

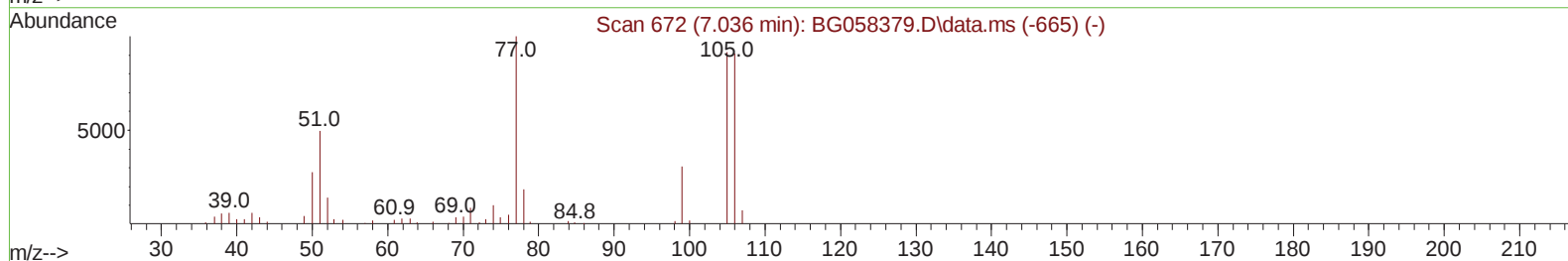
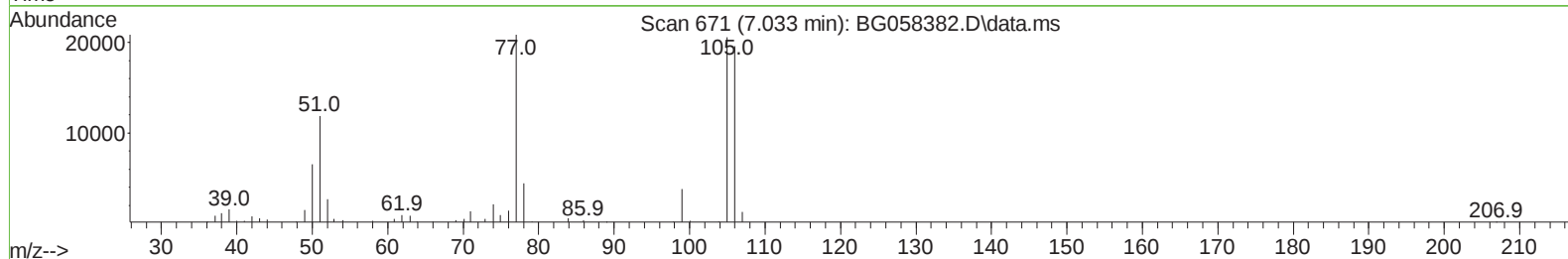
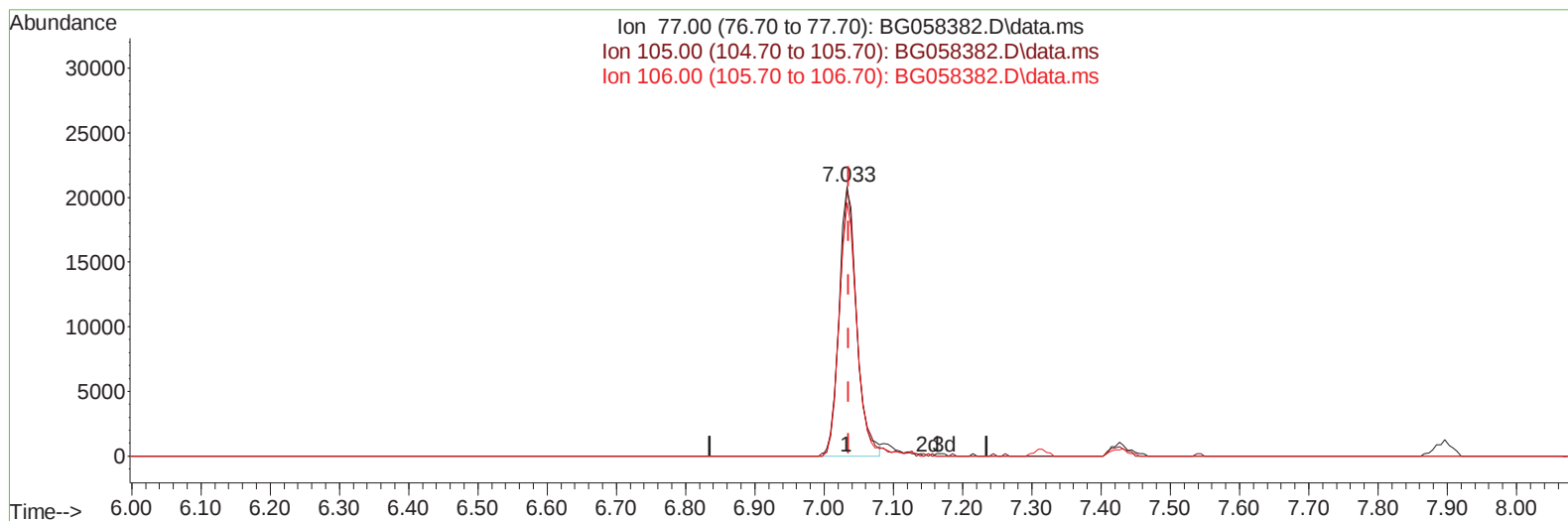
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058382.D
 Acq On : 21 Jul 2023 11:07
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 21 11:44:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058382.D\data.ms

(6) Benzaldehyde

7.033min (-0.002) 18.52 ng/u1

response 36646

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	98.73
106.00	89.50	94.01
0.00	0.00	0.00

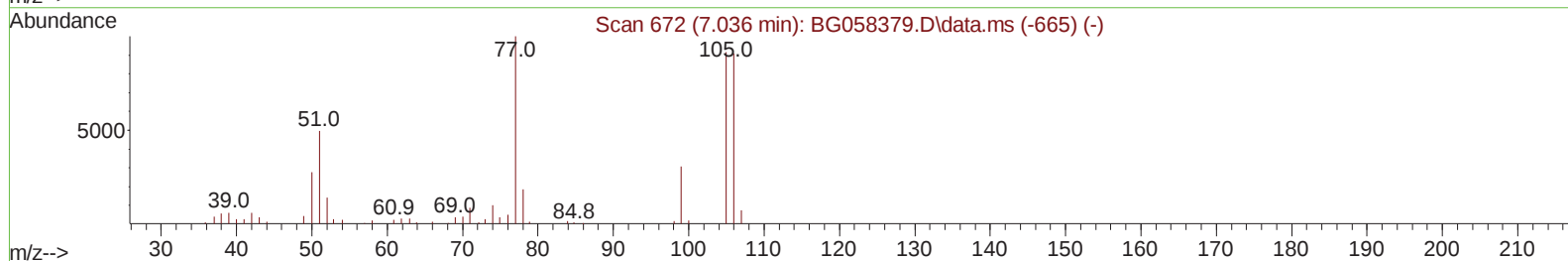
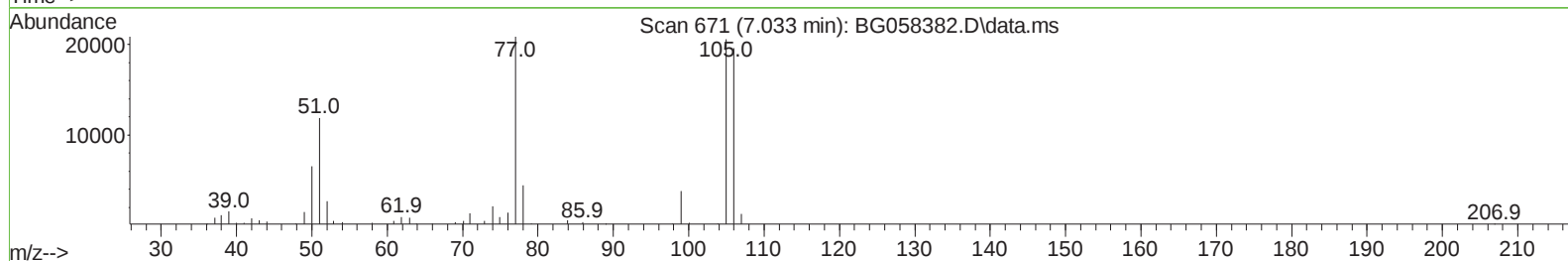
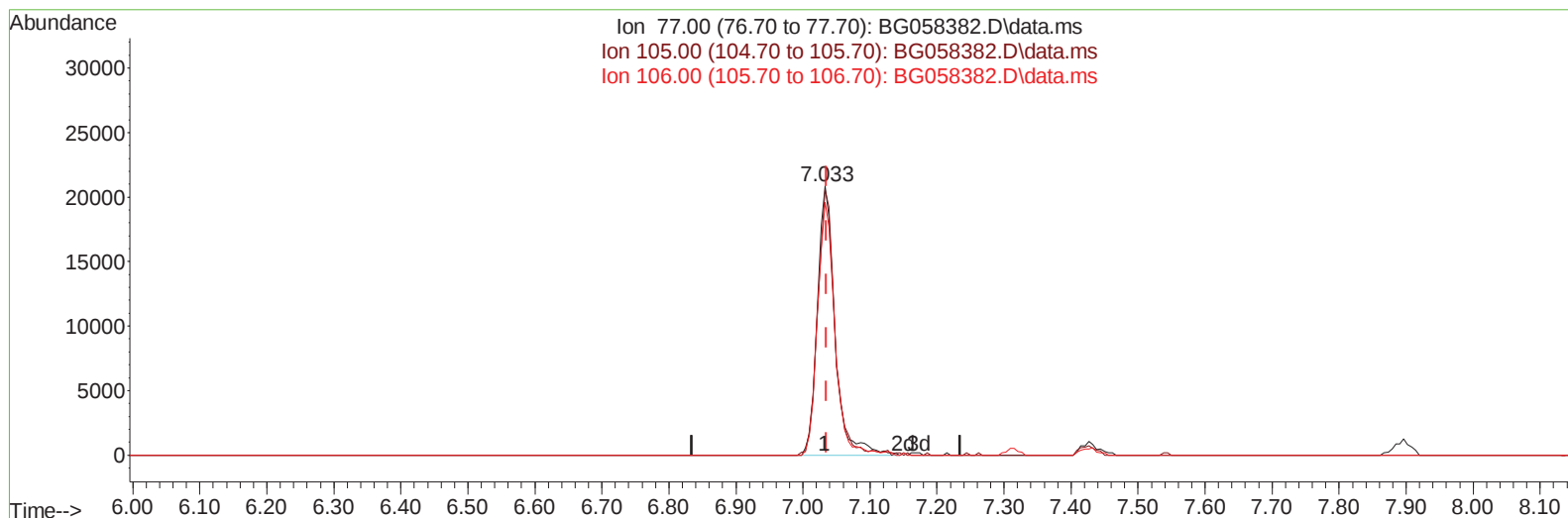
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TIC: BG058382.D\data.ms

(6) Benzaldehyde

7.033min (-0.002) 19.33 ng/ul m

response 38249

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	98.73
106.00	89.50	94.01
0.00	0.00	0.00

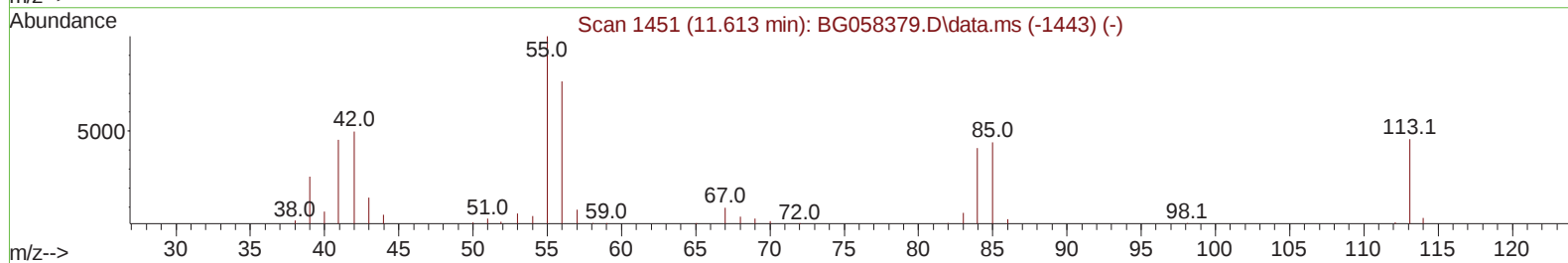
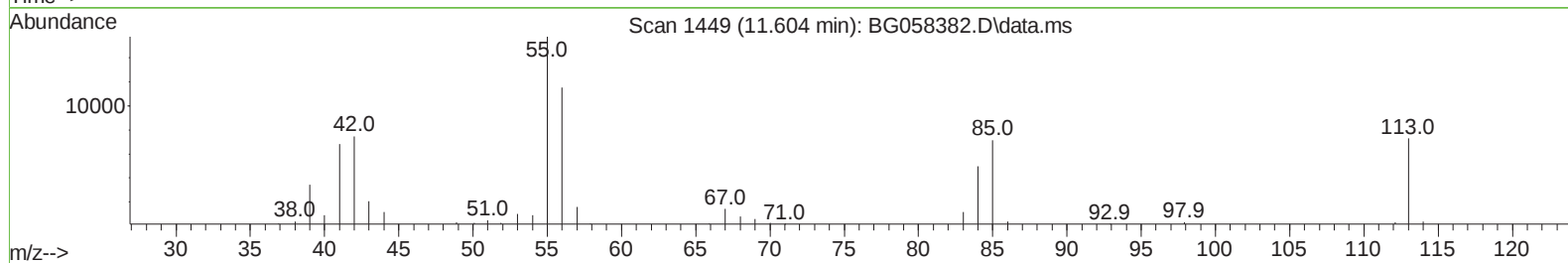
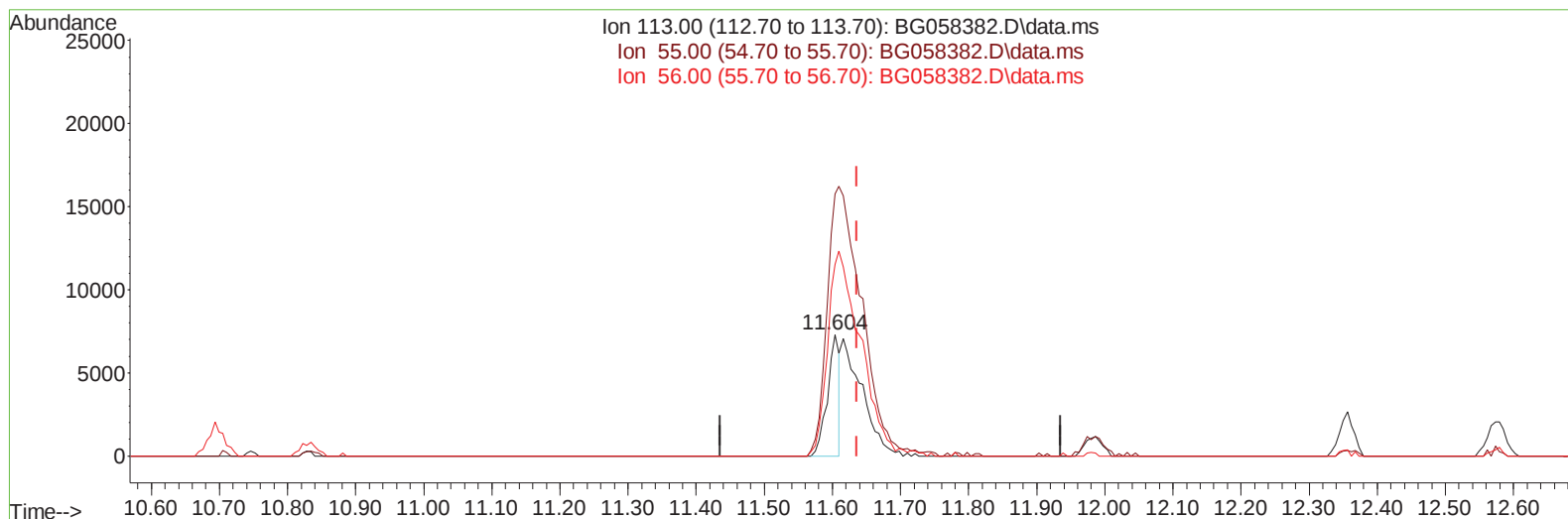
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TIC: BG058382.D\data.ms

(34) Caprolactam

11.604min (-0.032) 6.38 ng/ul

response 9183

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	216.08
56.00	165.30	158.08
0.00	0.00	0.00

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Instrument :

BNA_G

LabSampleId :

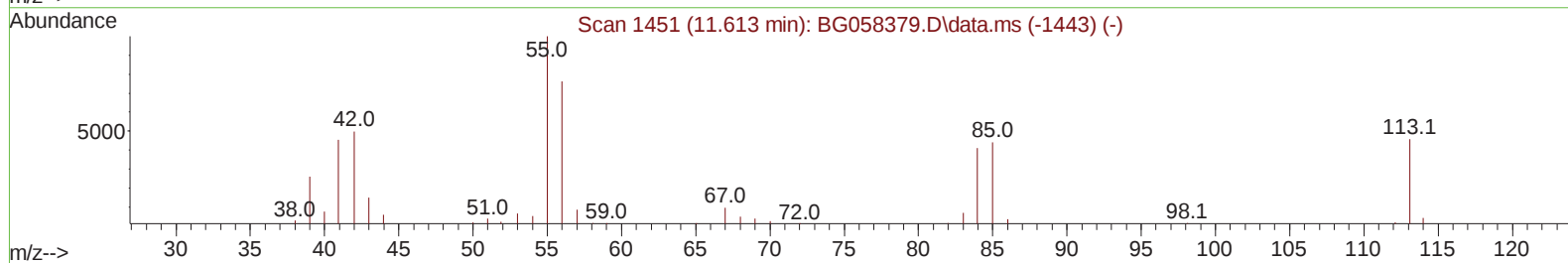
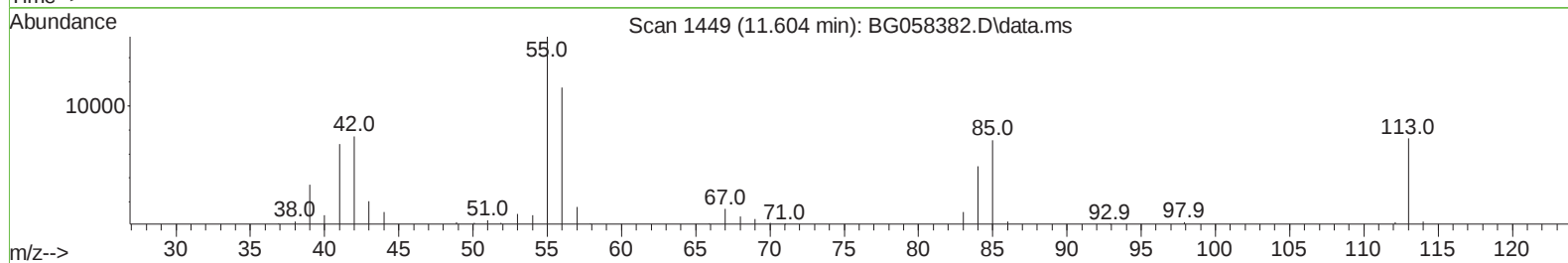
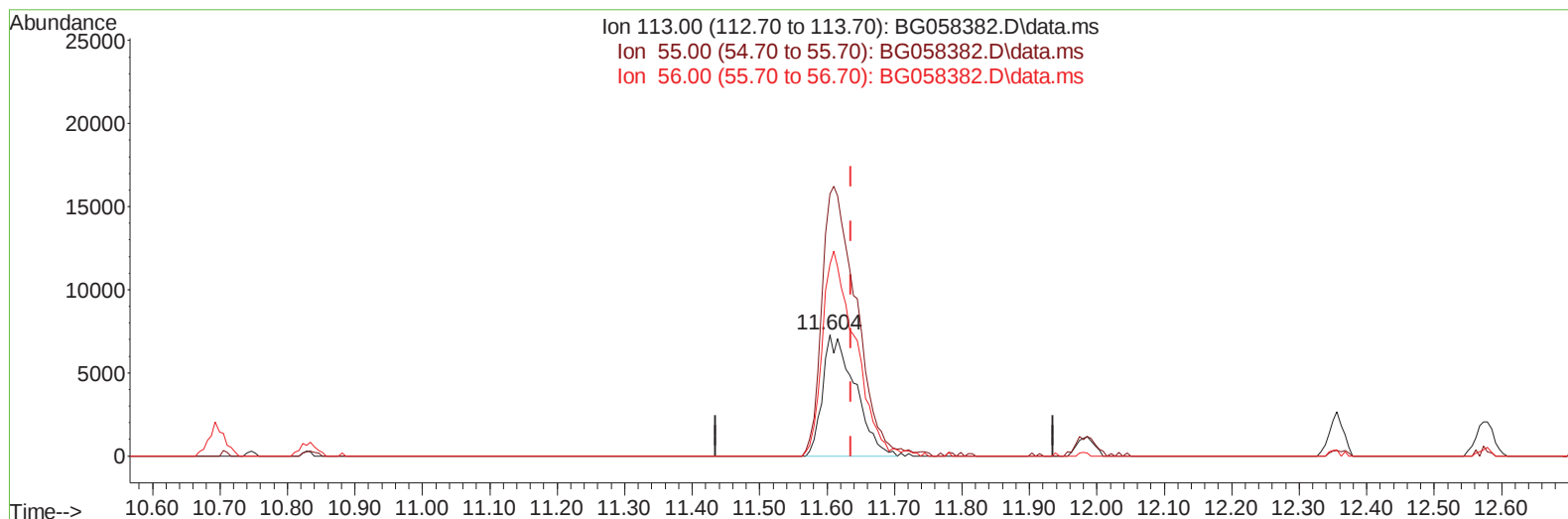
SSTDCCC020

Manual IntegrationsAPPROVED

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Quant Time: Jul 21 11:44:47 2023
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TIC: BG058382.D\data.ms

(34) Caprolactam

11.604min (-0.032) 16.71 ng/ul m

response 24053

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	216.08
56.00	165.30	158.08
0.00	0.00	0.00

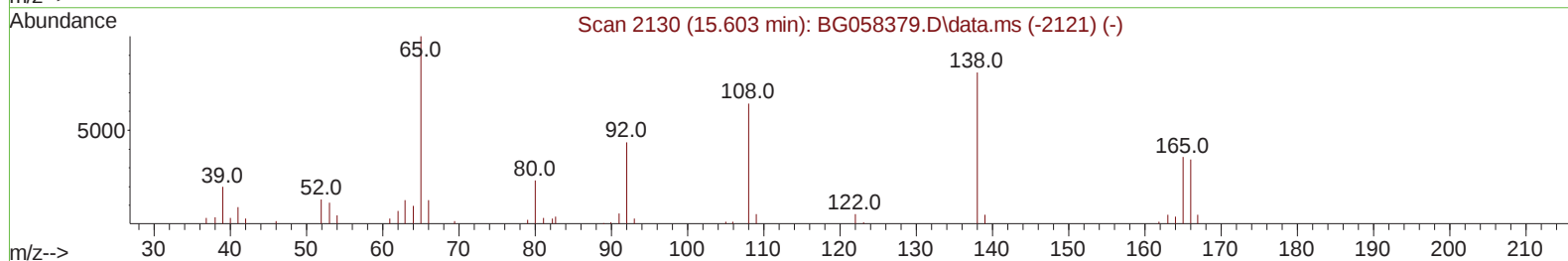
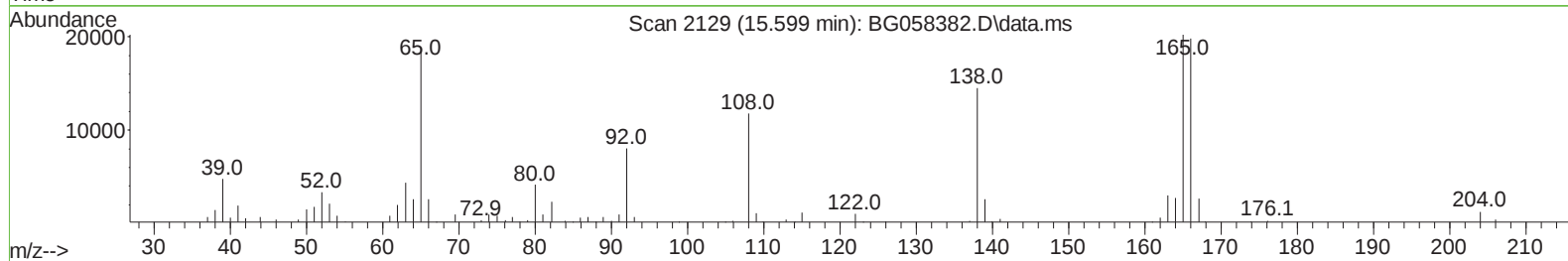
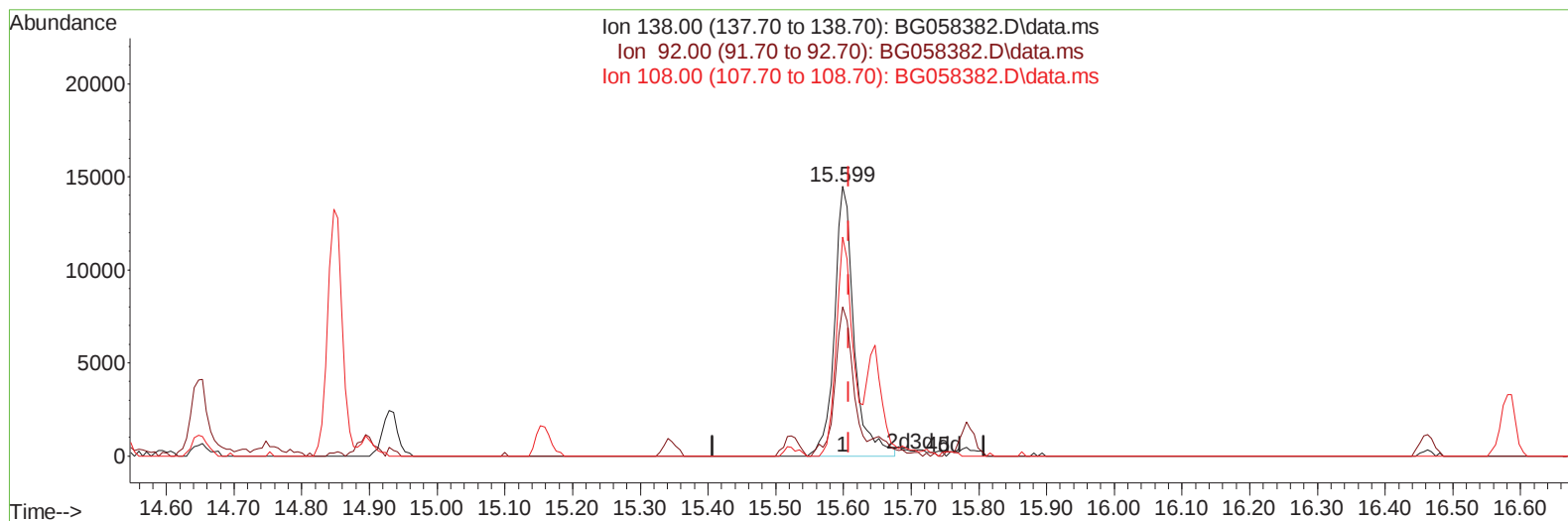
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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TIC: BG058382.D\data.ms

(63) 4-Nitroaniline

15.599min (-0.008) 15.81 ng/ul

response 28852

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	56.20	55.32
108.00	76.00	81.23
0.00	0.00	0.00

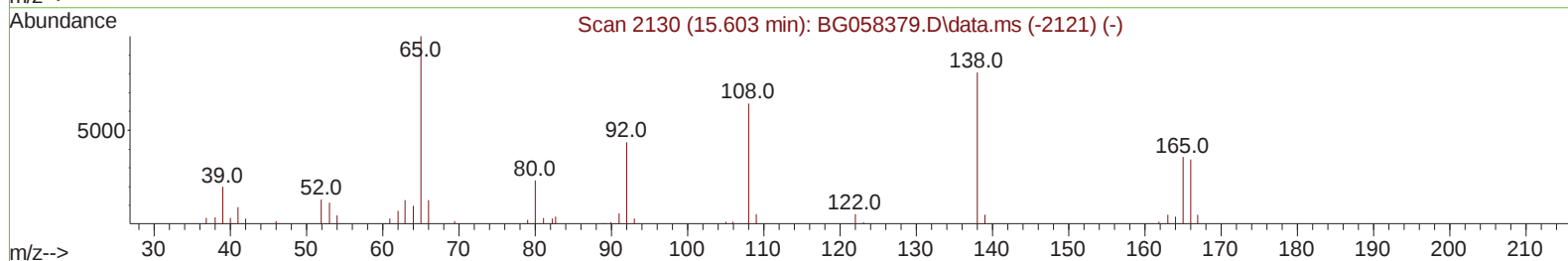
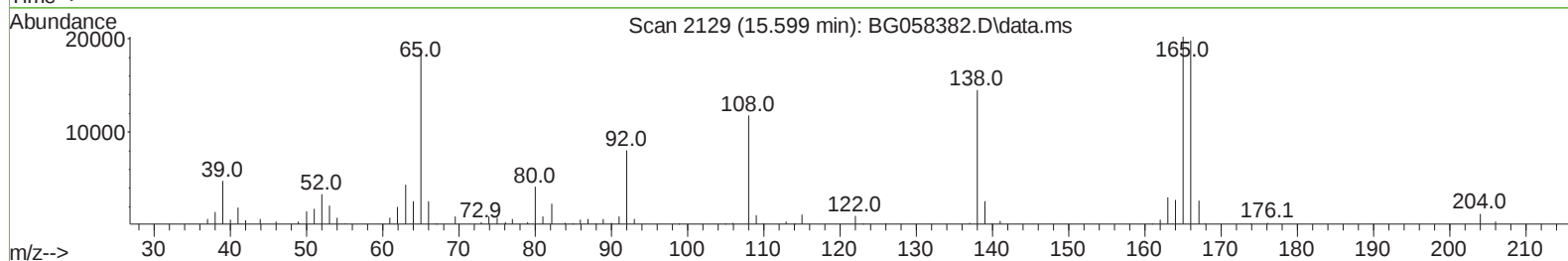
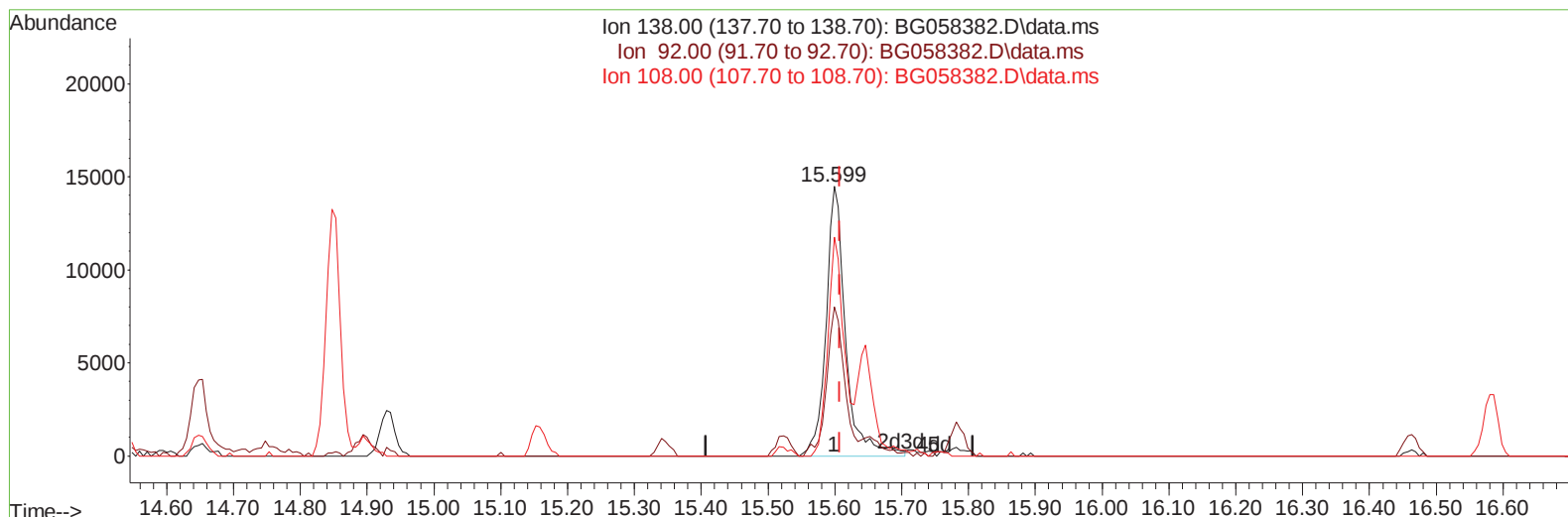
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TIC: BG058382.D\data.ms

(63) 4-Nitroaniline

15.599min (-0.008) 16.14 ng/ul m

response 29451

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	56.20	55.32
108.00	76.00	81.23
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Jul 21 11:45:50 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	51644	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	232782	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.530	164	161702	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	389390	20.000	ng/ul	0.00
79) Chrysene-d12	21.528	240	329896	20.000	ng/ul	0.00
88) Perylene-d12	24.659	264	400845	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	12202	8.696	ng/uL	0.00
4) Pyridine-d5	3.748	84	82676	19.851	ng/ul	0.00
7) Phenol-d5	7.056	99	91930	18.765	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	61334	20.030	ng/ul	0.00
11) 2-Chlorophenol-d4	7.426	132	67673	19.733	ng/ul	0.00
15) 4-Methylphenol-d8	8.602	113	69300	18.545	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	34214	19.609	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	38292	20.102	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	69507	19.035	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	100648	19.013	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	219163	17.576	ng/ul	0.00
49) Acenaphthylene-d8	14.224	160	250678	19.184	ng/ul	0.00
54) 4-Nitrophenol-d4	14.736	143	33509	17.794	ng/ul	0.00
60) Fluorene-d10	15.523	176	190362	18.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	36281	18.288	ng/ul	0.00
73) Anthracene-d10	17.374	188	308885	18.359	ng/ul	0.00
81) Pyrene-d10	19.665	212	358030	18.375	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.448	264	342056	17.655	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.372	88	12953	8.138	ng/uL#	90
5) Pyridine	3.766	79	85983	19.550	ng/ul	98
6) Benzaldehyde	7.033	77	38249m	19.332	ng/ul	
8) Phenol	7.086	94	96865	19.039	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.315	93	77049	19.768	ng/ul	98
12) 2-Chlorophenol	7.456	128	69715	19.421	ng/ul	99
13) 2-Methylphenol	8.337	108	73500	18.536	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.419	45	125584	19.662	ng/ul	98
16) Acetophenone	8.713	105	119829	18.829	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.696	70	63788	18.314	ng/ul	96
18) 4-Methylphenol	8.666	108	80858	18.763	ng/ul	97
19) Hexachloroethane	8.972	117	27450	19.400	ng/ul	92
22) Nitrobenzene	9.101	77	91260	19.613	ng/ul	98
23) Isophorone	9.612	82	188835	18.101	ng/ul	98
25) 2-Nitrophenol	9.812	139	40429	19.870	ng/ul	95
26) 2,4-Dimethylphenol	9.865	107	86269	19.015	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.100	93	105698	19.131	ng/ul	98
29) 2,4-Dichlorophenol	10.347	162	67359	19.435	ng/ul	94
30) Naphthalene	10.746	128	238201	19.144	ng/ul	99
32) 4-Chloroaniline	10.858	127	101497	18.760	ng/ul	99
33) Hexachlorobutadiene	11.028	225	49498	19.973	ng/ul	93
34) Caprolactam	11.604	113	24053m	16.709	ng/ul	
35) 4-Chloro-3-methylphenol	11.986	107	79985	18.134	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.356	142	158854	19.056	ng/ul	100
37) 1-Methylnaphthalene	12.573	142	159695	18.692	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.726	216	90361	19.304	ng/ul	99
40) Hexachlorocyclopentadiene	12.703	237	61136	24.283	ng/ul	99
41) 2,4,6-Trichlorophenol	12.967	196	61205	19.315	ng/ul	98
42) 2,4,5-Trichlorophenol	13.037	196	63191	18.701	ng/ul	99
43) 1,1'-Biphenyl	13.367	154	211600	19.352	ng/ul	98
44) 2-Chloronaphthalene	13.408	162	166733	19.179	ng/ul	97
45) 2-Nitroaniline	13.613	65	56961	18.863	ng/ul	97
47) Dimethylphthalate	13.983	163	224984	17.963	ng/ul	100
48) 2,6-Dinitrotoluene	14.107	165	46110	19.051	ng/ul	99
50) Acenaphthylene	14.254	152	267725	18.980	ng/ul	99
51) 3-Nitroaniline	14.442	138	32550	16.138	ng/ul	88
52) Acenaphthene	14.595	153	182858	18.672	ng/ul	98
53) 2,4-Dinitrophenol	14.647	184	28610	22.211	ng/ul	95
55) 4-Nitrophenol	14.753	109	25514	17.592	ng/ul	92
56) Dibenzofuran	14.929	168	262794	18.846	ng/ul	99
57) 2,4-Dinitrotoluene	14.894	165	65488	18.760	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.159	232	57797	18.514	ng/ul	97
59) Diethylphthalate	15.347	149	227056	17.597	ng/ul	99
61) Fluorene	15.582	166	210398	18.399	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.570	204	113510	18.698	ng/ul	99
63) 4-Nitroaniline	15.599	138	29451m	16.137	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.658	198	37819	18.529	ng/ul	98
67) N-Nitrosodiphenylamine	15.787	169	180476	18.698	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	74695	18.110	ng/ul	95
69) Hexachlorobenzene	16.586	284	84218	18.096	ng/ul	98
70) Atrazine	16.733	200	70256	18.565	ng/ul	96
71) Pentachlorophenol	16.927	266	48666	18.629	ng/ul	96
72) Phenanthrene	17.321	178	342108	18.488	ng/ul	99
74) Anthracene	17.409	178	338479	18.220	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.331	216	93761	19.197	ng/uL	98
76) Pentachlorobenzene	14.853	250	100005	18.724	ng/uL	98
77) Carbazole	17.679	167	315339	19.582	ng/ul	99
78) Di-n-butylphthalate	18.231	149	392785	19.195	ng/ul	98
80) Fluoranthene	19.330	202	414365	18.563	ng/ul	99
82) Pyrene	19.694	202	421898	18.654	ng/ul	99
83) Butylbenzylphthalate	20.576	149	170070	19.096	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.428	252	131663	17.879	ng/ul	98
85) Benzo(a)anthracene	21.510	228	404846	18.258	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	243407	19.215	ng/ul	99
87) Chrysene	21.575	228	381853	18.155	ng/ul	99
89) Di-n-octyl phthalate	22.585	149	420252	19.704	ng/ul	100
90) Benzo(b)fluoranthene	23.666	252	412224	17.774	ng/ul	99
91) Benzo(k)fluoranthene	23.731	252	414579	17.923	ng/ul	98
93) Benzo(a)pyrene	24.512	252	369899	17.932	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.231	276	483411	17.787	ng/ul	100
95) Dibenzo(a,h)anthracene	28.290	278	398895	17.898	ng/ul	98
96) Benzo(g,h,i)perylene	29.354	276	393148	17.755	ng/ul	99

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

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