

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
 Data File : BG059693.D
 Acq On : 14 Nov 2023 22:45
 Operator : MA/JU
 Sample : PB157131BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

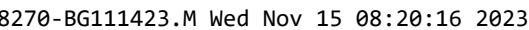
Quant Time: Nov 15 08:17:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

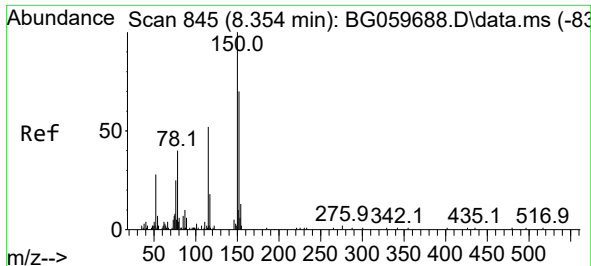
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	30368	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	126393	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	87094	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	210913	20.000	ng	0.00
76) Chrysene-d12	22.055	240	197002	20.000	ng	# 0.00
86) Perylene-d12	25.651	264	333968	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	274462	156.031	ng	0.00
7) Phenol-d6	7.466	99	386587	145.427	ng	0.00
23) Nitrobenzene-d5	9.546	82	318287	108.257	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	170712	173.681	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	662835	102.607	ng	0.00
79) Terphenyl-d14	20.304	244	1447060	151.551	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.682	88	150	Below Cal	#	1
3) Pyridine	4.088	79	131	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	9.546	70	48381	23.626	ng	# 77
51) 2,6-Dinitrotoluene	14.975	165	12535	9.790	ng	# 5
57) 2,4-Dinitrotoluene	14.975	165	12535	6.659	ng	# 9
67) 4-Bromophenyl-phenylether	16.461	248	12232	5.513	ng	# 1
77) Benzidine	20.304	184	40538	12.178	ng	# 93
78) Pyrene	20.116	202	1599	Below Cal	#	58

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

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QLast Update : Wed Nov 15 08:14:53 2023
Response via : Initial Calibration

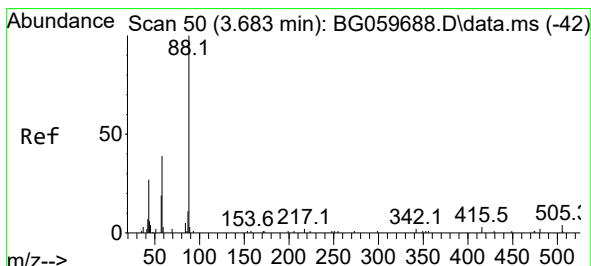
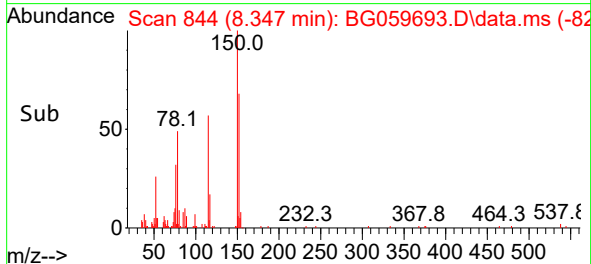
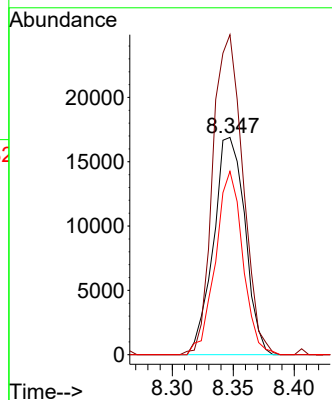
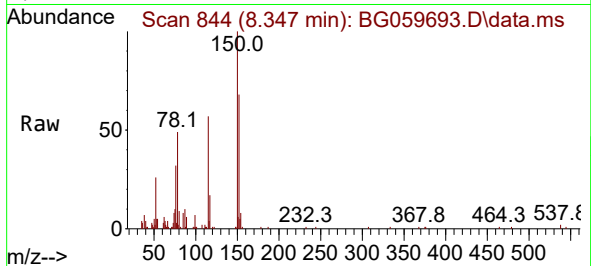




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.347 min Scan# 84
 Delta R.T. -0.007 min
 Lab File: BG059693.D
 Acq: 14 Nov 2023 22:45

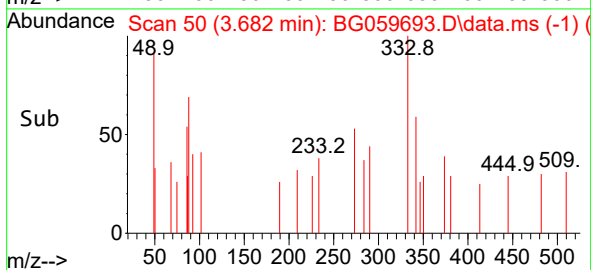
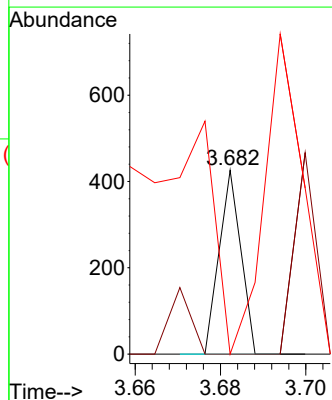
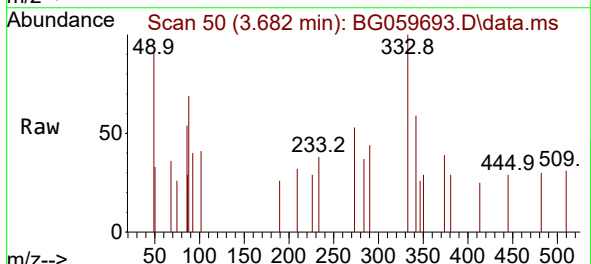
Instrument :
 BNA_G
 ClientSampleId :

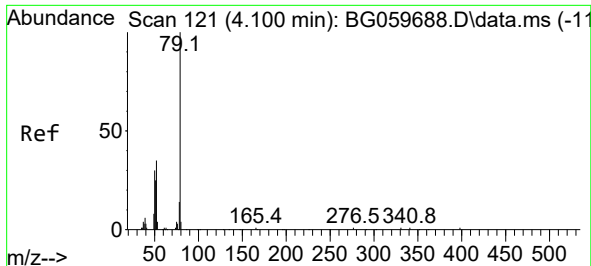
Tgt Ion:152 Resp: 30368
 Ion Ratio Lower Upper
 152 100
 150 147.3 113.9 170.9
 115 84.4 59.4 89.2



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.682 min Scan# 50
 Delta R.T. -0.001 min
 Lab File: BG059693.D
 Acq: 14 Nov 2023 22:45

Tgt Ion: 88 Resp: 150
 Ion Ratio Lower Upper
 88 100
 58 110.0 30.5 45.7#
 43 304.0 17.7 26.5#

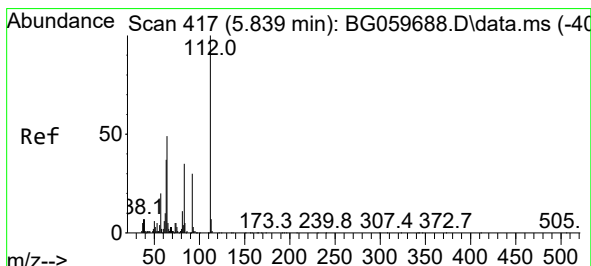
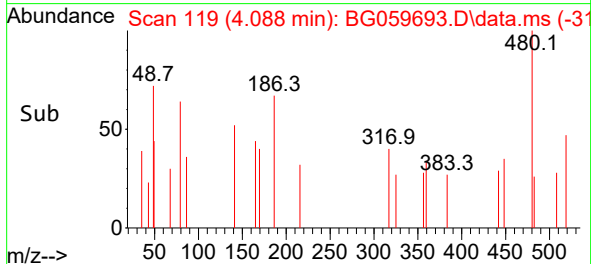
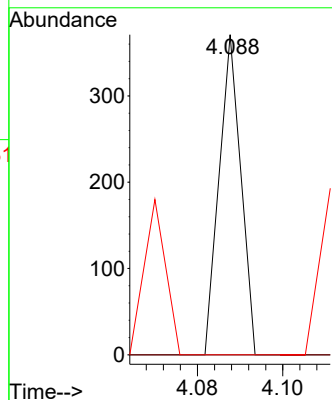
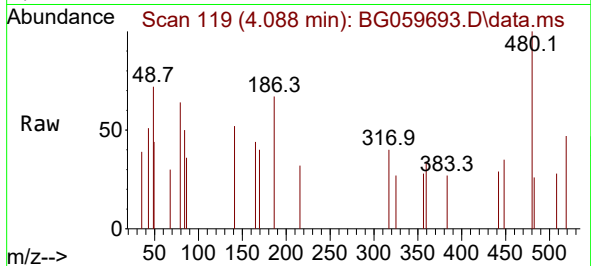




#3
Pyridine
Concen: Below Cal
RT: 4.088 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

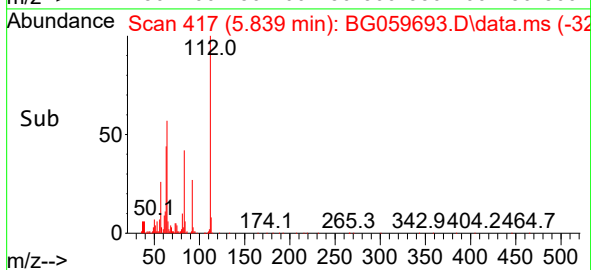
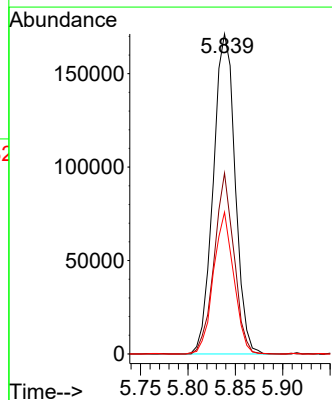
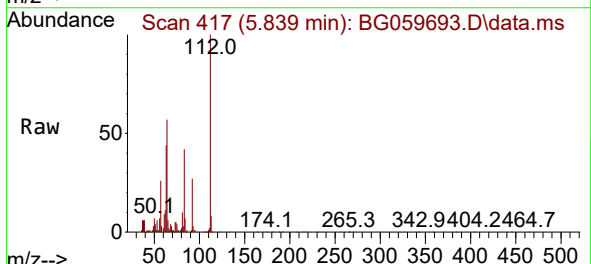
Instrument :
BNA_G
ClientSampleId :

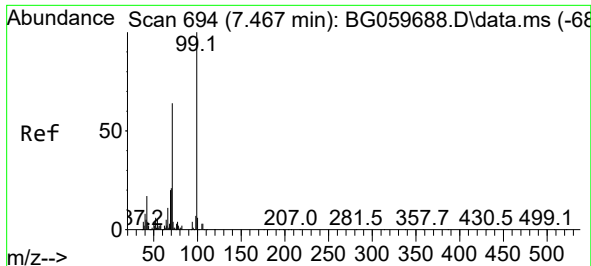
Tgt Ion: 79 Resp: 131
Ion Ratio Lower Upper
79 100
52 0.0 27.8 41.8#
51 0.0 20.2 30.2#



#5
2-Fluorophenol
Concen: 156.031 ng
RT: 5.839 min Scan# 417
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

Tgt Ion: 112 Resp: 274462
Ion Ratio Lower Upper
112 100
64 56.5 39.0 58.6
63 44.3 29.8 44.6

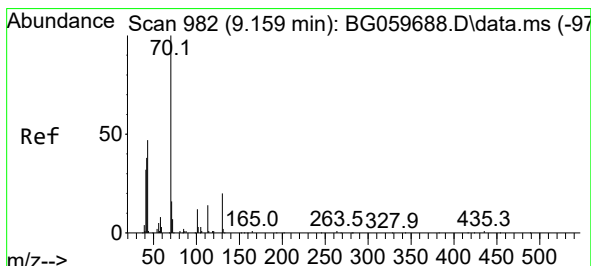
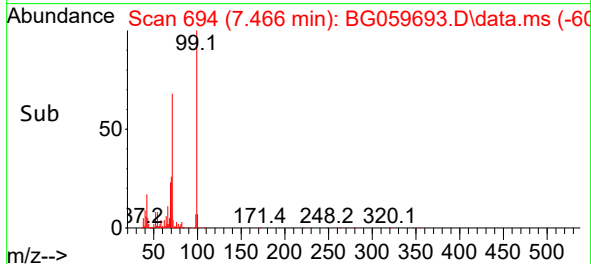
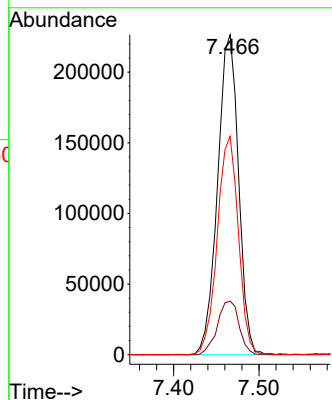
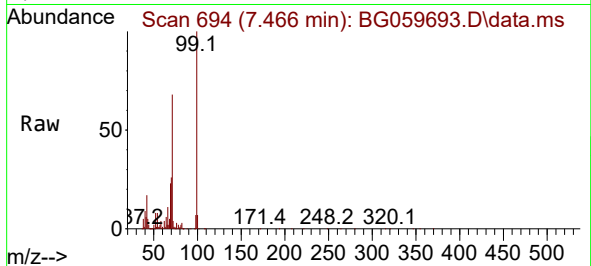




#7
Phenol-d6
Concen: 145.427 ng
RT: 7.466 min Scan# 694
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

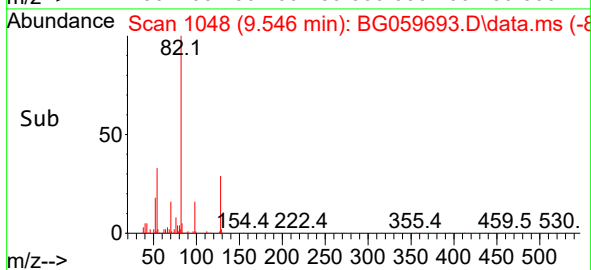
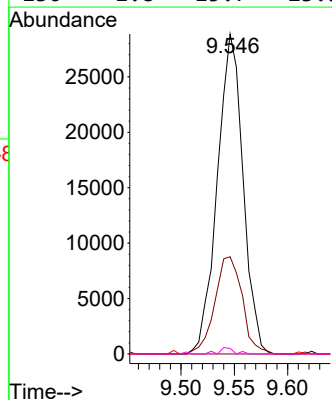
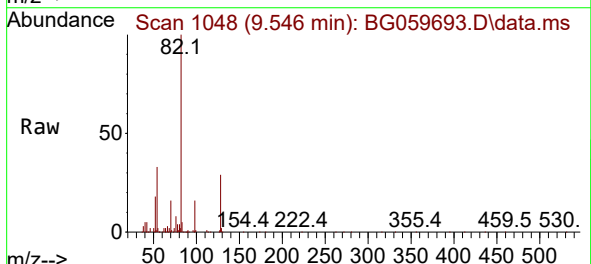
Instrument :
BNA_G
ClientSampleId :

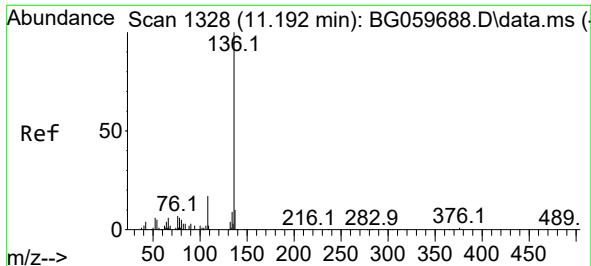
Tgt Ion: 99 Resp: 386587
Ion Ratio Lower Upper
99 100
42 16.8 13.2 19.8
71 68.2 51.3 76.9



#19
n-Nitroso-di-n-propylamine
Concen: 23.626 ng
RT: 9.546 min Scan# 1048
Delta R.T. 0.387 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

Tgt Ion: 70 Resp: 48381
Ion Ratio Lower Upper
70 100
42 30.4 30.8 46.2#
101 0.0 9.4 14.2#
130 1.8 15.7 23.5#

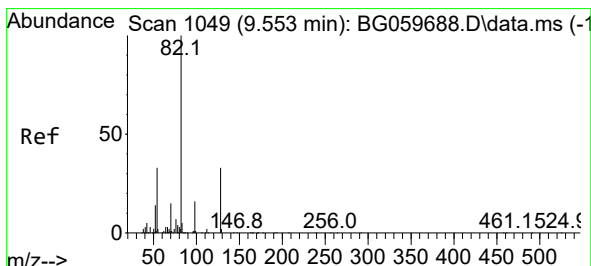
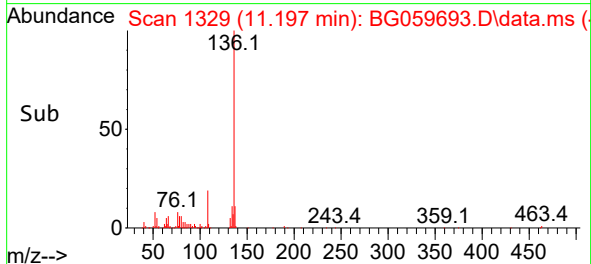
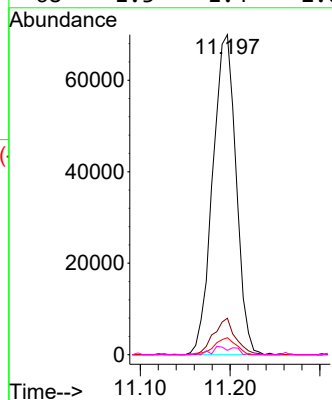
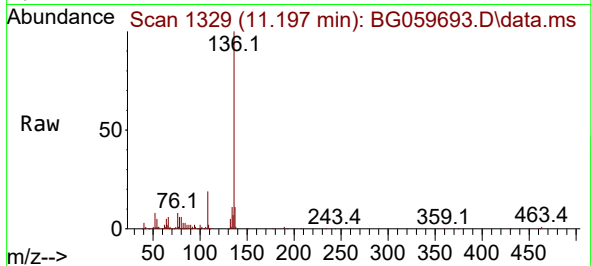




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.197 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

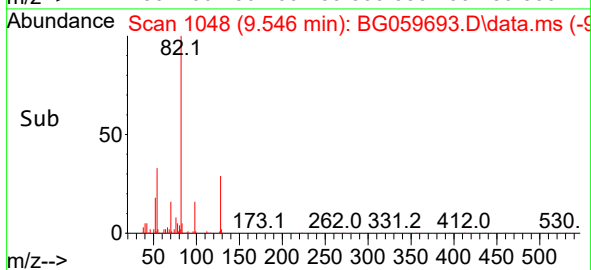
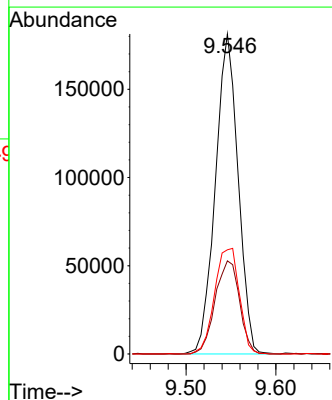
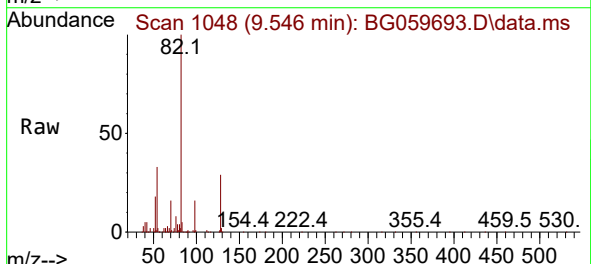
Instrument :
BNA_G
ClientSampleId :

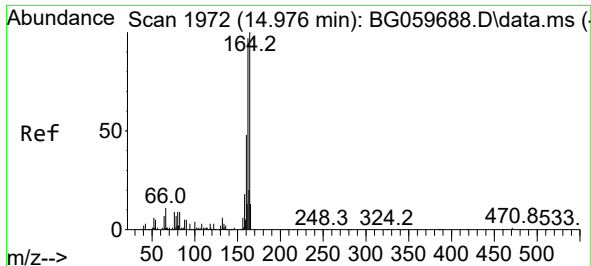
Tgt Ion:136 Resp: 126393
Ion Ratio Lower Upper
136 100
137 11.4 7.7 11.5
54 5.3 4.2 6.2
68 1.3 1.4 2.0#



#23
Nitrobenzene-d5
Concen: 108.257 ng
RT: 9.546 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

Tgt Ion: 82 Resp: 318287
Ion Ratio Lower Upper
82 100
128 29.1 26.3 39.5
54 32.5 26.6 39.8

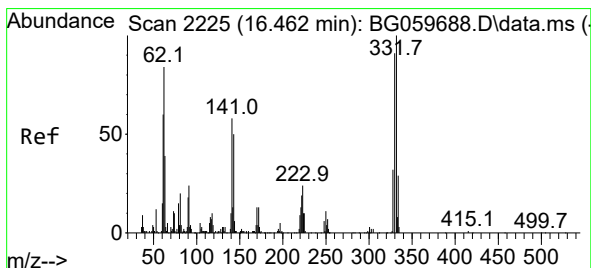
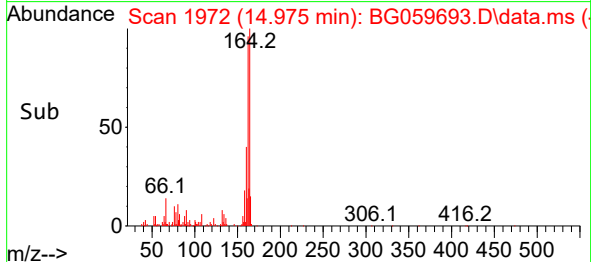
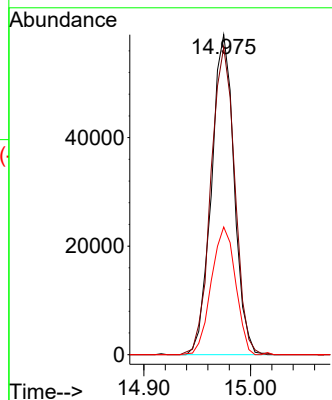
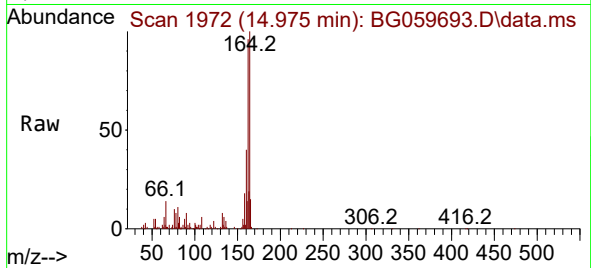




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

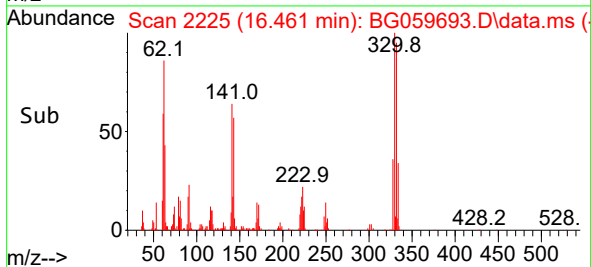
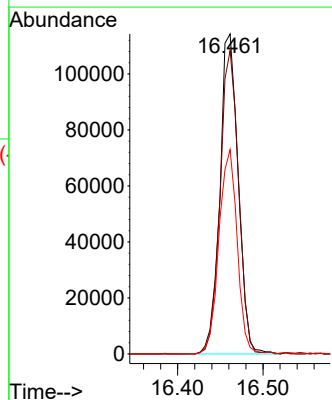
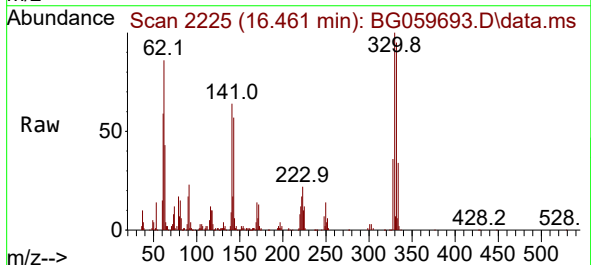
Instrument :
BNA_G
ClientSampleId :

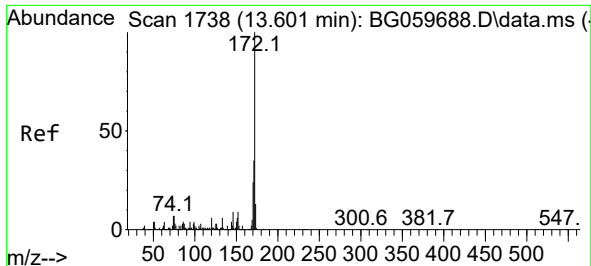
Tgt Ion:164 Resp: 87094
Ion Ratio Lower Upper
164 100
162 96.1 77.8 116.6
160 39.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 173.681 ng
RT: 16.461 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

Tgt Ion:330 Resp: 170712
Ion Ratio Lower Upper
330 100
332 95.4 80.7 121.1
141 63.8 51.0 76.6

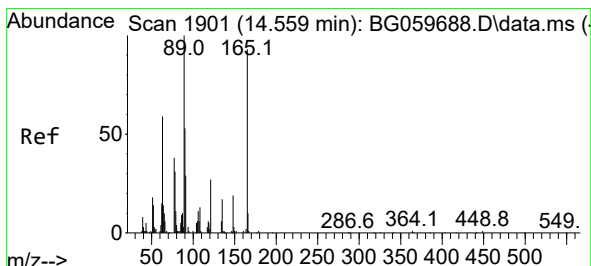
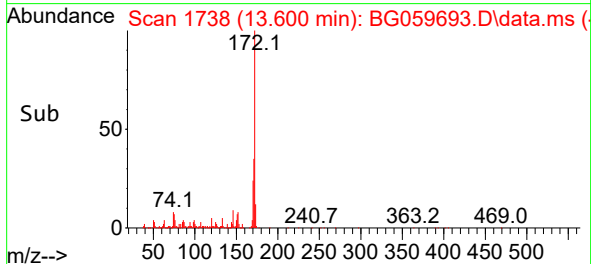
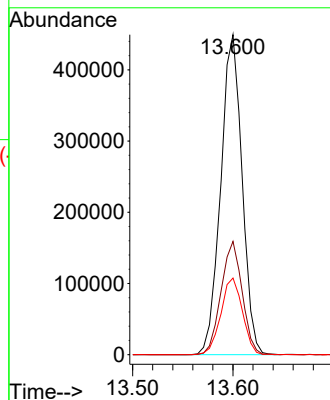
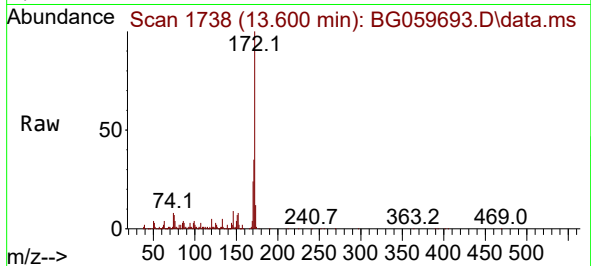




#45
2-Fluorobiphenyl
Concen: 102.607 ng
RT: 13.600 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

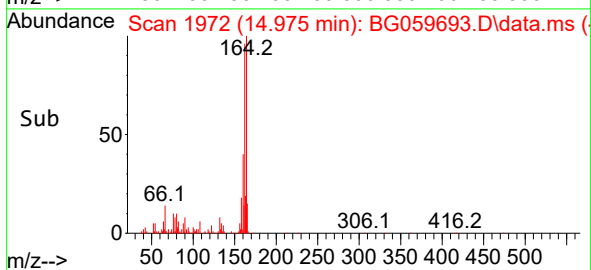
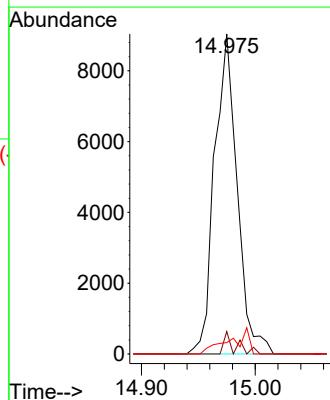
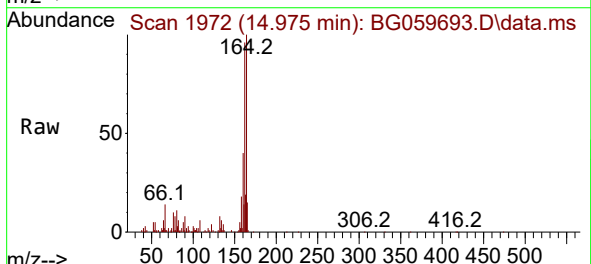
Instrument :
BNA_G
ClientSampleId :

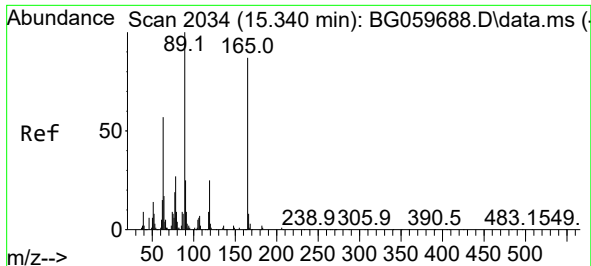
Tgt Ion:172 Resp: 662835
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 24.0 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 9.790 ng
RT: 14.975 min Scan# 1972
Delta R.T. 0.416 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

Tgt Ion:165 Resp: 12535
Ion Ratio Lower Upper
165 100
63 7.0 73.6 110.4#
89 3.6 87.0 130.6#





#57

2,4-Dinitrotoluene

Concen: 6.659 ng

RT: 14.975 min Scan# 1972

Delta R.T. -0.365 min

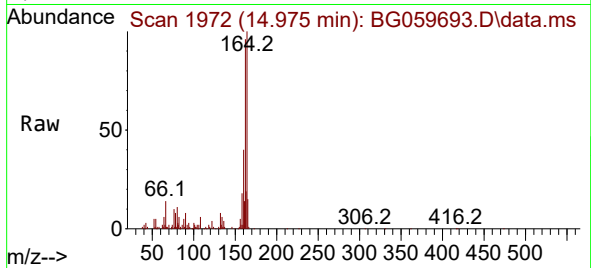
Lab File: BG059693.D

Acq: 14 Nov 2023 22:45

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 12535

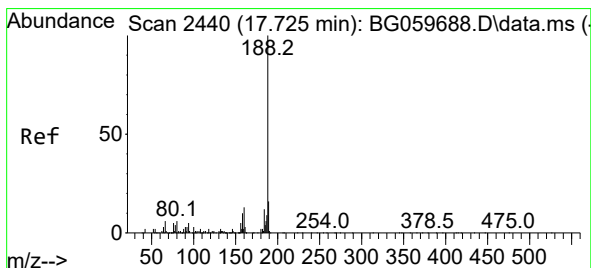
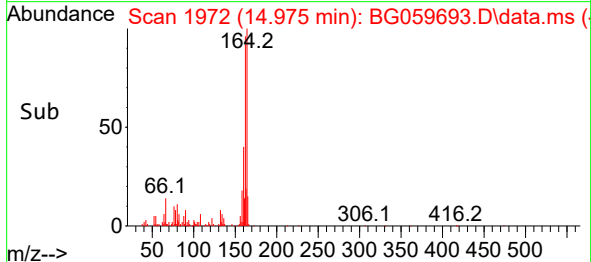
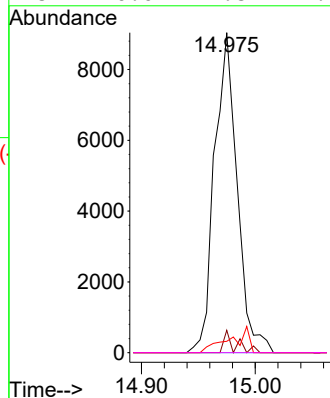
Ion Ratio Lower Upper

165 100

63 7.0 52.2 78.2#

89 3.6 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: BG059693.D

Acq: 14 Nov 2023 22:45

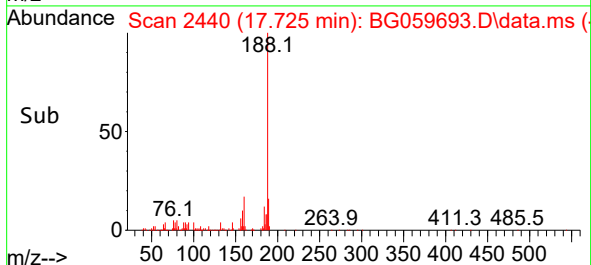
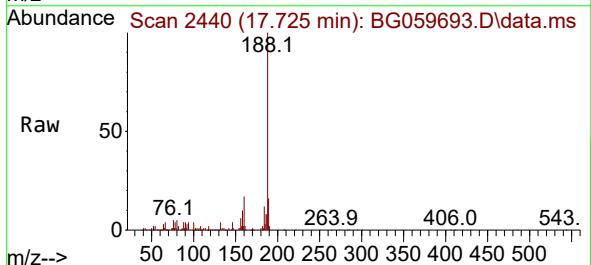
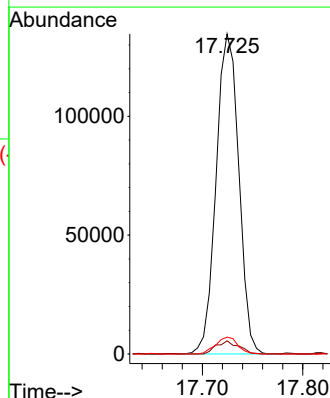
Tgt Ion:188 Resp: 210913

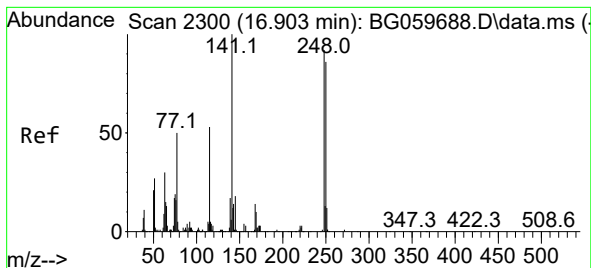
Ion Ratio Lower Upper

188 100

94 4.1 3.9 5.9

80 5.3 4.5 6.7

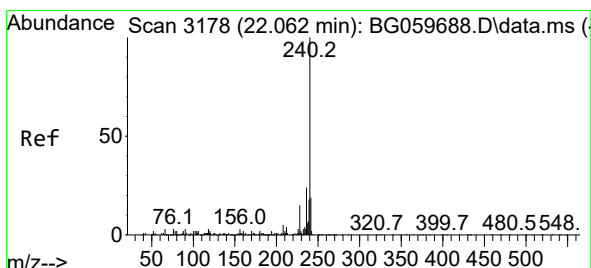
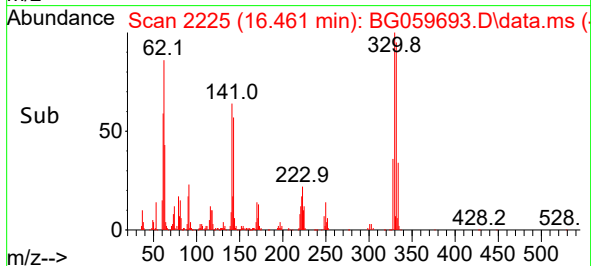
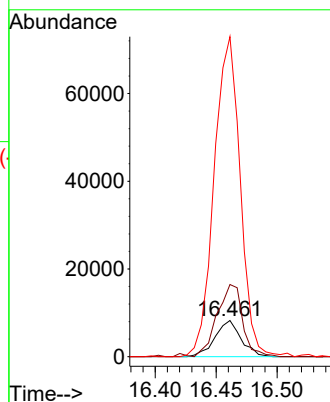
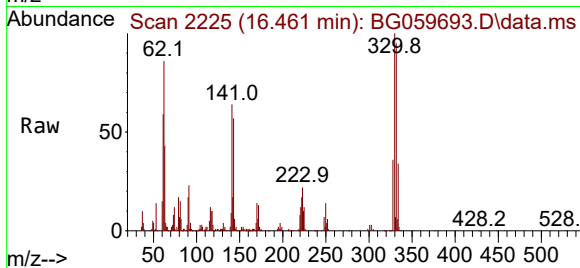




#67
4-Bromophenyl-phenylether
Concen: 5.513 ng
RT: 16.461 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

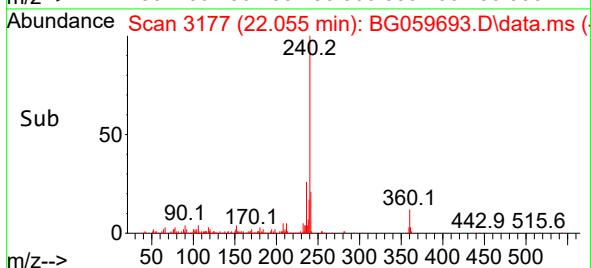
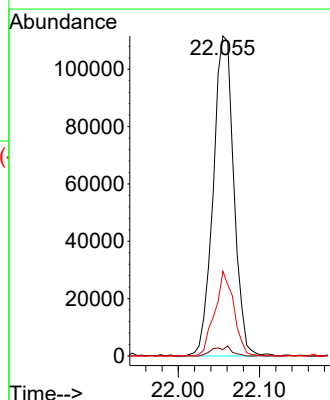
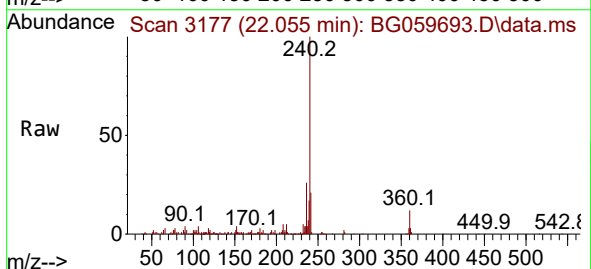
Instrument :
BNA_G
ClientSampleId :

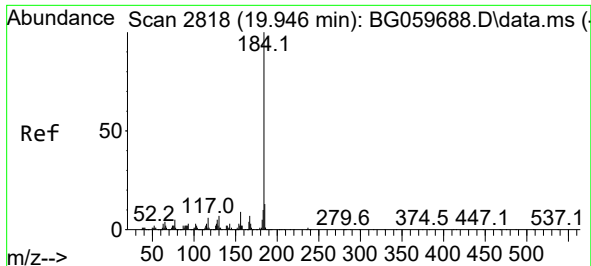
Tgt Ion:248 Resp: 12232
Ion Ratio Lower Upper
248 100
250 199.4 74.5 111.7#
141 885.1 86.6 129.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.055 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

Tgt Ion:240 Resp: 197002
Ion Ratio Lower Upper
240 100
120 2.0 2.6 3.8#
236 26.4 19.4 29.0

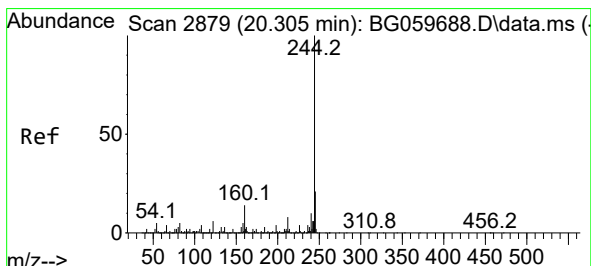
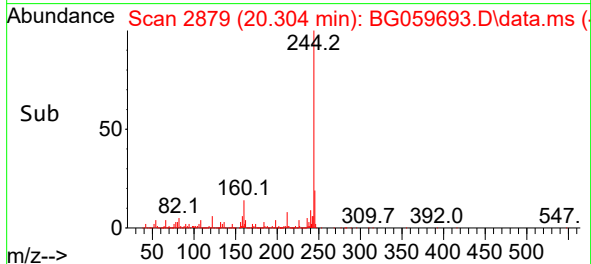
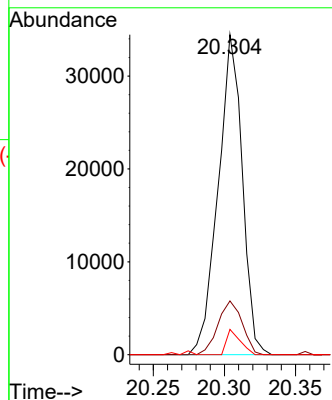
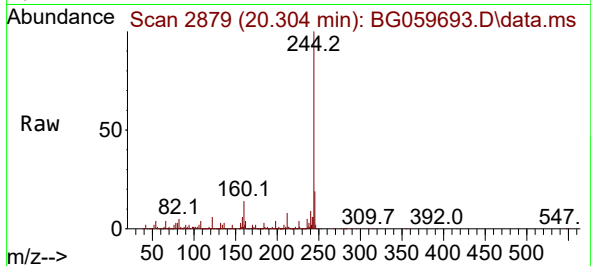




#77
Benzidine
Concen: 12.178 ng
RT: 20.304 min Scan# 2818
Delta R.T. 0.358 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

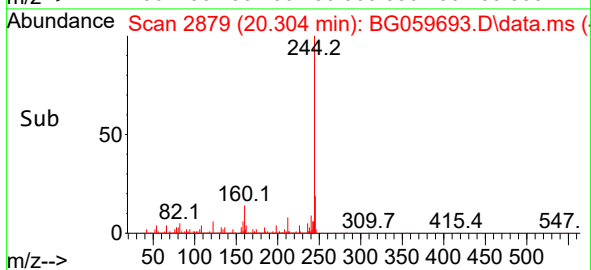
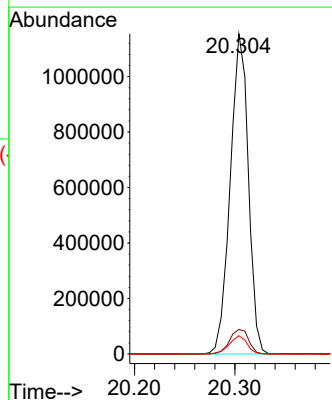
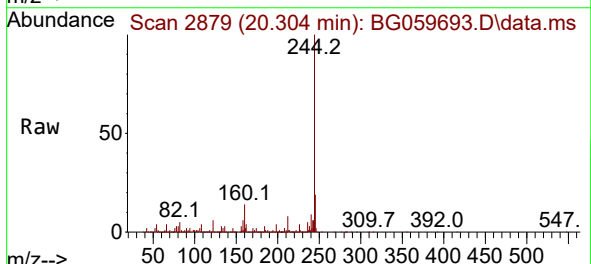
Instrument :
BNA_G
ClientSampleId :

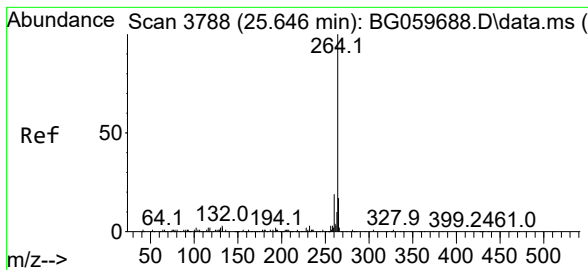
Tgt Ion:184 Resp: 40538
Ion Ratio Lower Upper
184 100
185 16.8 10.7 16.1#
183 7.9 7.8 11.6



#79
Terphenyl-d14
Concen: 151.551 ng
RT: 20.304 min Scan# 2879
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

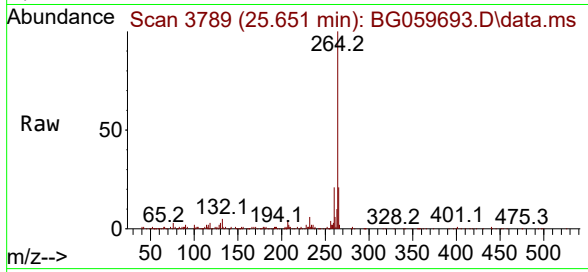
Tgt Ion:244 Resp: 1447060
Ion Ratio Lower Upper
244 100
212 7.7 6.6 9.8
122 5.7 4.6 6.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.651 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BG059693.D
 Acq: 14 Nov 2023 22:45

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion: 264 Resp: 333968

Ion	Ratio	Lower	Upper
264	100		
260	21.3	15.6	23.4
265	21.0	13.4	20.2

