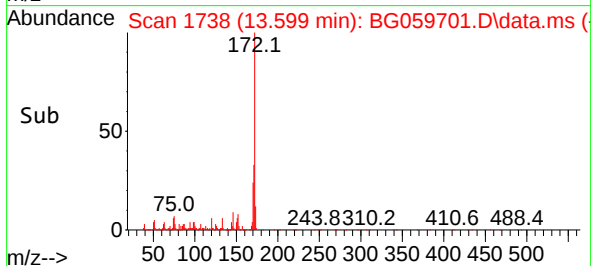
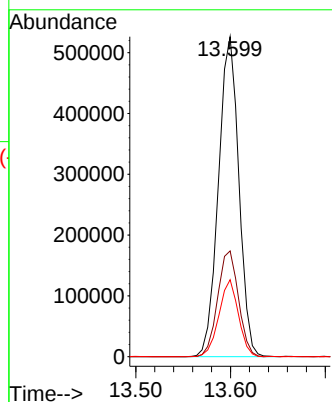
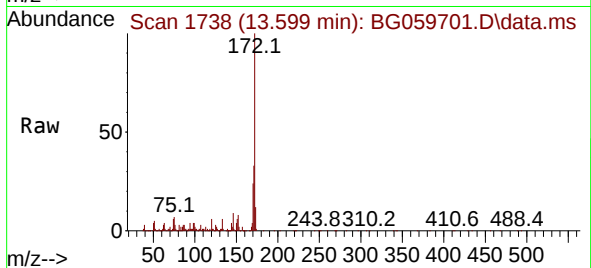
Tgt Ion:172 Resp: 786373

Ion Ratio Lower Upper

172 100

171 33.0 27.9 41.9

170 24.1 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 8.610 ng

RT: 14.968 min Scan# 1971

Delta R.T. 0.410 min

Lab File: BG059701.D

Acq: 15 Nov 2023 15:44

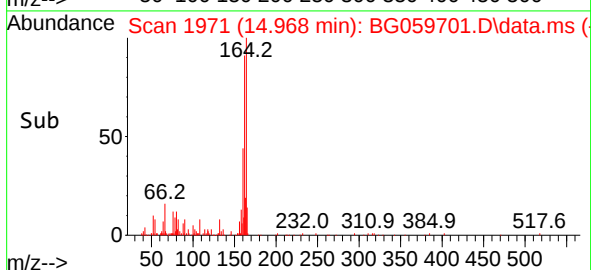
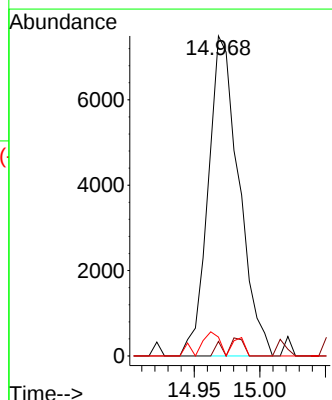
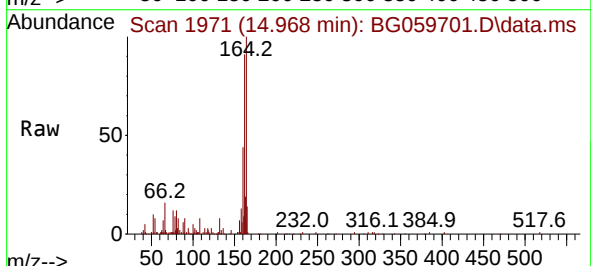
Tgt Ion:165 Resp: 12188

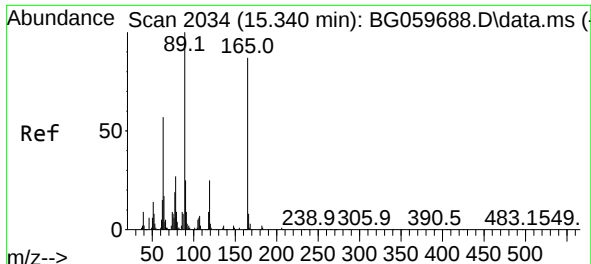
Ion Ratio Lower Upper

165 100

63 4.6 73.6 110.4#

89 5.9 87.0 130.6#

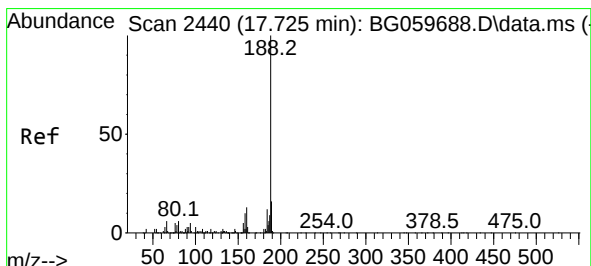
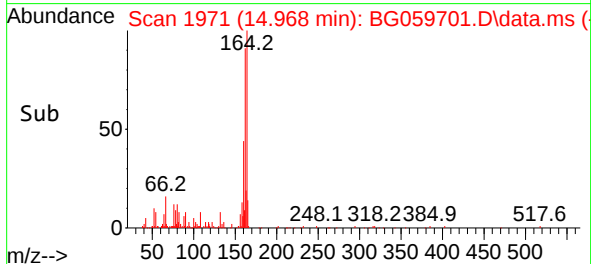
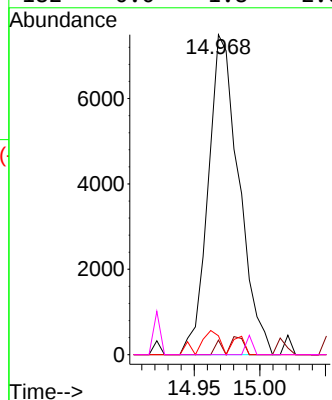
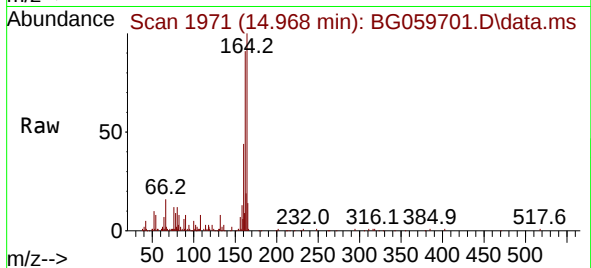




#57
2,4-Dinitrotoluene
Concen: 5.856 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.372 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

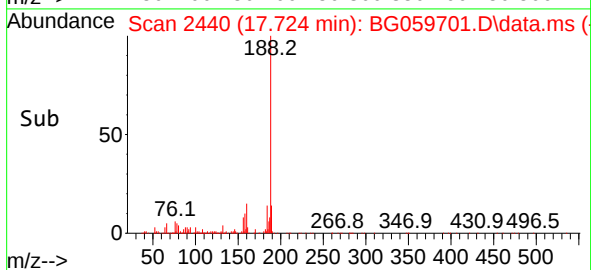
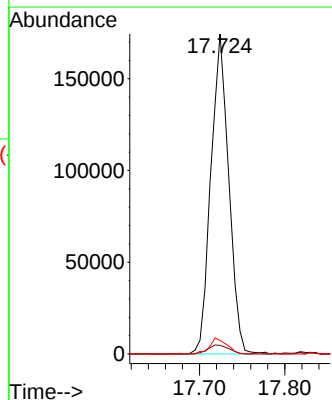
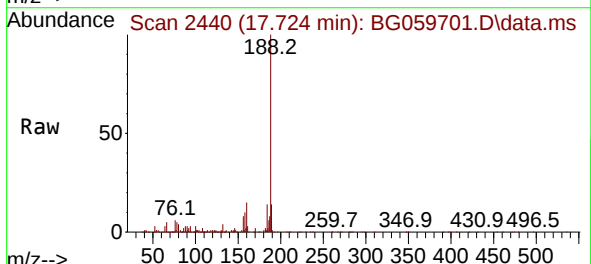
Instrument :
BNA_G
ClientSampleId :
TP-6

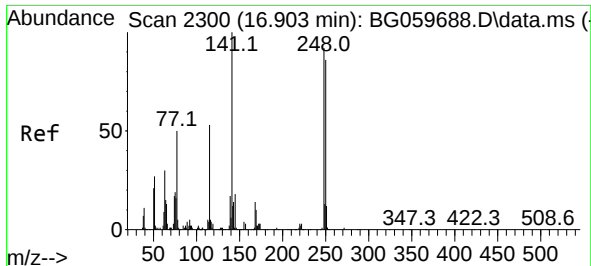
Tgt Ion:165 Resp: 12188
Ion Ratio Lower Upper
165 100
63 4.6 52.2 78.2#
89 5.9 91.8 137.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.724 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

Tgt Ion:188 Resp: 254445
Ion Ratio Lower Upper
188 100
94 2.7 3.9 5.9#
80 4.3 4.5 6.7#

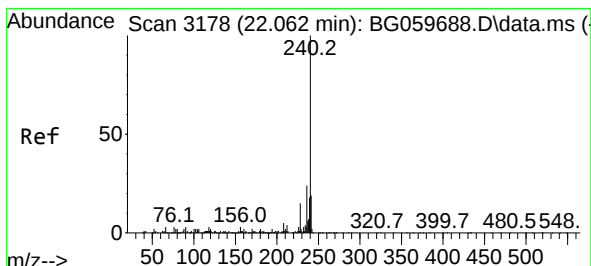
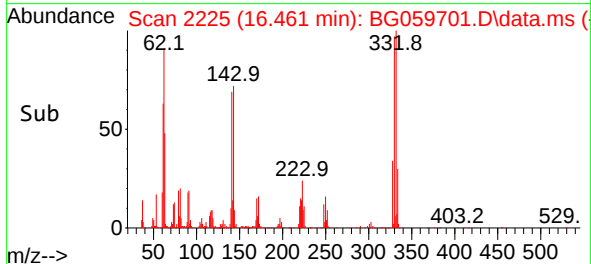
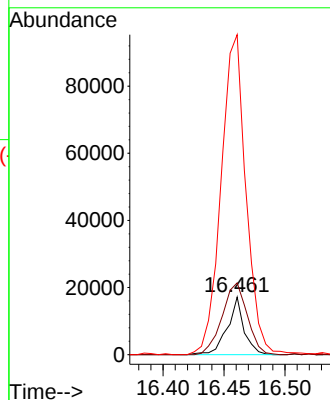
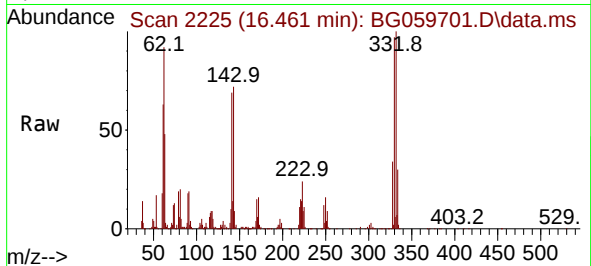




#67
4-Bromophenyl-phenylether
Concen: 6.096 ng
RT: 16.461 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

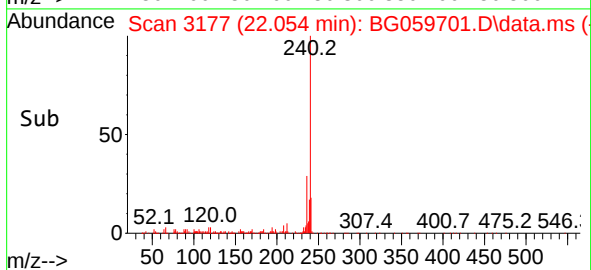
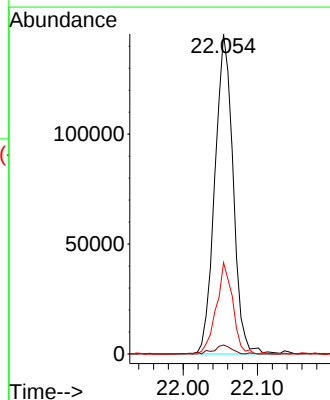
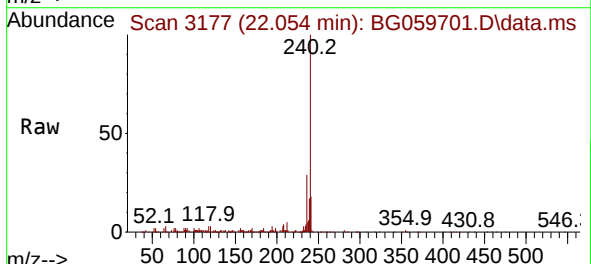
Instrument :
BNA_G
ClientSampleId :
TP-6

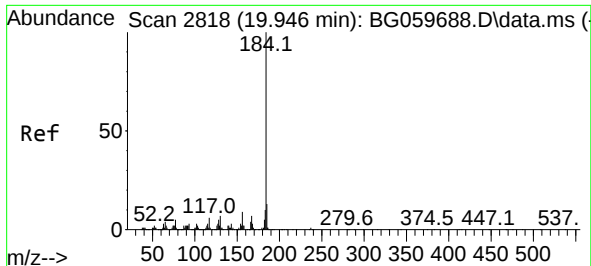
Tgt Ion:248 Resp: 16317
Ion Ratio Lower Upper
248 100
250 124.8 74.5 111.7#
141 555.3 86.6 129.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.054 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

Tgt Ion:240 Resp: 248272
Ion Ratio Lower Upper
240 100
120 2.8 2.6 3.8
236 28.5 19.4 29.0

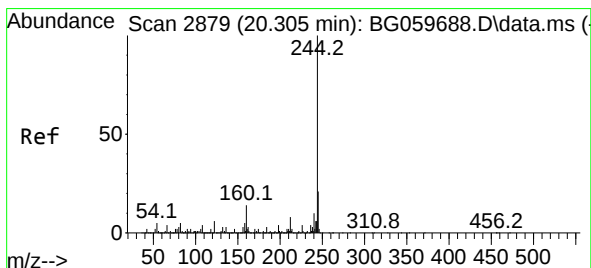
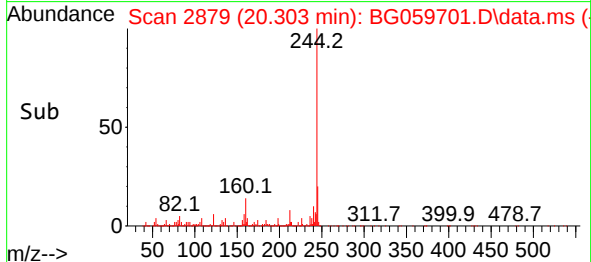
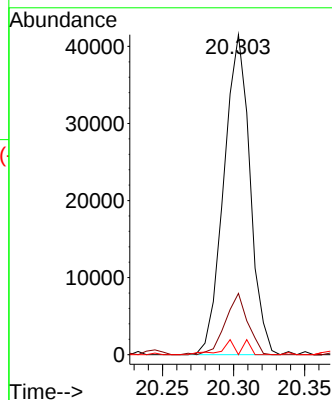
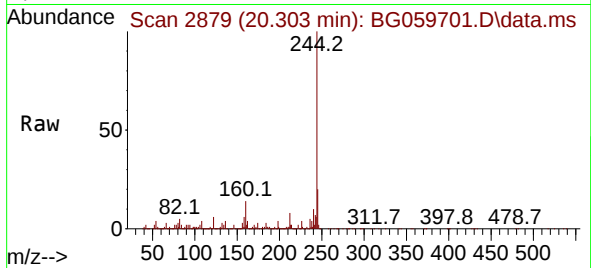




#77
Benzidine
Concen: 12.633 ng
RT: 20.303 min Scan# 2879
Delta R.T. 0.357 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

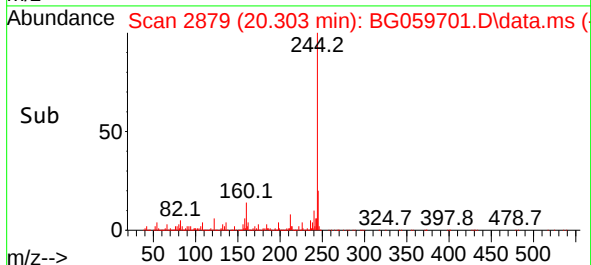
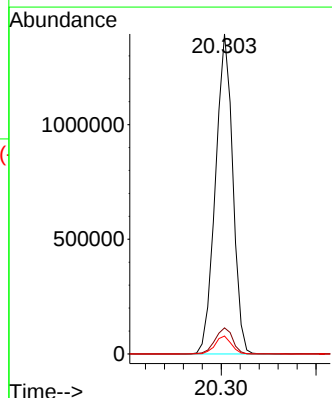
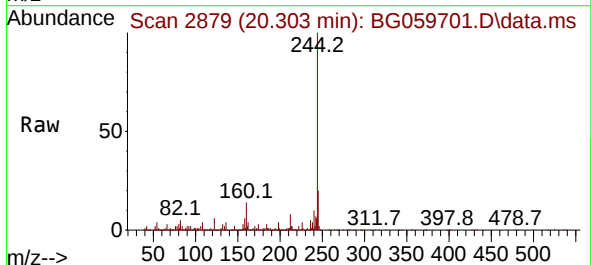
Instrument :
BNA_G
ClientSampleId :
TP-6

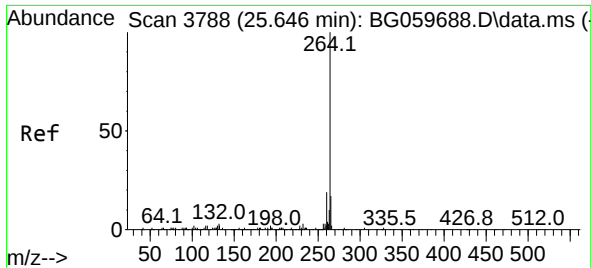
Tgt Ion:184 Resp: 52997
Ion Ratio Lower Upper
184 100
185 19.1 10.7 16.1#
183 0.0 7.8 11.6#



#79
Terphenyl-d14
Concen: 147.003 ng
RT: 20.303 min Scan# 2879
Delta R.T. -0.002 min
Lab File: BG059701.D
Acq: 15 Nov 2023 15:44

Tgt Ion:244 Resp: 1768927
Ion Ratio Lower Upper
244 100
212 8.1 6.6 9.8
122 5.6 4.6 6.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.644 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG059701.D
 Acq: 15 Nov 2023 15:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:264 Resp: 278260
 Ion Ratio Lower Upper
 264 100
 260 17.1 15.6 23.4
 265 23.0 13.4 20.2#

