

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059700.D
 Acq On : 15 Nov 2023 15:03
 Operator : MA/JU
 Sample : 05311-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Nov 15 15:40:08 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)

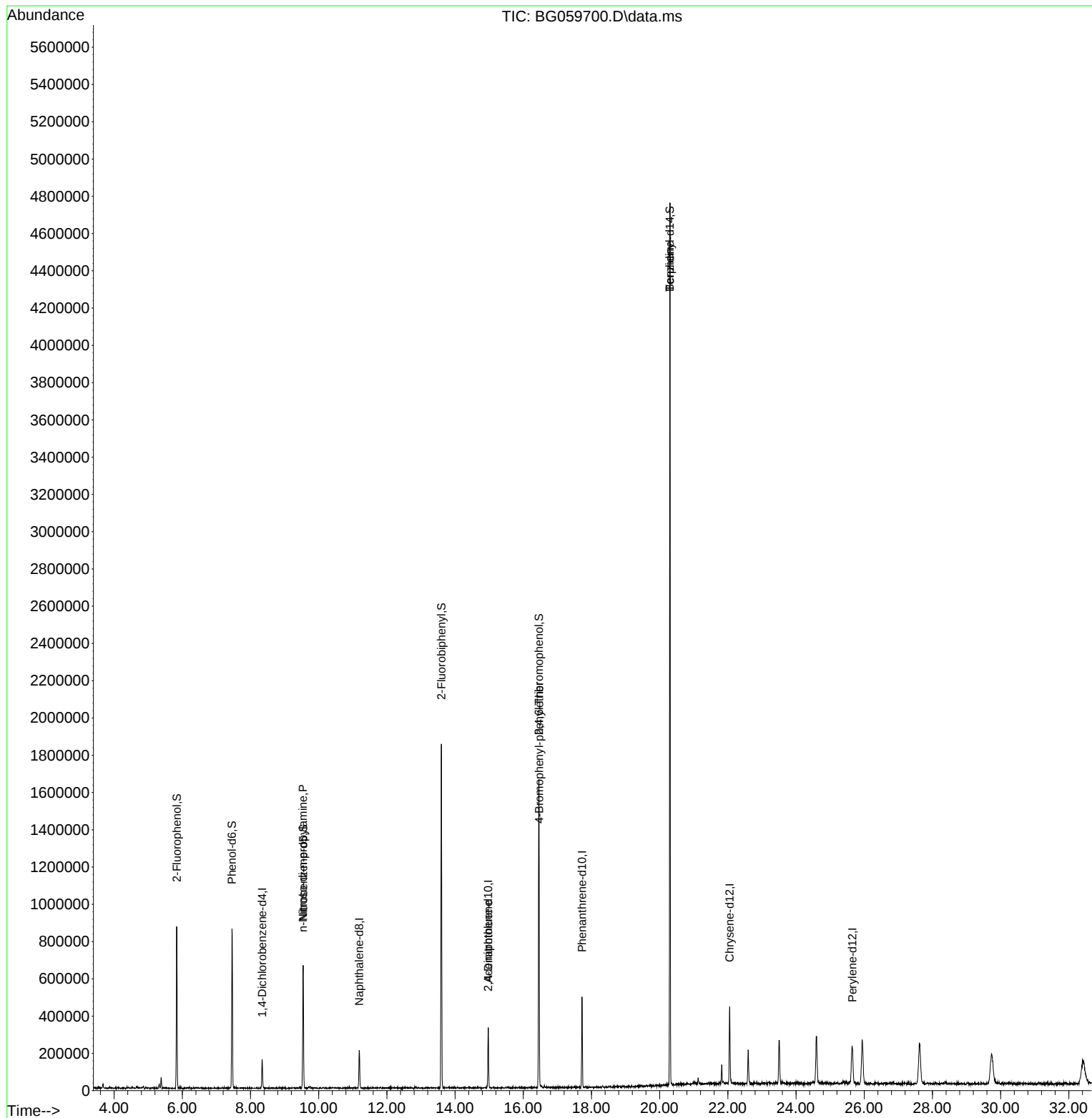
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	33920	20.000	ng	# 0.00
21) Naphthalene-d8	11.191	136	148010	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	105595	20.000	ng	0.00
64) Phenanthrene-d10	17.724	188	264608	20.000	ng	0.00
76) Chrysene-d12	22.054	240	239691	20.000	ng	# 0.00
86) Perylene-d12	25.650	264	268461	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	315441	160.549	ng	0.00
7) Phenol-d6	7.460	99	400868	135.008	ng	0.00
23) Nitrobenzene-d5	9.545	82	390625	113.457	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	230029	193.026	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	819599	104.645	ng	0.00
79) Terphenyl-d14	20.303	244	1873601	161.276	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.705	88	257	Below Cal	#	43
3) Pyridine	4.105	79	289	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	9.540	70	64007	27.983	ng	# 84
57) 2,4-Dinitrotoluene	14.968	165	13153	5.763	ng	# 4
67) 4-Bromophenyl-phenylether	16.467	248	15904	5.713	ng	# 1
77) Benzidine	20.303	184	56723	14.005	ng	# 90
78) Pyrene	20.109	202	1010	Below Cal	#	33

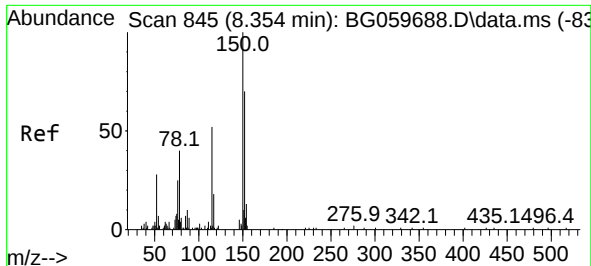
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
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Quant Time: Nov 15 15:40:08 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

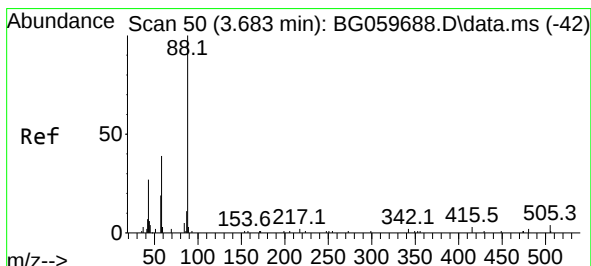
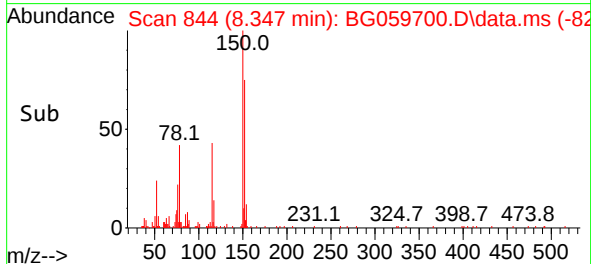
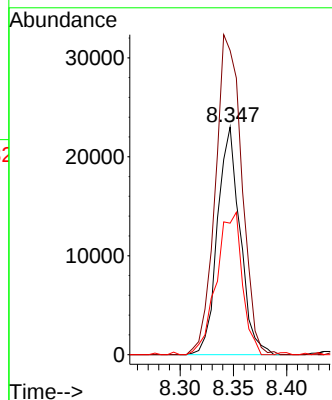
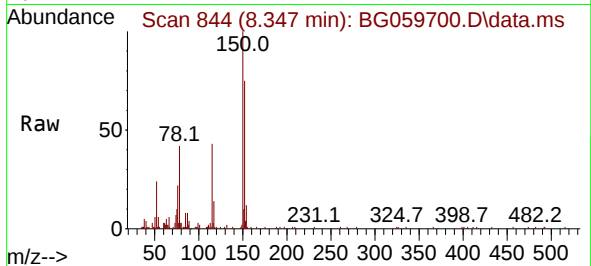




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

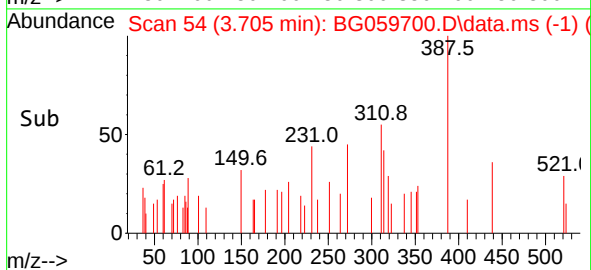
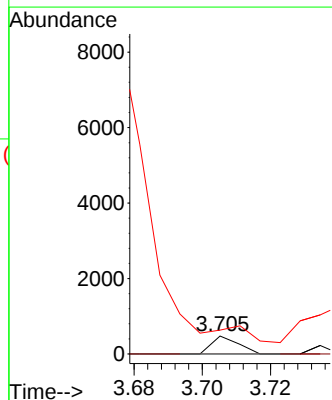
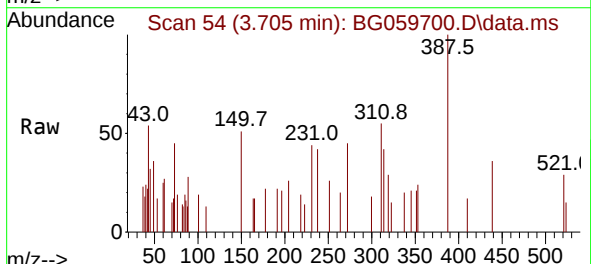
Instrument :
BNA_G
ClientSampleId :
TP-5

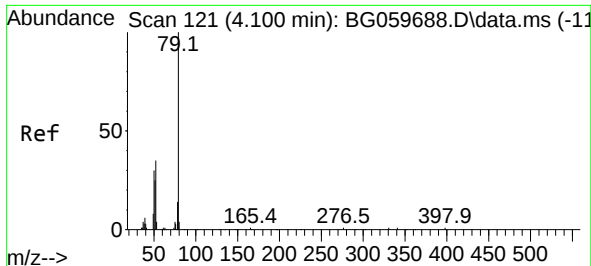
Tgt Ion:152 Resp: 33920
Ion Ratio Lower Upper
152 100
150 133.6 113.9 170.9
115 57.8 59.4 89.2#



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.705 min Scan# 54
Delta R.T. 0.022 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion: 88 Resp: 257
Ion Ratio Lower Upper
88 100
58 0.0 30.5 45.7#
43 0.0 17.7 26.5#





#3

Pyridine

Concen: Below Cal

RT: 4.105 min Scan# 11

Delta R.T. 0.005 min

Lab File: BG059700.D

Acq: 15 Nov 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-5

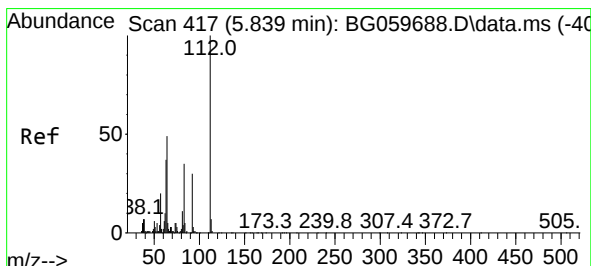
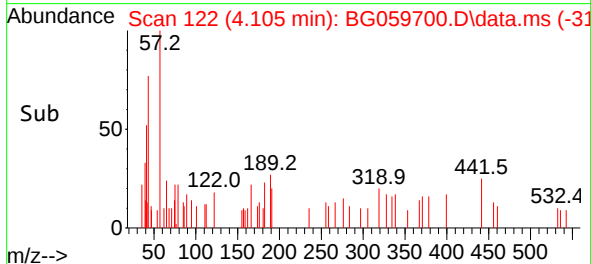
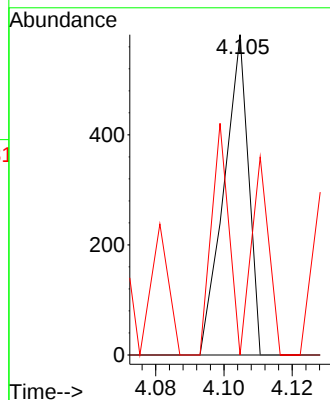
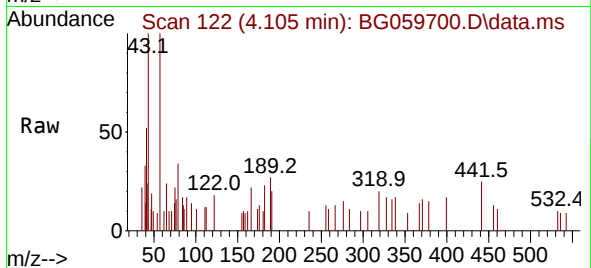
Tgt Ion: 79 Resp: 289

Ion Ratio Lower Upper

79 100

52 0.0 27.8 41.8#

51 0.0 20.2 30.2#



#5

2-Fluorophenol

Concen: 160.549 ng

RT: 5.838 min Scan# 417

Delta R.T. -0.001 min

Lab File: BG059700.D

Acq: 15 Nov 2023 15:03

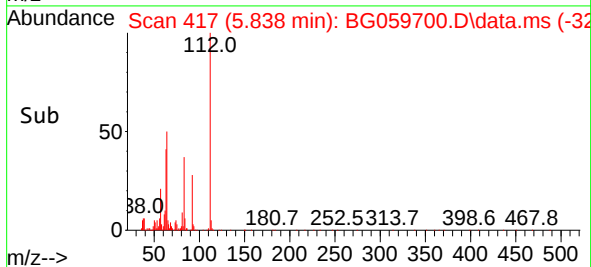
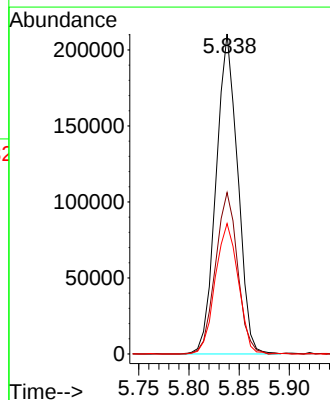
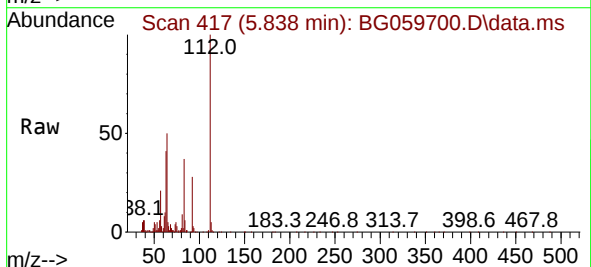
Tgt Ion: 112 Resp: 315441

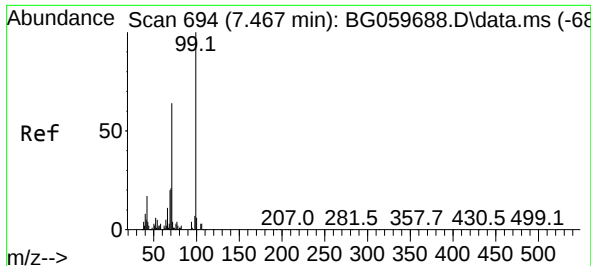
Ion Ratio Lower Upper

112 100

64 50.4 39.0 58.6

63 40.8 29.8 44.6

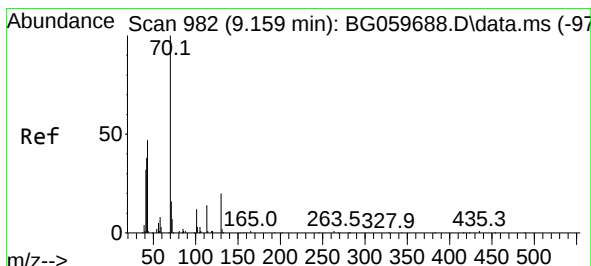
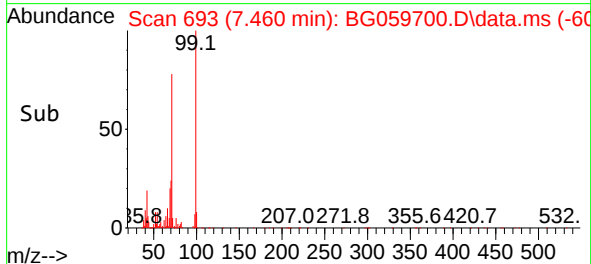
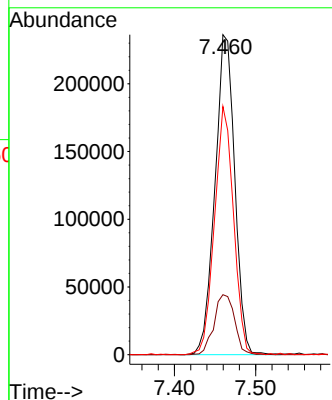
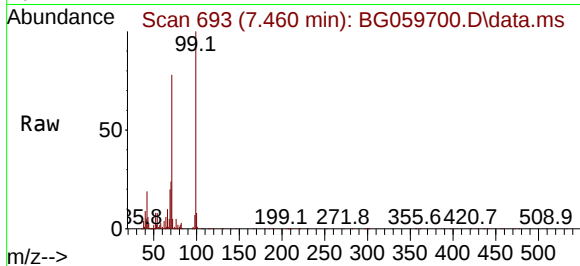




#7
Phenol-d6
Concen: 135.008 ng
RT: 7.460 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

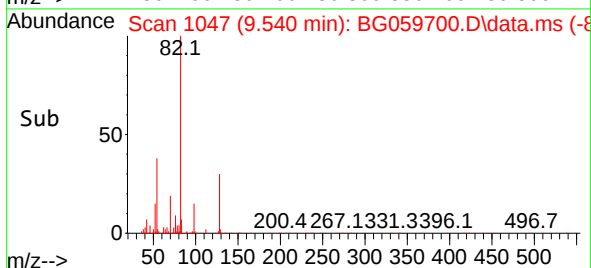
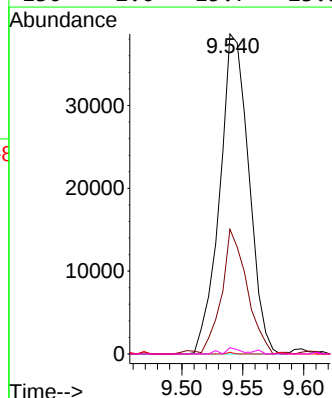
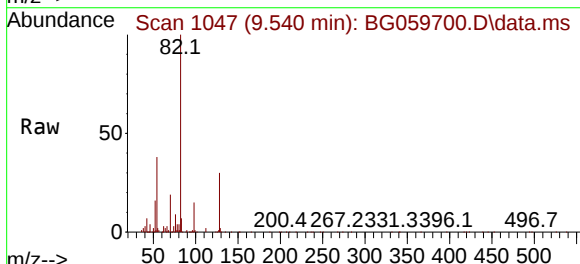
Instrument :
BNA_G
ClientSampleId :
TP-5

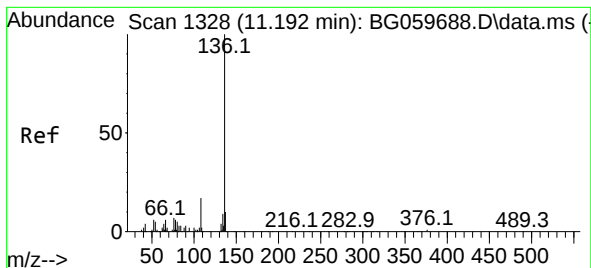
Tgt Ion: 99 Resp: 400868
Ion Ratio Lower Upper
99 100
42 18.8 13.2 19.8
71 77.5 51.3 76.9#



#19
n-Nitroso-di-n-propylamine
Concen: 27.983 ng
RT: 9.540 min Scan# 1047
Delta R.T. 0.380 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion: 70 Resp: 64007
Ion Ratio Lower Upper
70 100
42 38.9 30.8 46.2
101 0.5 9.4 14.2#
130 2.0 15.7 23.5#

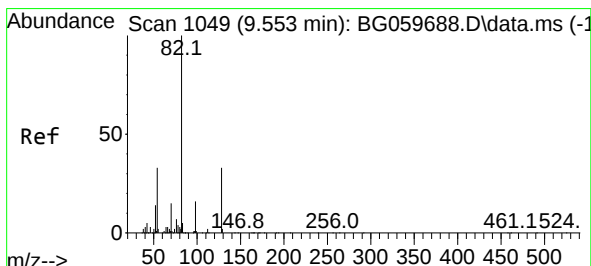
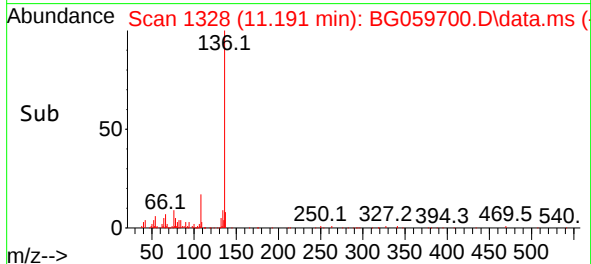
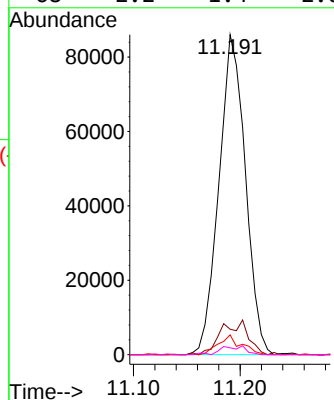
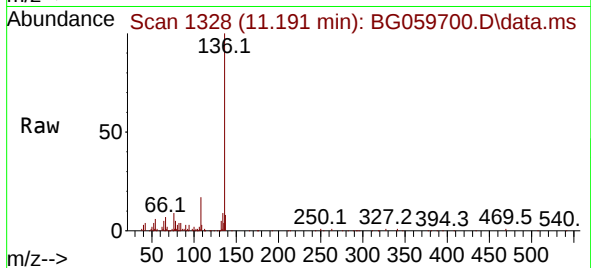




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

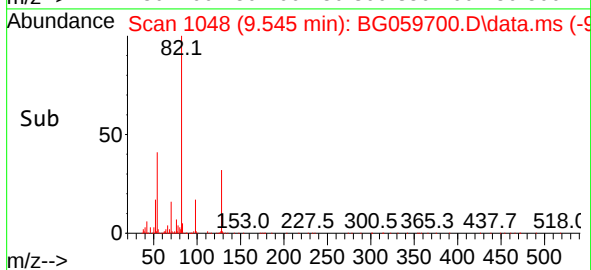
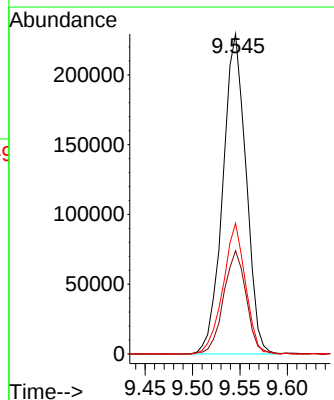
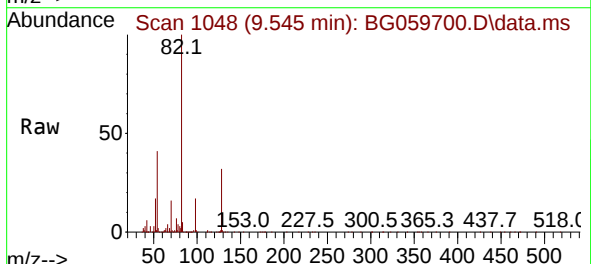
Instrument :
BNA_G
ClientSampleId :
TP-5

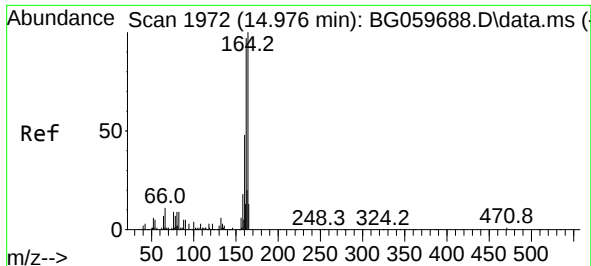
Tgt Ion:136 Resp: 148010
Ion Ratio Lower Upper
136 100
137 8.0 7.7 11.5
54 6.2 4.2 6.2
68 2.2 1.4 2.0#



#23
Nitrobenzene-d5
Concen: 113.457 ng
RT: 9.545 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion: 82 Resp: 390625
Ion Ratio Lower Upper
82 100
128 32.2 26.3 39.5
54 40.9 26.6 39.8#

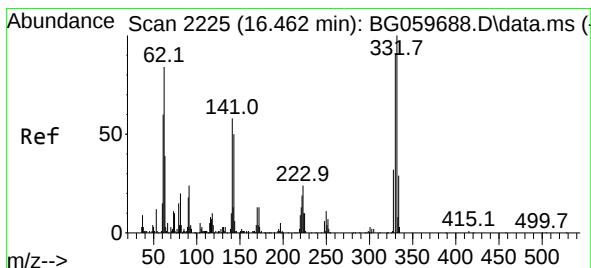
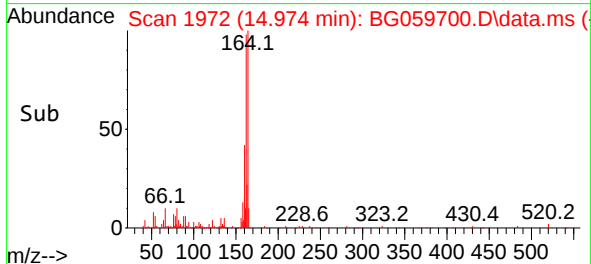
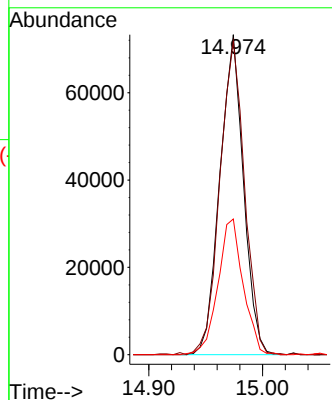
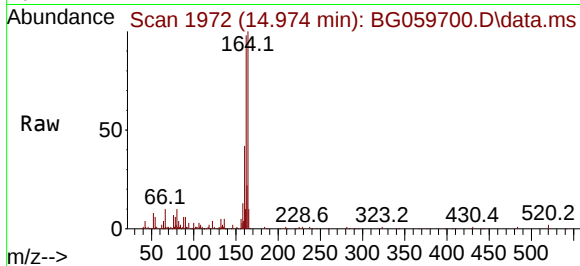




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

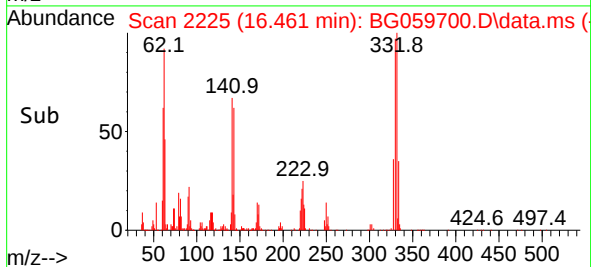
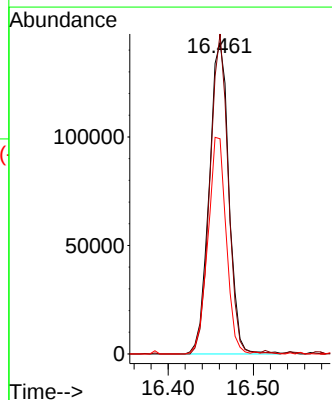
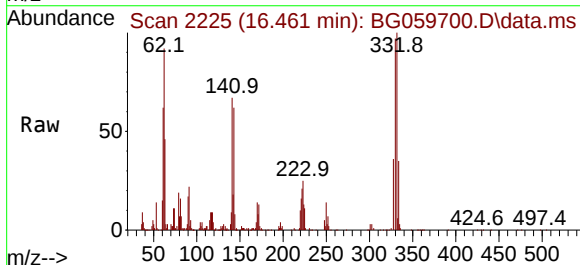
Instrument :
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ClientSampleId :
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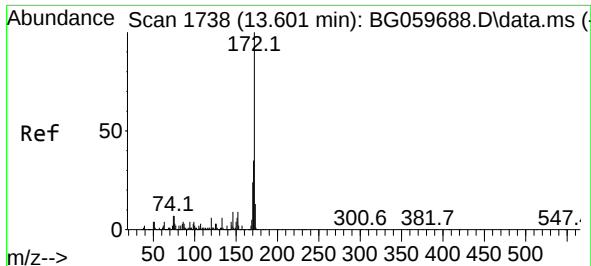
Tgt Ion:164 Resp: 105595
Ion Ratio Lower Upper
164 100
162 97.9 77.8 116.6
160 42.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 193.026 ng
RT: 16.461 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion:330 Resp: 230029
Ion Ratio Lower Upper
330 100
332 94.9 80.7 121.1
141 64.6 51.0 76.6

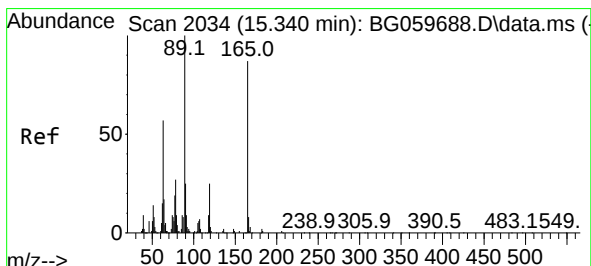
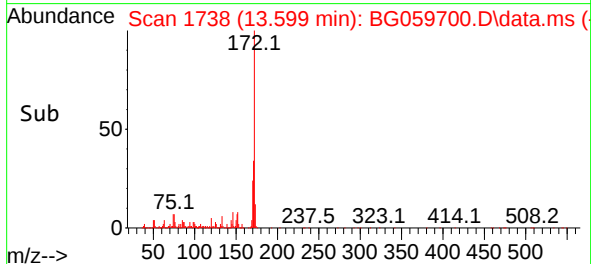
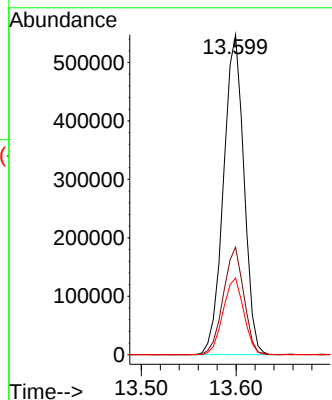
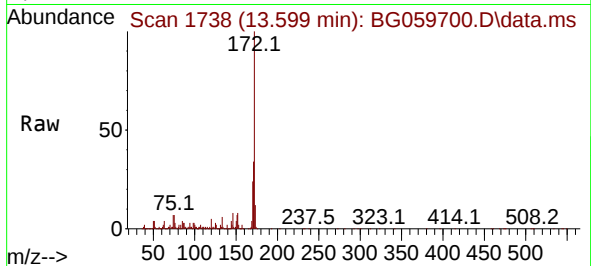




#45
2-Fluorobiphenyl
Concen: 104.645 ng
RT: 13.599 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

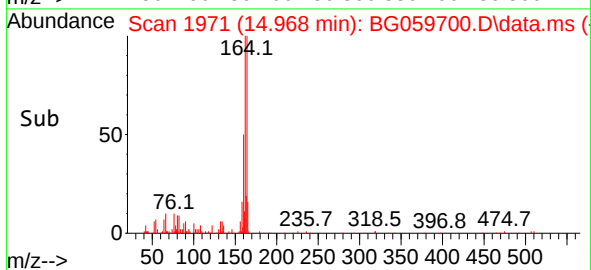
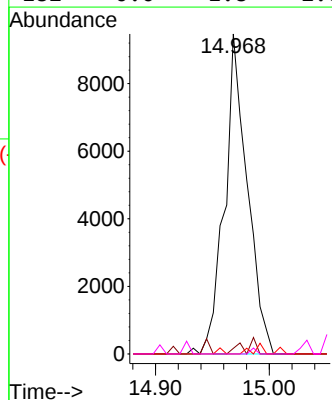
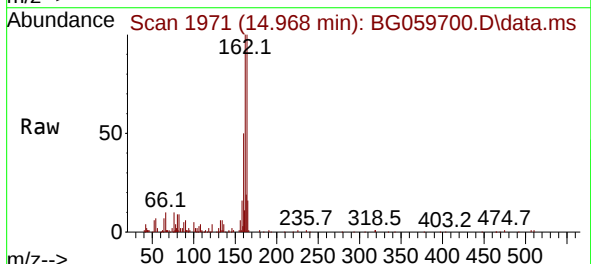
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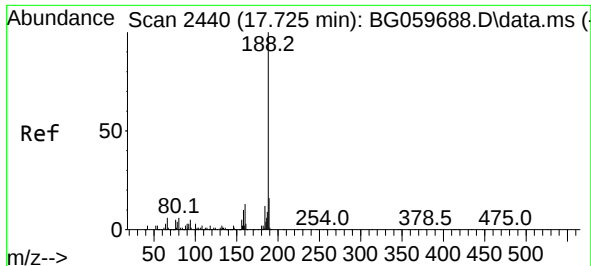
Tgt Ion:172 Resp: 819599
Ion Ratio Lower Upper
172 100
171 33.6 27.9 41.9
170 23.9 19.0 28.4



#57
2,4-Dinitrotoluene
Concen: 5.763 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.372 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion:165 Resp: 13153
Ion Ratio Lower Upper
165 100
63 1.7 52.2 78.2#
89 0.0 91.8 137.6#
182 0.0 1.8 2.6#

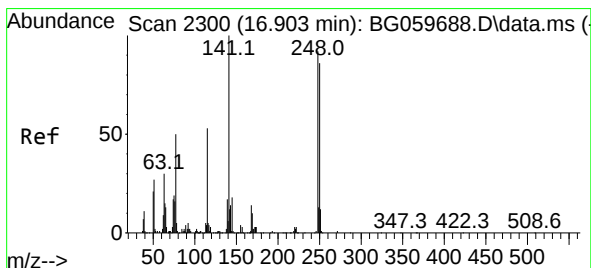
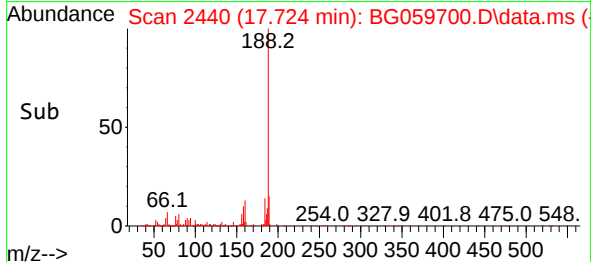
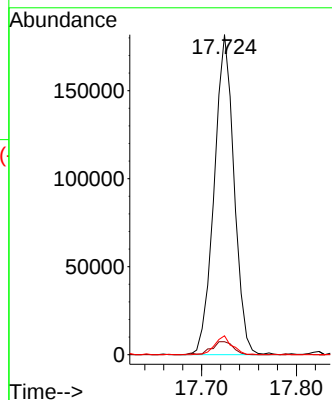
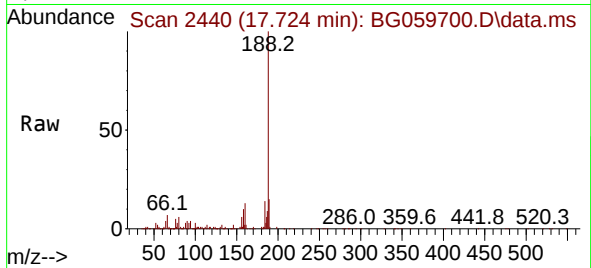




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.724 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

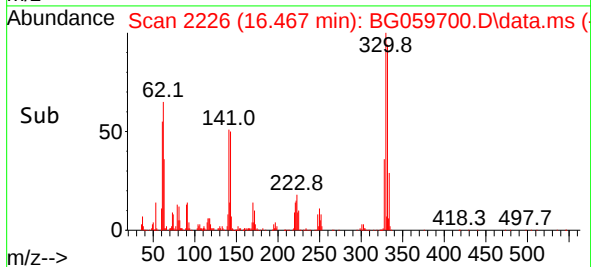
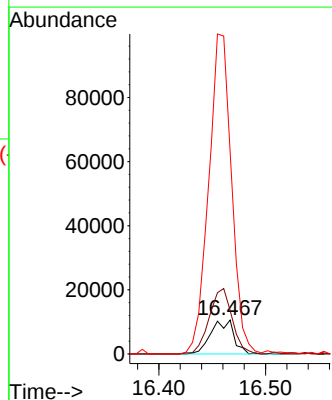
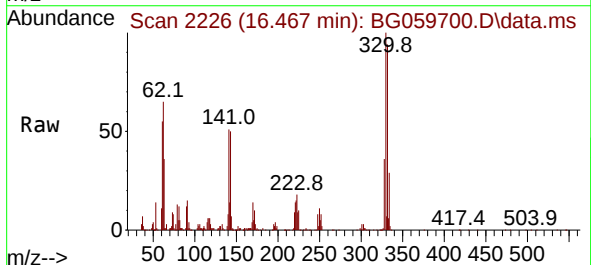
Instrument :
BNA_G
ClientSampleId :
TP-5

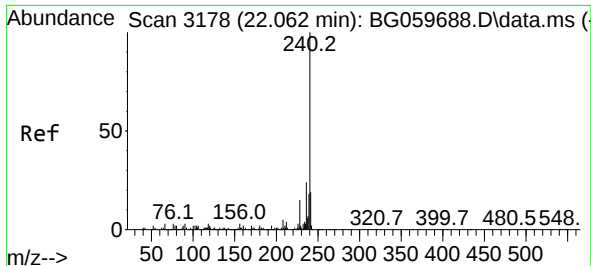
Tgt Ion:	188	Resp:	264608
Ion Ratio	Lower	Upper	
188	100		
94	4.1	3.9	5.9
80	5.9	4.5	6.7



#67
4-Bromophenyl-phenylether
Concen: 5.713 ng
RT: 16.467 min Scan# 2226
Delta R.T. -0.436 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion:	248	Resp:	15904
Ion Ratio	Lower	Upper	
248	100		
250	128.5	74.5	111.7#
141	596.8	86.6	129.8#

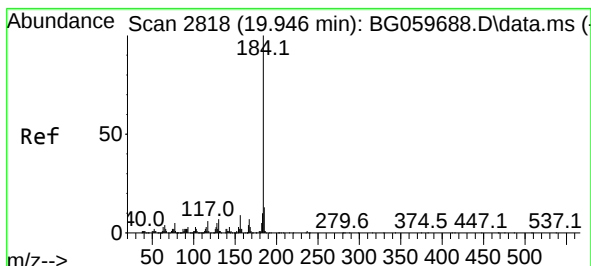
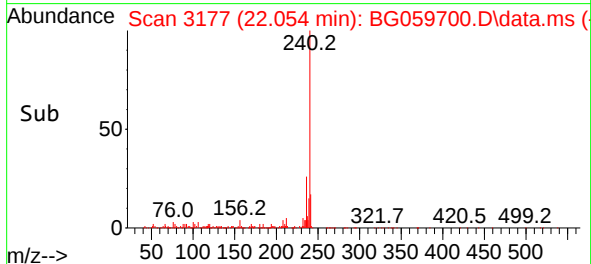
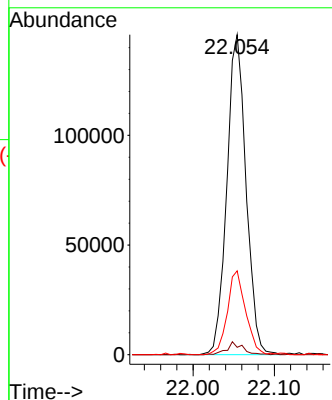
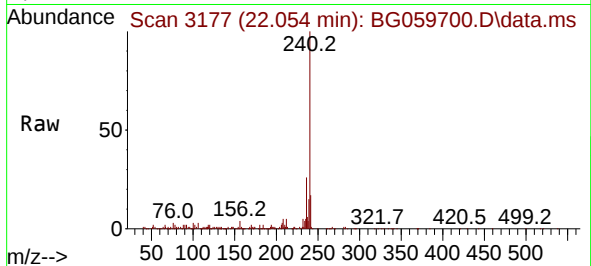




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.054 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

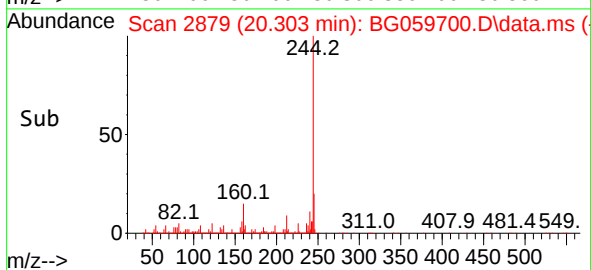
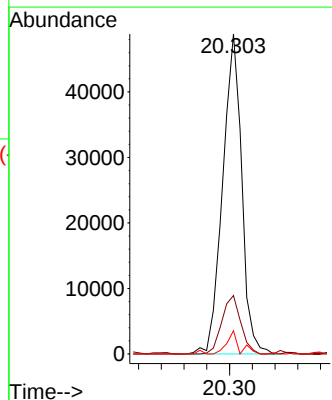
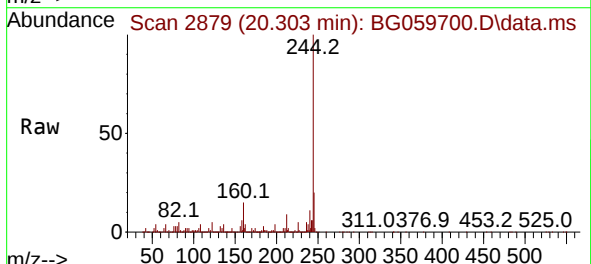
Instrument :
BNA_G
ClientSampleId :
TP-5

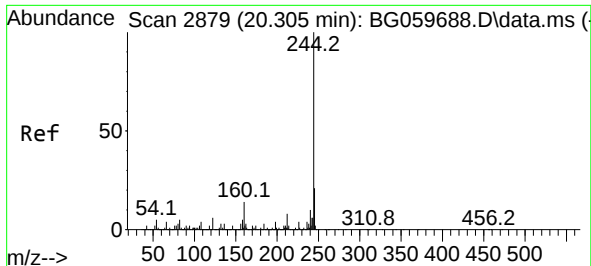
Tgt Ion:240 Resp: 239691
Ion Ratio Lower Upper
240 100
120 2.3 2.6 3.8#
236 26.2 19.4 29.0



#77
Benzidine
Concen: 14.005 ng
RT: 20.303 min Scan# 2879
Delta R.T. 0.357 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion:184 Resp: 56723
Ion Ratio Lower Upper
184 100
185 18.3 10.7 16.1#
183 7.2 7.8 11.6#

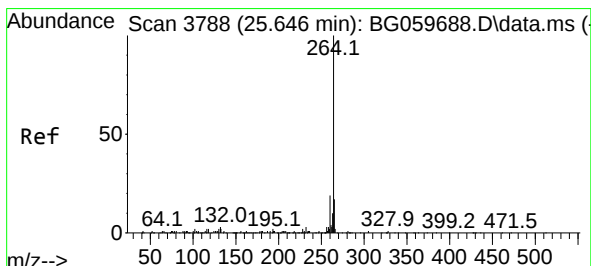
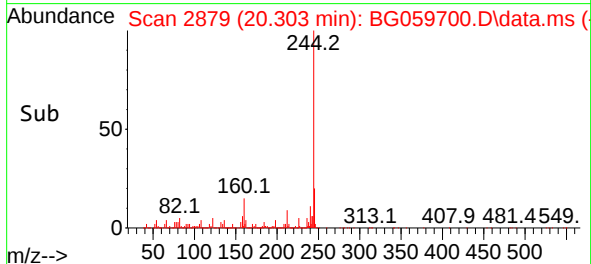
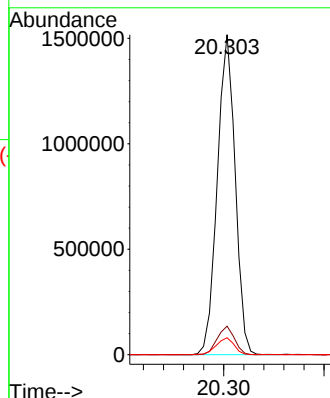
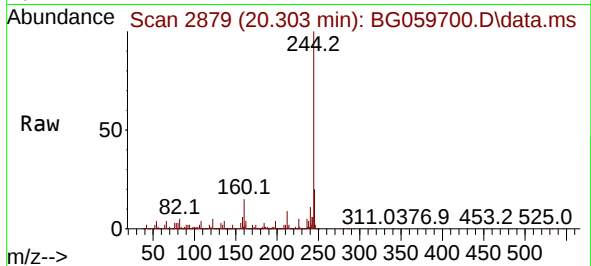




#79
 Terphenyl-d14
 Concen: 161.276 ng
 RT: 20.303 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059700.D
 Acq: 15 Nov 2023 15:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1873601
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 9.8
 122 5.3 4.6 6.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.650 min Scan# 3789
 Delta R.T. 0.004 min
 Lab File: BG059700.D
 Acq: 15 Nov 2023 15:03

Tgt Ion:264 Resp: 268461
 Ion Ratio Lower Upper
 264 100
 260 19.1 15.6 23.4
 265 22.7 13.4 20.2#

